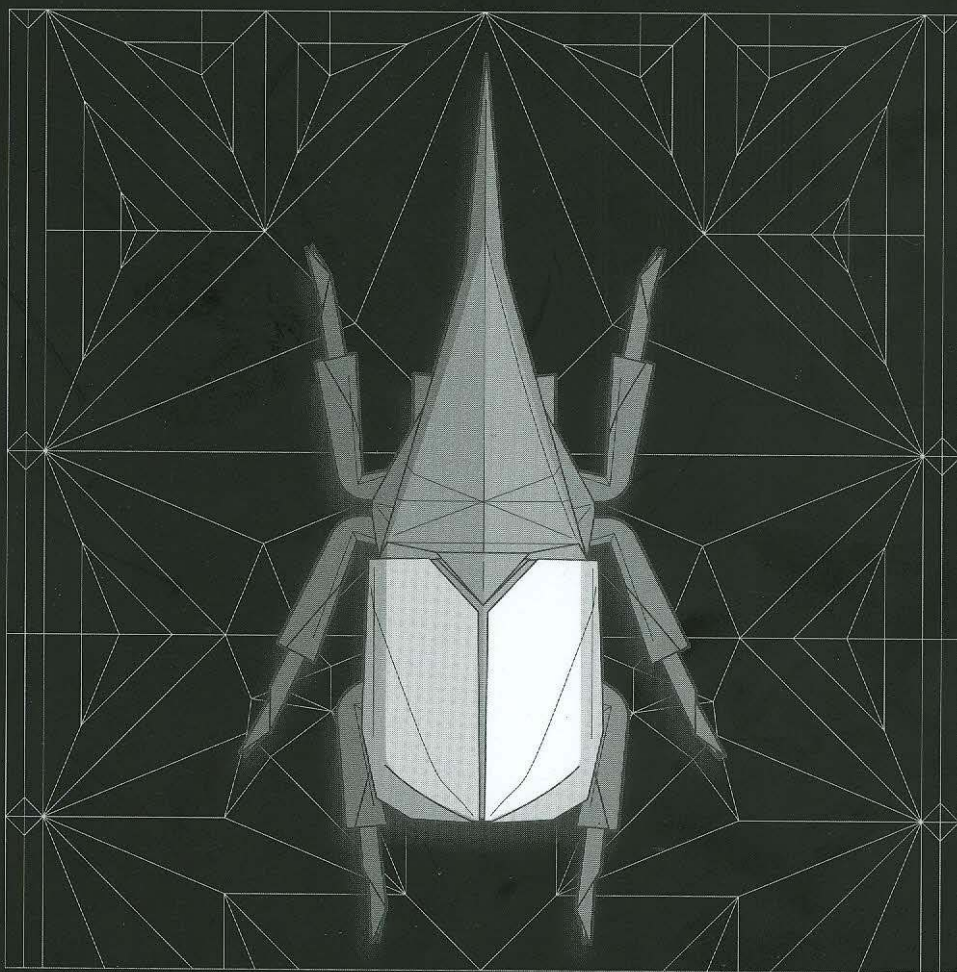


ORIGAMI TANTEIDAN 18th CONVENTION

第18回
折紙探偵団
コンベンション



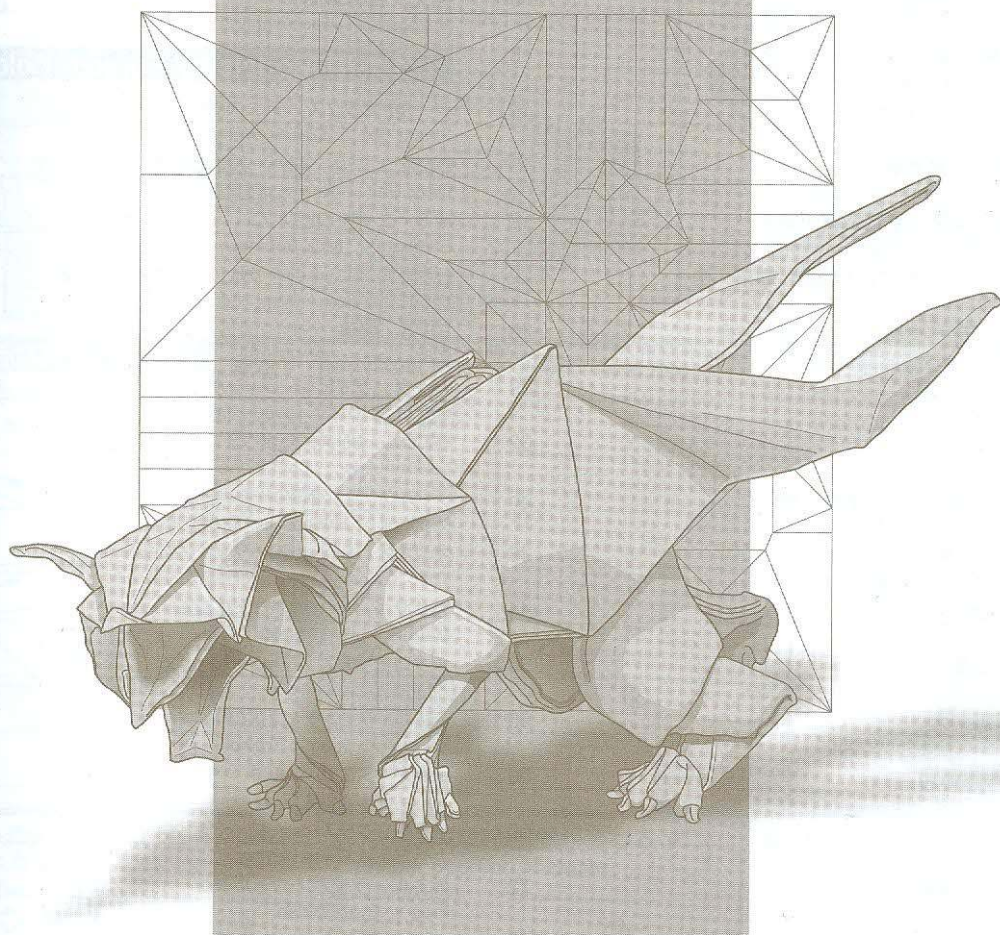
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折り図集
.....
Vol.18

発行・日本折紙学会

18th Origami Tanteidan Convention

第18回
折紙探偵団
コンベンション



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折り図集

Vol. 18

発行・日本折紙学会

Japan Origami Academic Society

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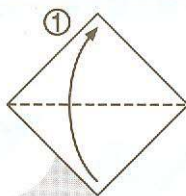
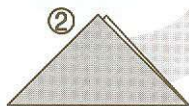
折り図記号 Symbols for Folding

折り線の種類 Types of crease lines

谷折り線 Valley fold



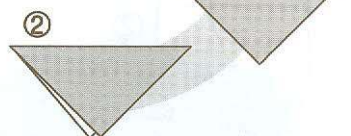
谷折り
Valley fold



山折り線 Mountain fold

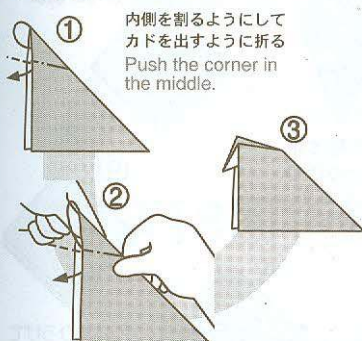


山折り Mountain fold

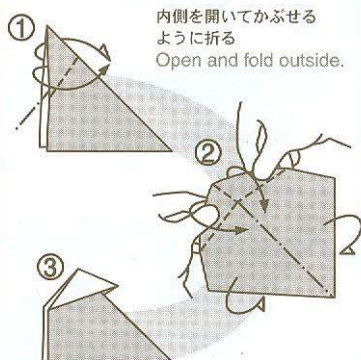


折り方の技法 Basic Folding Skills

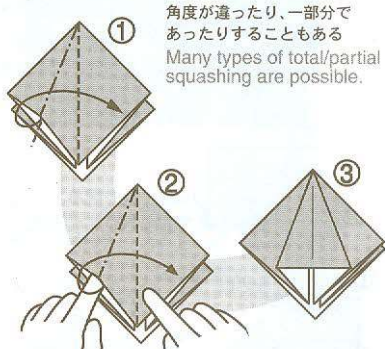
中わり折り Inside-reverse fold



かぶせ折り Outside-reverse fold

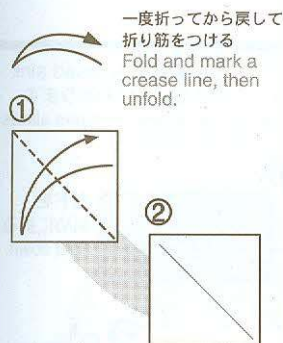


内側をひろげてつぶすように折る Squash fold

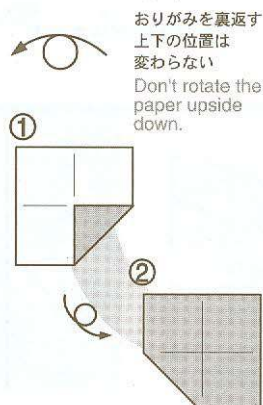


いろいろな記号 Symbols

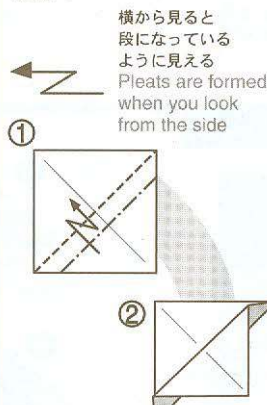
折り筋をつける Making a crease line



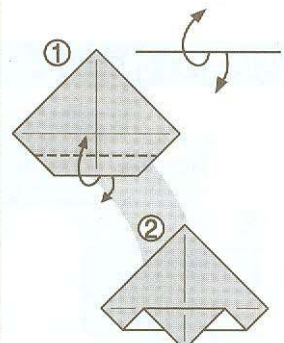
裏返す Turn paper over



段折り Pleat fold



下の部分を出すように折る Release bottom flap when making a fold



次の図が大きくなる A magnified view



仮想線・透視線 A hidden line



引き出す Pull out



ひろげる Open up



○と○を合わせて折る Match circled points



巻くように折る Roll the flap by repeated folds



注意するところ Marked points

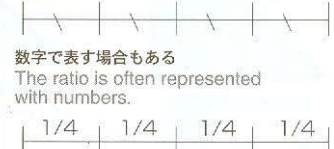


次の図の見え位置が変わる Paper position changes (rotation)

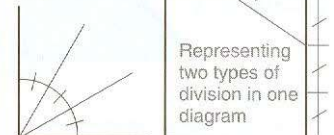


等分記号 Division

長さの等分 Dividing the length



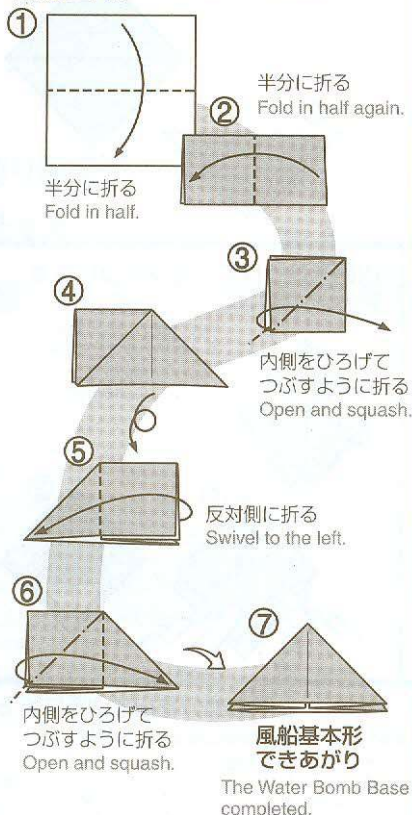
角度の等分 Dividing the angle



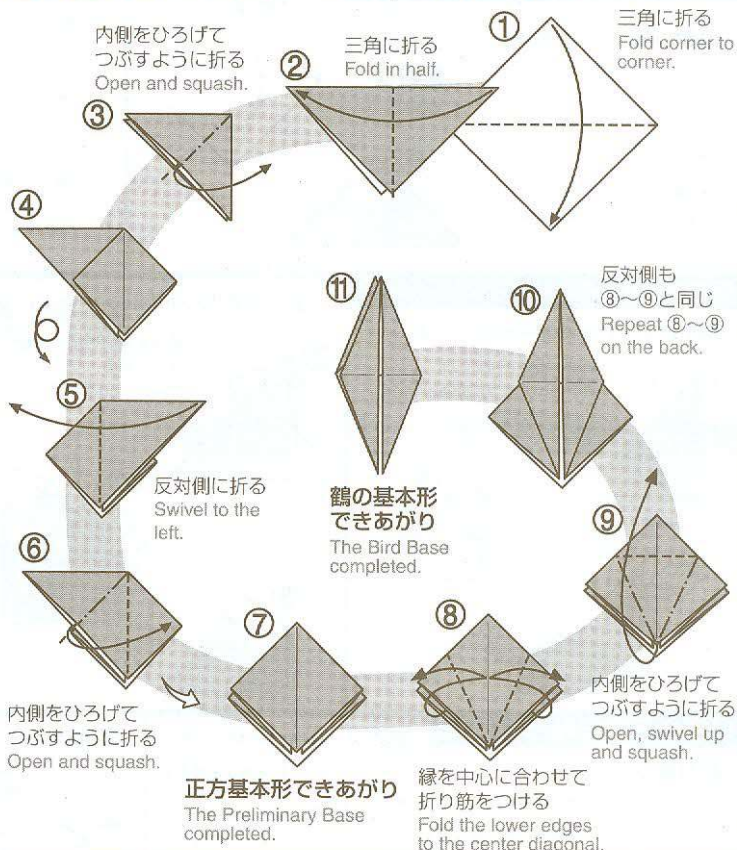
基本形／沈め折り Preliminary Bases and Sink

基本形 Preliminary bases

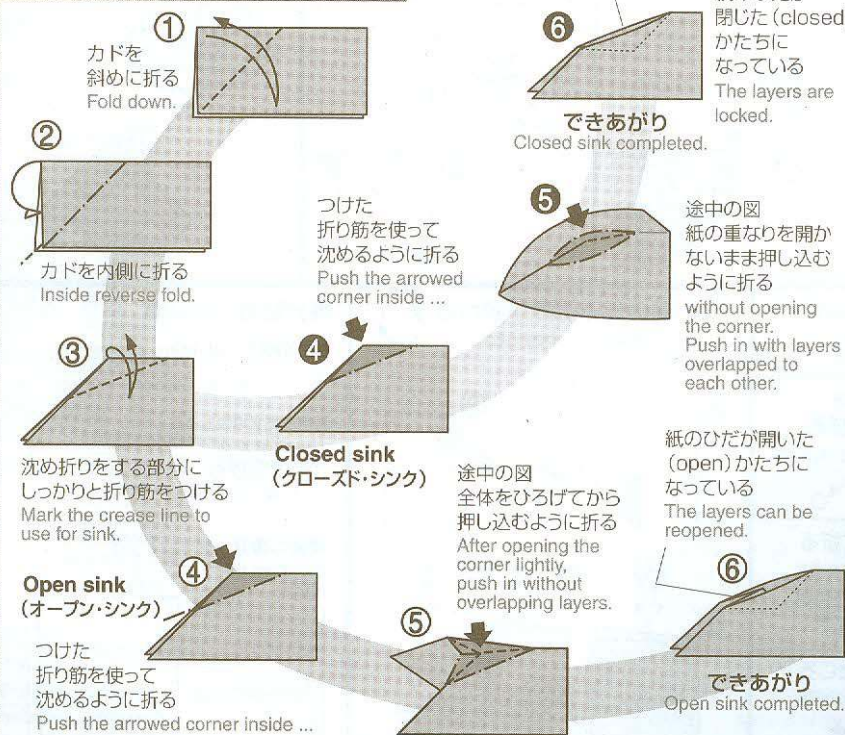
風船基本形 Water Bomb Base



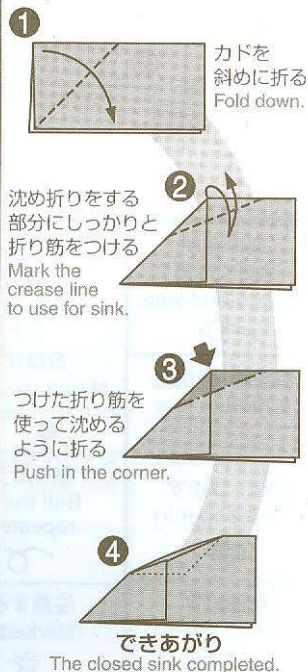
正方基本形と鶴の基本形 Preliminary Base / Bird Base

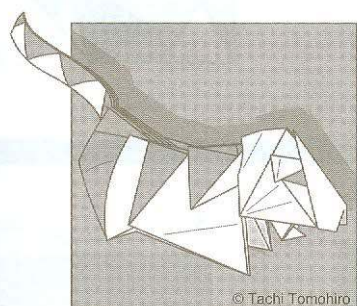


沈め折り Open sink / Closed sink

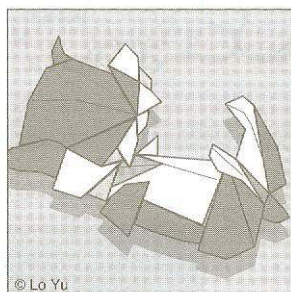


ひだの形によってはclosed sink
にしかできない場合もあります
Certain complexes of layers allows
only for closed sink.

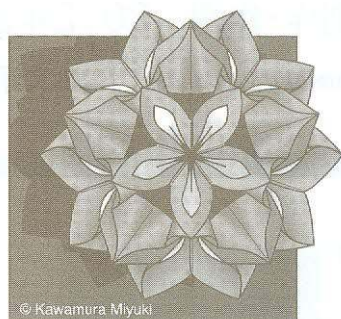




© Tachi Tomohiro



© Lo Yu



© Kawamura Miyuki

第18回折紙探偵団コンベンション折り図集

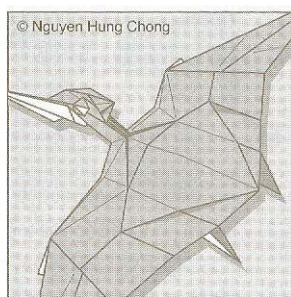
18th Origami Tanteidan Convention Book

国内編／Models by Japanese Folders P.6

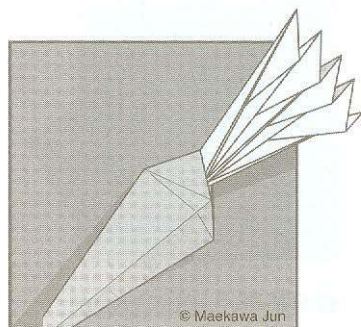
海外編／Models by Foreign Folders P.162



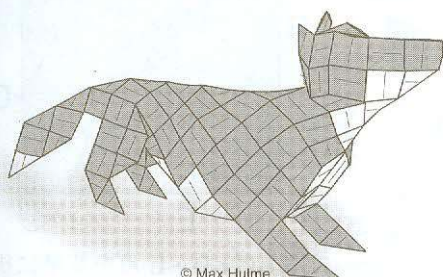
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© Nguyen Hung Chong



© Maekawa Jun

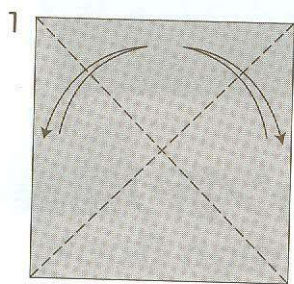
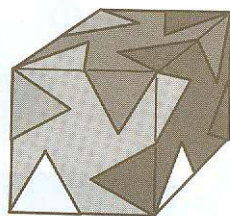


© Max Hulme

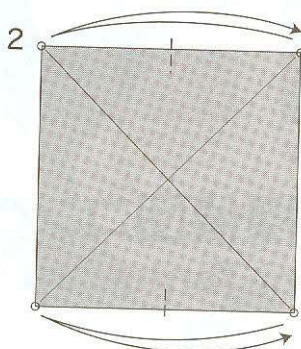
Combine

創作・作図 2012年5月

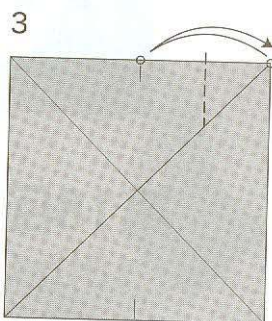
Fumiaki Kawahata 川畑文昭



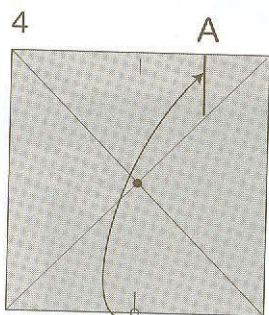
折すじをつける



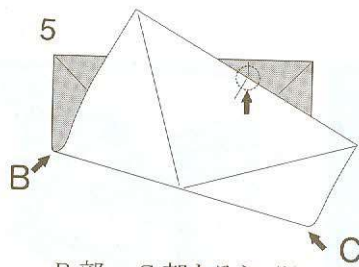
つまむように印をつける
全体に折すじはつけない



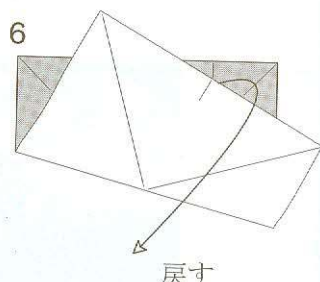
折すじをつける



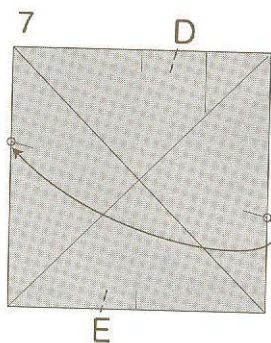
●を基準点にして、○が
A 線上に重なるように折る



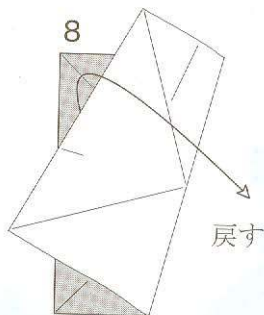
B 部、C 部をそれぞれ
つまむように印をつける
全体に折すじはつけない



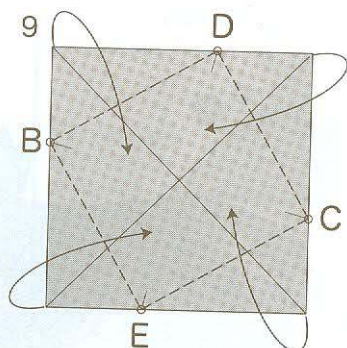
戻す



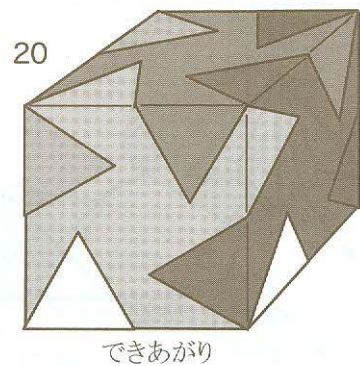
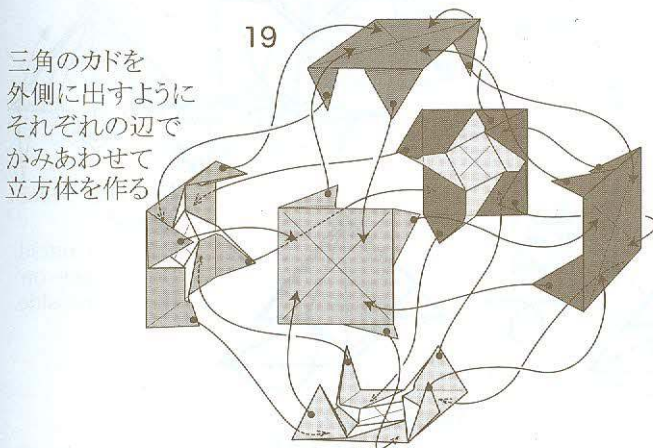
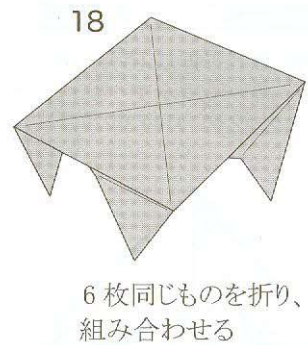
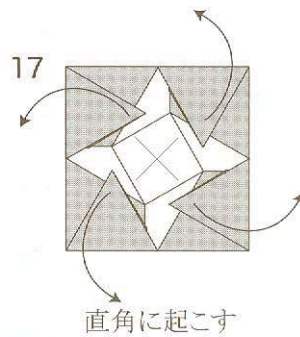
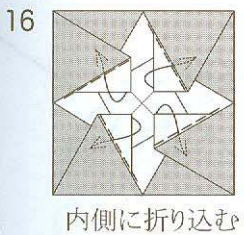
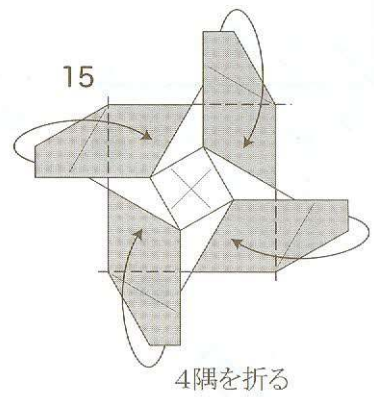
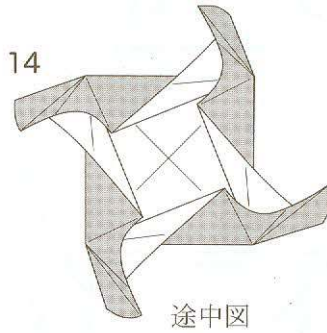
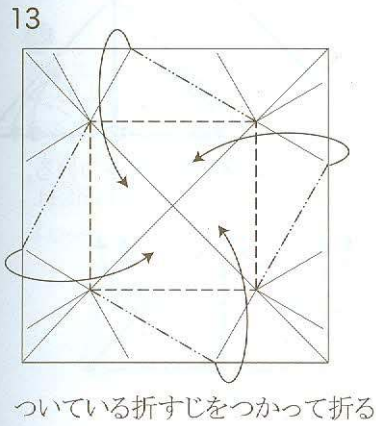
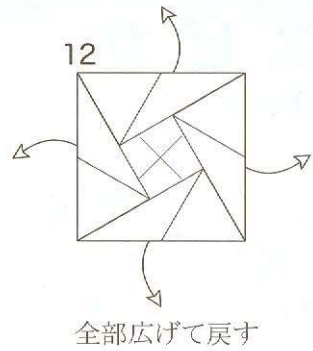
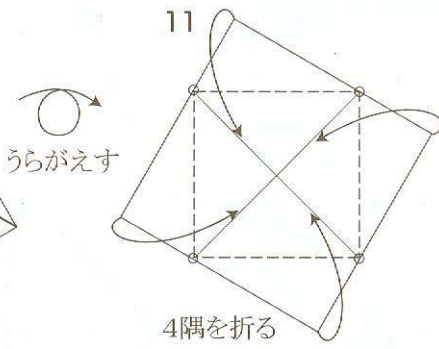
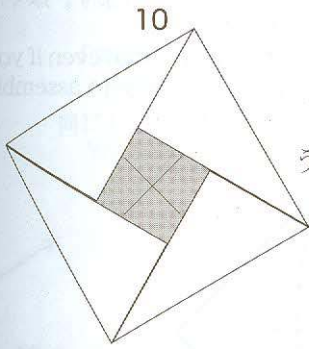
○同士をあわせ、
D 部、E 部をそれぞれ
つまむように印をつける



戻す



B・C・D・E 点を基準に折る



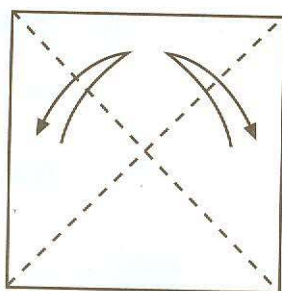
Design : 20111111

スピカ

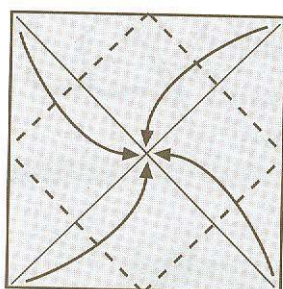
SPICA

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川村みゆき

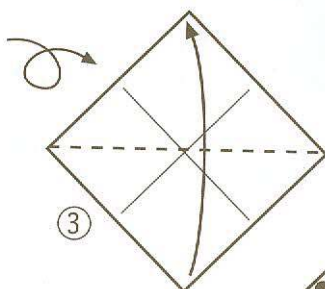
小さな紙でも比較的大きく仕上がります。厚くて硬い紙の方が組み立てやすいです。
The finished model is relatively large even if you use small piece of paper. It is easy to assemble if you use thick and hard papers.



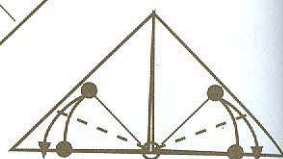
①



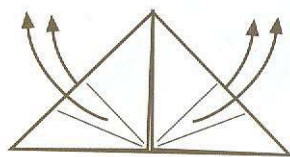
②



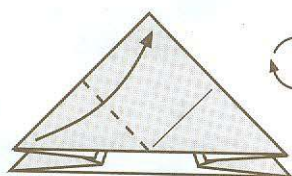
③



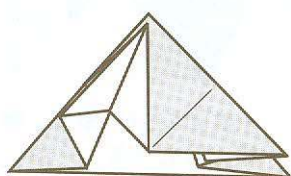
④ 折り目をつける。
Fold and unfold.



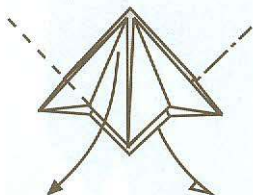
⑤ 開く。
Unfold.



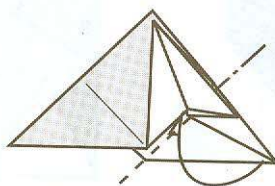
⑦ カドを折り上げながら
開いてつぶす
Fold a corner up and squash.



⑧ 4つとも同じように折る
Do the same on all four corners.

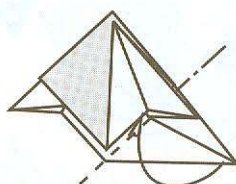


⑨ 2つのカドだけ折り下げる
Fold corners down.

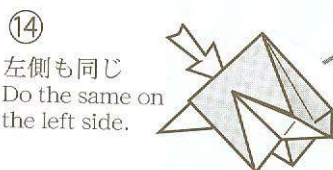


⑩ 中割り折り
Inside reverse fold.

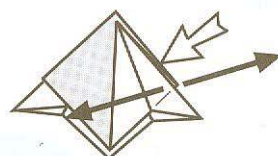
裏返す
Turn the
model over



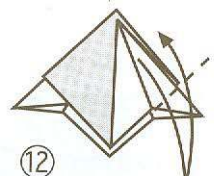
⑪ 中割り折り
Inside reverse fold.



⑭ 左側も同じ
Do the same on
the left side.

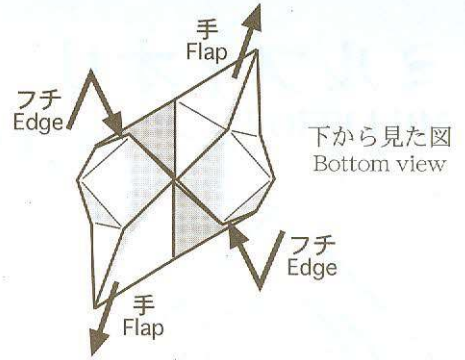
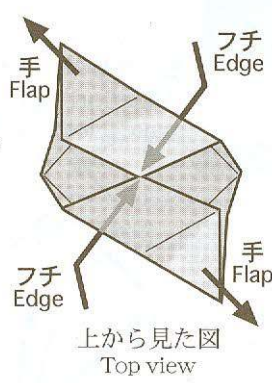


⑬ 中央を開いて、
中を平らにする。
Open the pockets
and make the
center area flat.



⑫ 折り目をつける。
裏も同じ。
Fold and unfold.
Do the same on
the reverse side.

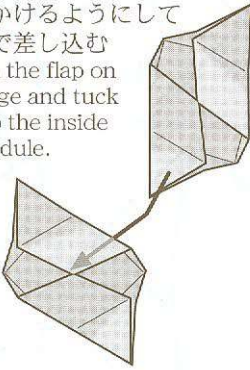
「スピカ」のユニット
The SPICA module
同じものを 30 個作ります。
You need 30 modules.



組み方 / Assembly

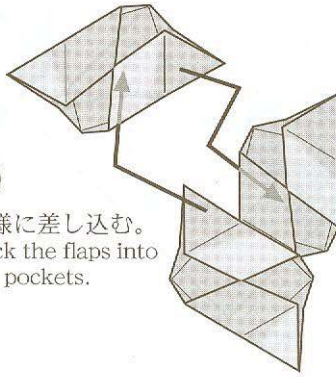
①

別のユニットのフチに手を
ひっかけるようにして
奥まで差し込む
Catch the flap on
an edge and tuck
it into the inside
of module.

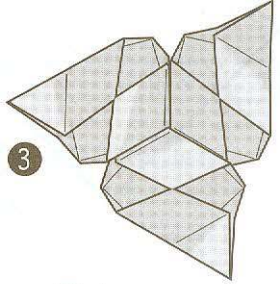


②

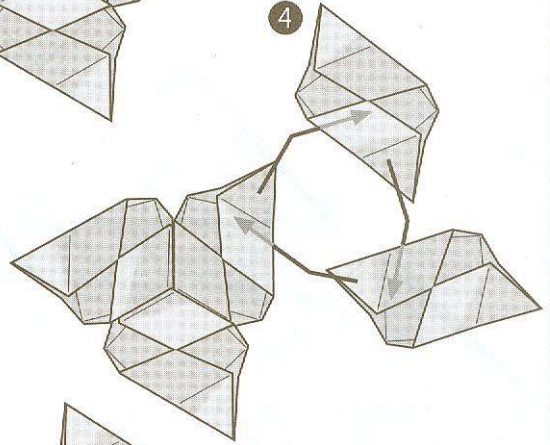
同様に差し込む。
Tuck the flaps into
the pockets.



③

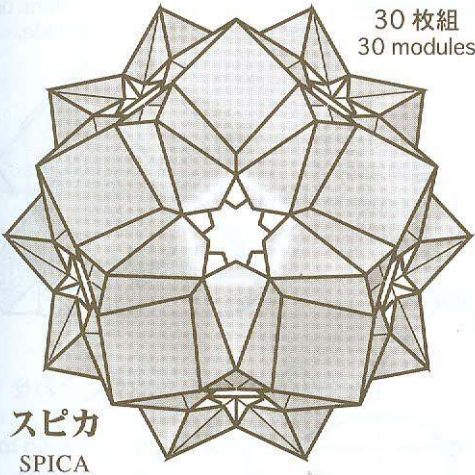
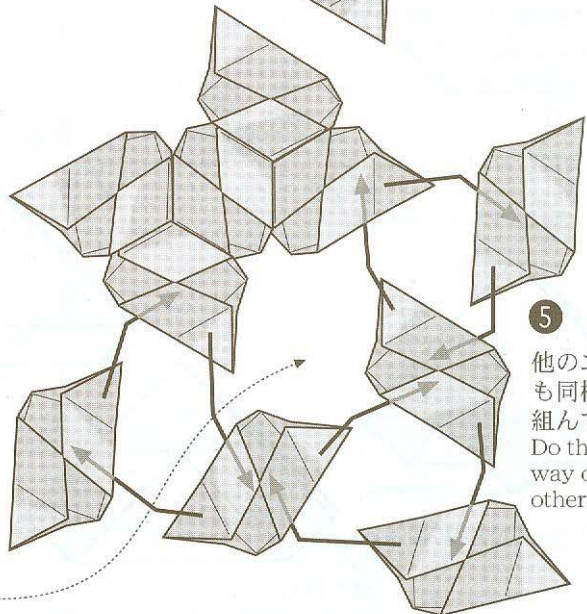


④



⑤

他のユニット
も同様に
組んでいく
Do the same way on the
other modules.



ここは5つのユニット
でできています。
This hole is formed
by 5 modules.

Design : 20111209

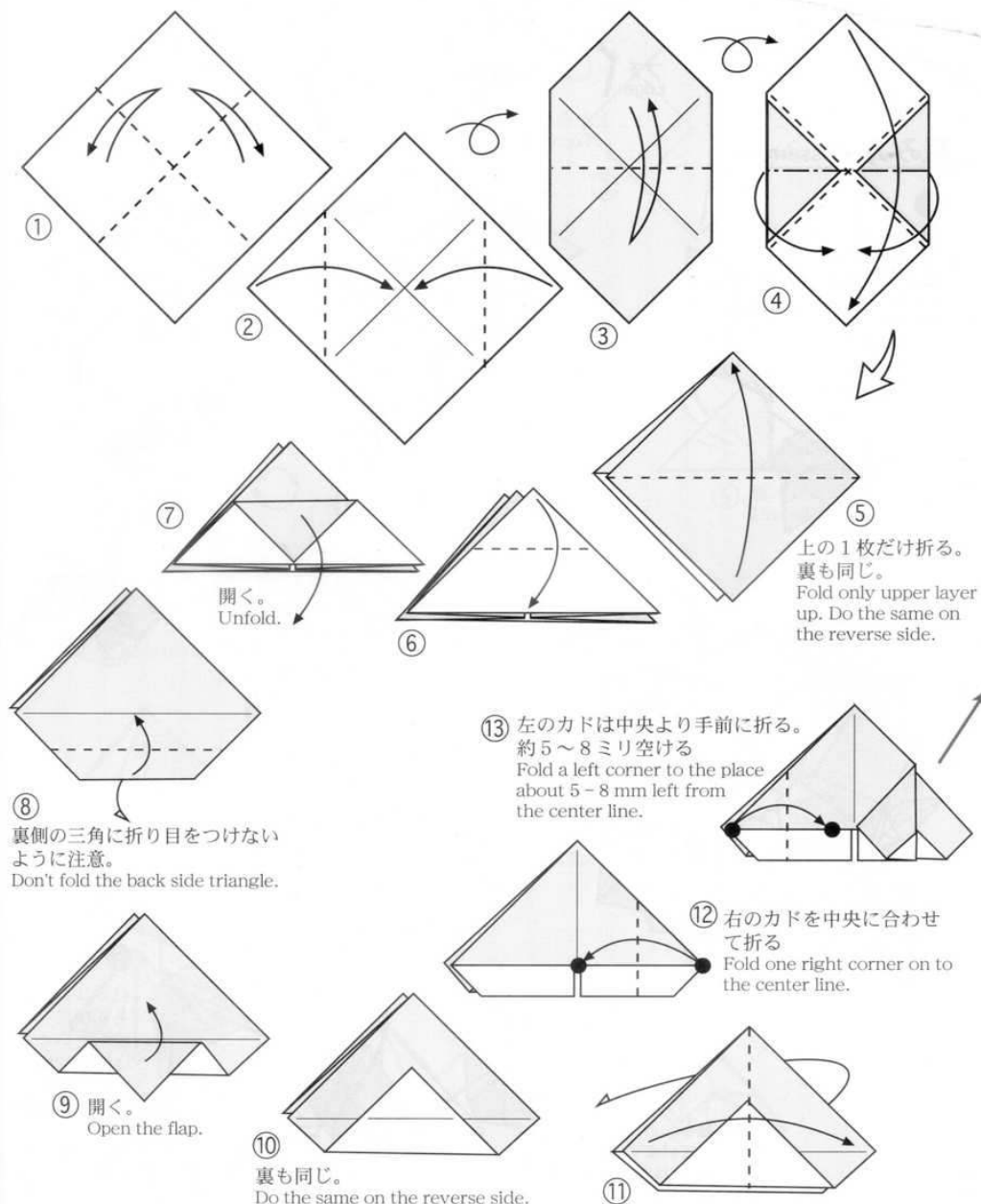
ミルフィオリ

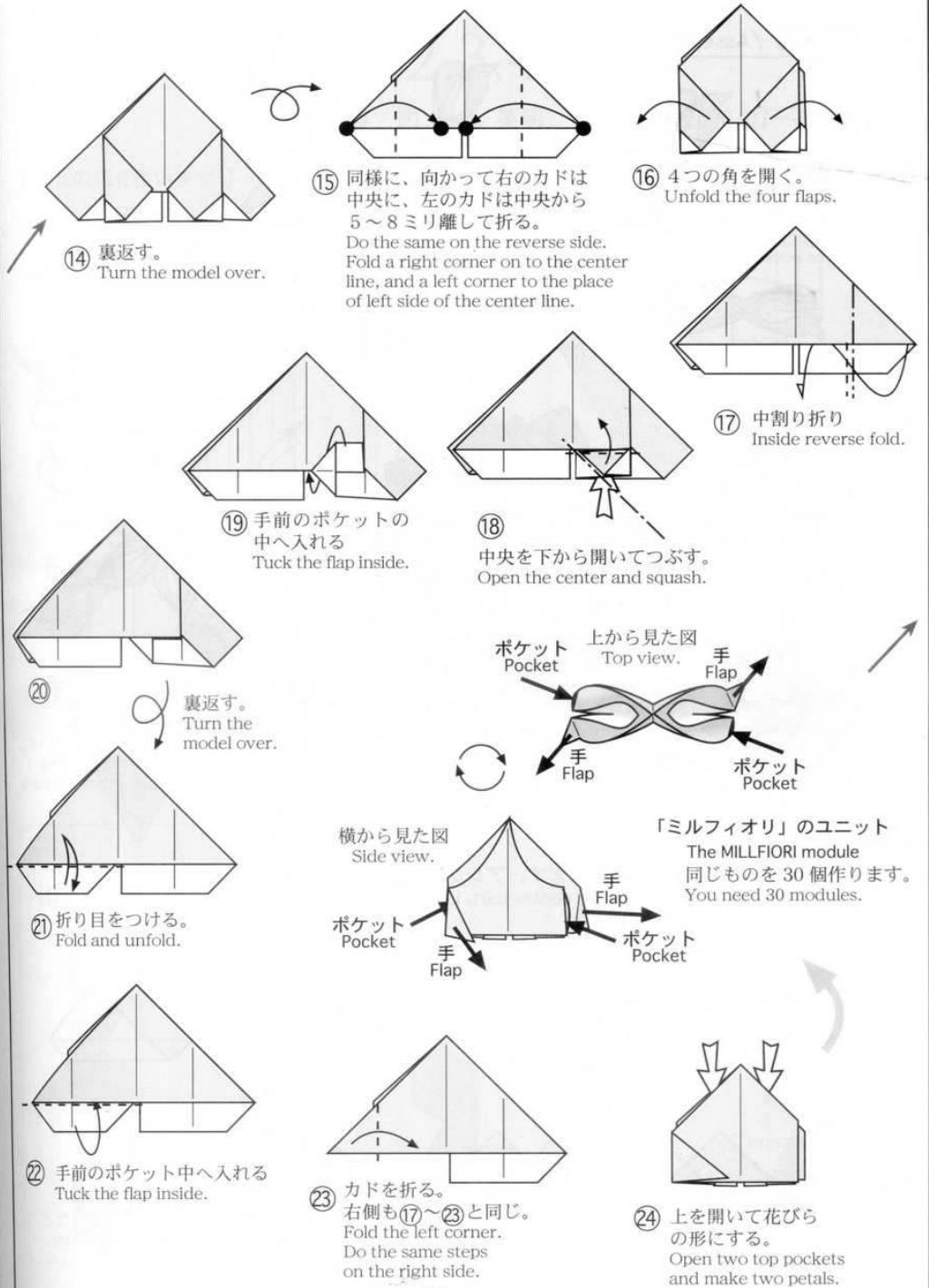
MILLEFIORI

©2012 Miyuki Kawamura
川村みゆき

「ミルフィオリ」というのは「千の花」という意味のイタリア語です。花の中央部分の折り方を変えると無数のバリエーションが出来ます。

"Millefiori" means thousand flowers. You can make a lot of variation of flowers.





組み方 / Assembly

1

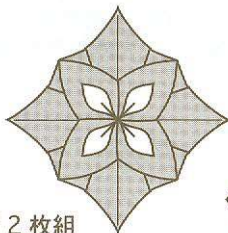
差し込む。
Tuck the flap into the pocket.

2

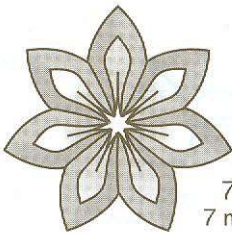
それぞれ差し込む。
Tuck the flaps into the pockets.

3

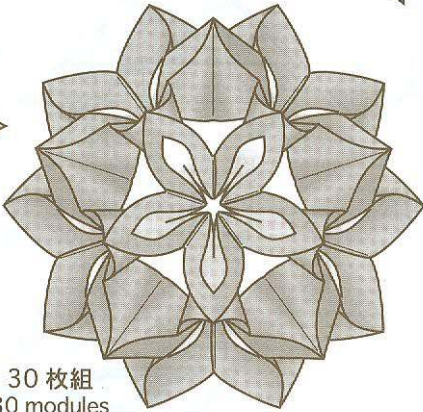
穴が3角形になるように組む。
残りのユニットも同様に組んでいく。
Assemble and make a triangle ring.
Tuck and assemble the other modules in the same way.



12 枚組
12 modules



7 枚組
7 modules

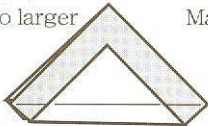


30 枚組
30 modules

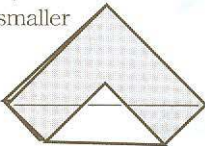
「ミルフィオリ」
MILLEFIORI

花の中心部分は好きな形に作れます。アレンジを楽しんでください。
There are many arrangement of center part. Let's fun!

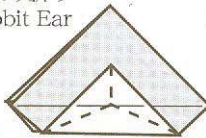
大きく
Make to larger



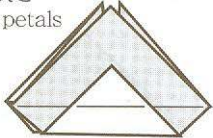
小さく
Make to smaller



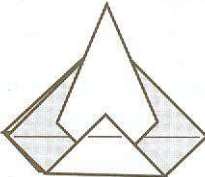
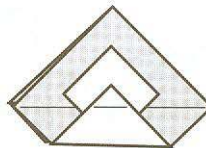
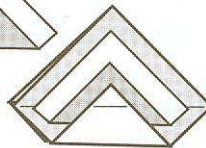
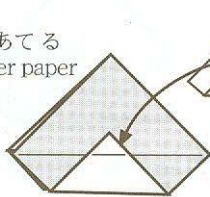
つまみ折り
Rabbit Ear



八重咲き
Double petals



他の紙をあてる
Add another paper



など
etc...

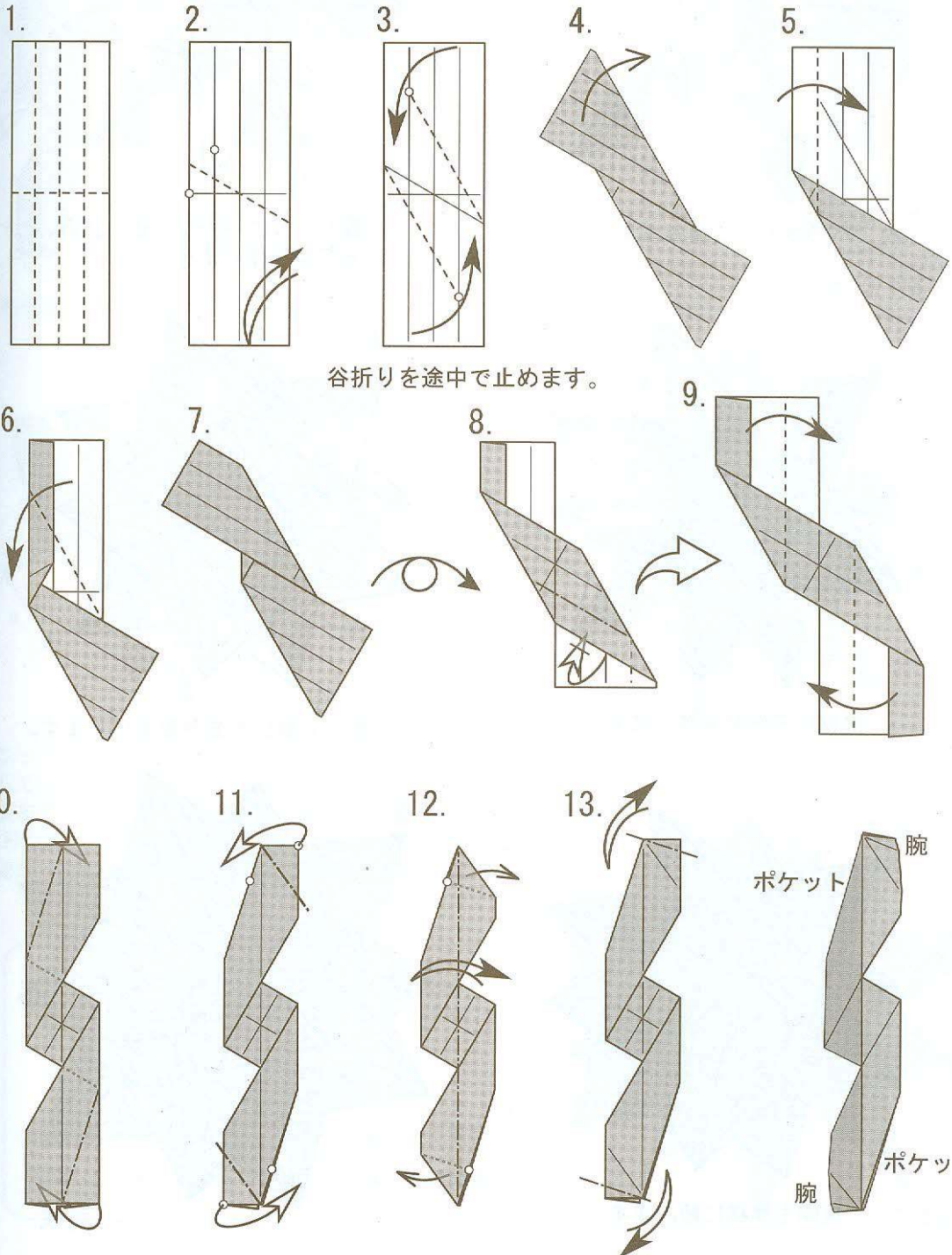
ASTERISK 1,2,3,4

作 / 図 川島 英明
©2006 Kawashima Hideaki

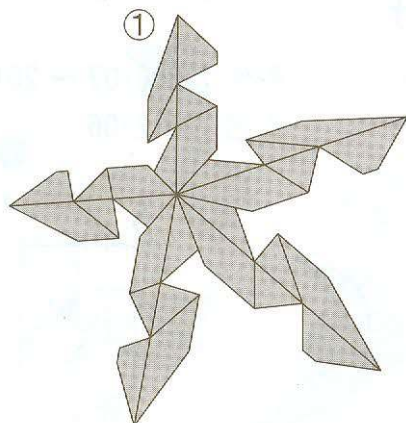
創作 : 2006/07 ~ 2011/12

作図 : 2012/06

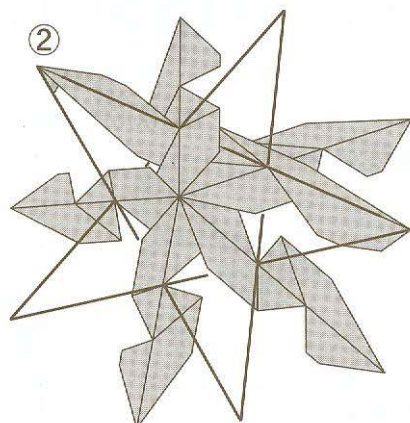
【 1:3 の紙を使います 】



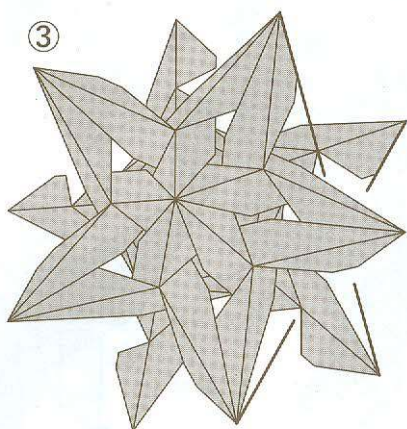
【 ASTERISK -1- 小星型十二面体 Small stellated dodecahedron 】



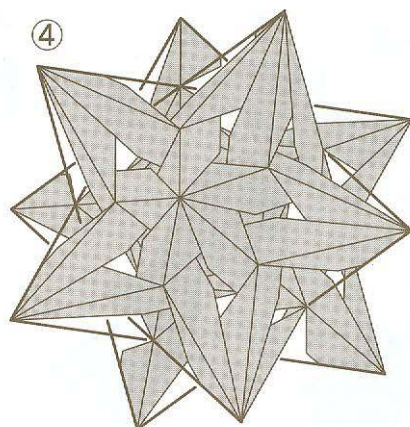
パーツを5つ組みます。



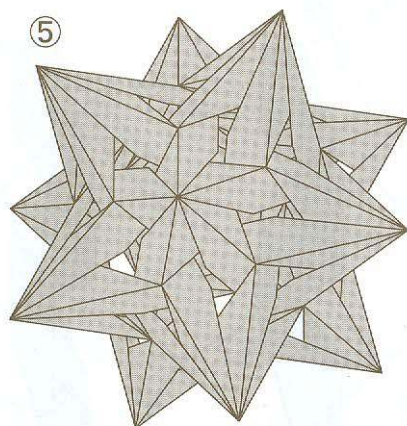
編むようにパーツを差し込み、
五芒星を作ります。



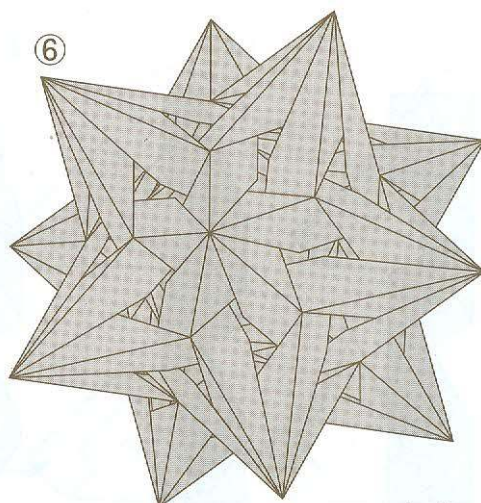
同様に五芒星を作ります。



残りも繋いで五芒星を作ります。

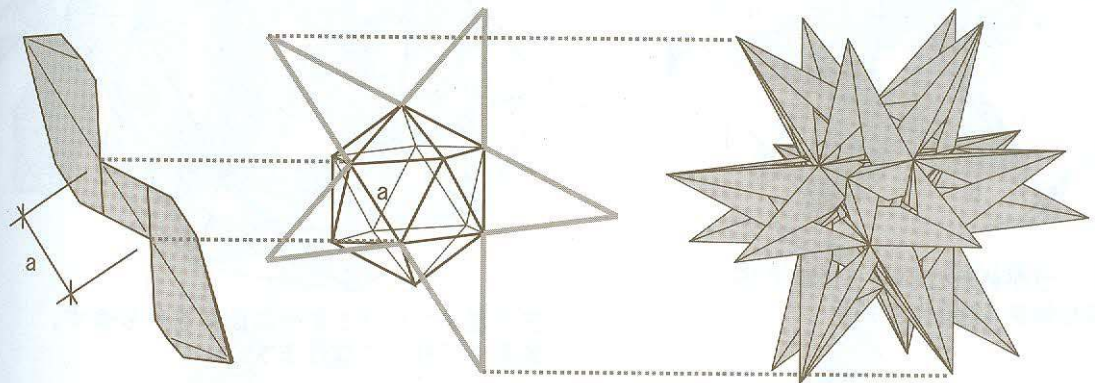
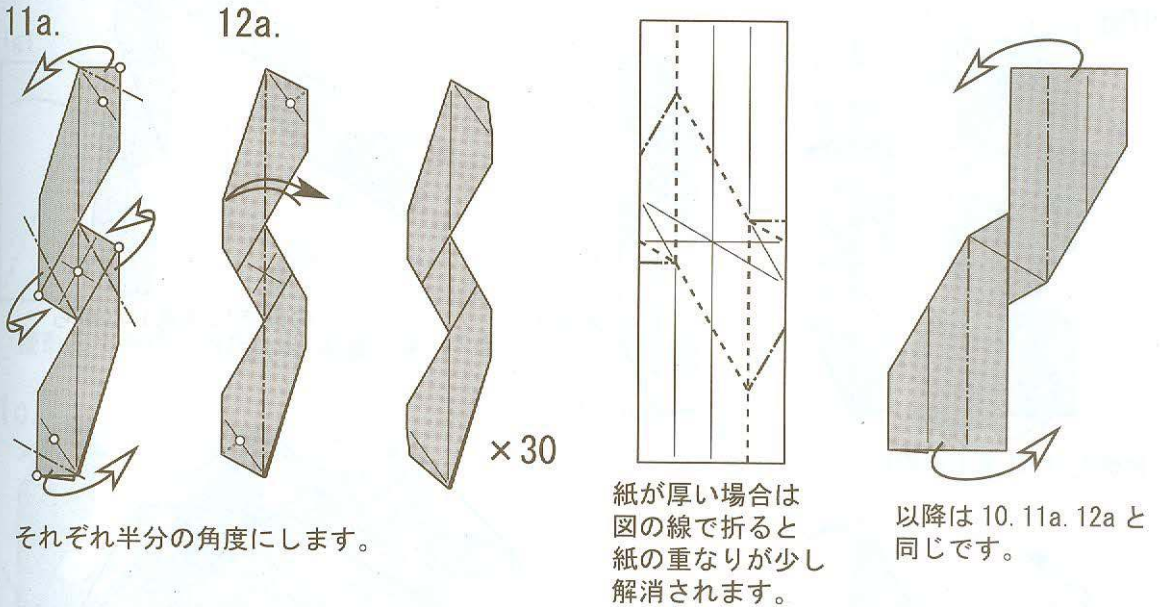


裏側も同様に組みます。

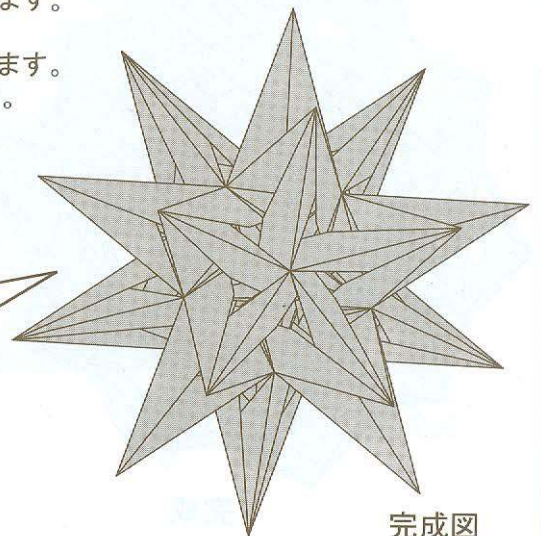


完成

【 ASTERISK -2- 大星型十二面体 Great stellated dodecahedron 】



ユニットの中心部分を一辺 a として正二十面体を組みます。
 組んでは外しを繰り返し、編むように作り進めます。
 最後までポケットに腕を差し込まない方が綺麗に作れます。
 ASTERISK シリーズの中でも特にに組みづらい構造です。
 長辺が 15cm 以上で薄手の紙を使う事をお勧めします。



完成図

小星型十二面体と大星型十二面体の形がイメージしづらい方は、以下のサイトを PC でご覧になってみて下さい。
 回転する立体の画像があります。

<http://ja.wikipedia.org/wiki/小星型十二面体>

<http://ja.wikipedia.org/wiki/大星型十二面体>

【 ASTERISK -3- 正十二面体 Regular dodecahedron 】

10b.



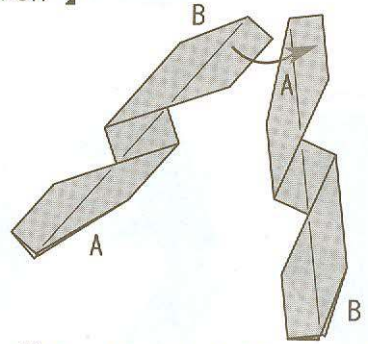
11b.



腕
A ポケット

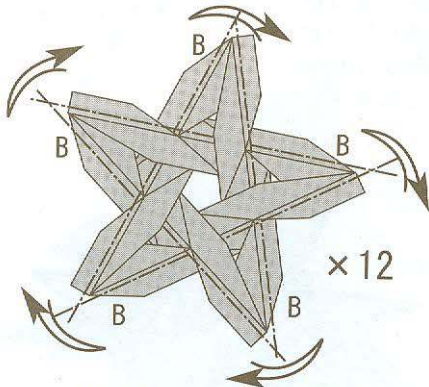
× 60

腕
B ポケット



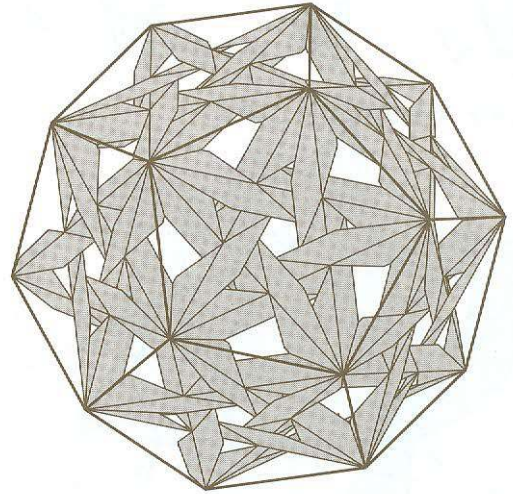
ポケットの向きに注意しながら
五芒星を作ります。

片側だけ 60 度で中割折り

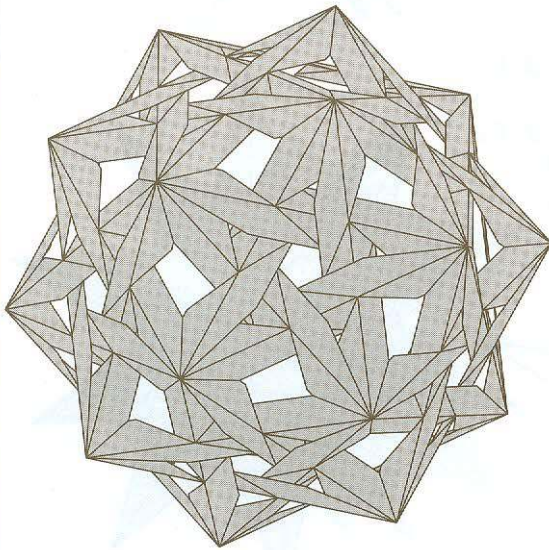


× 12

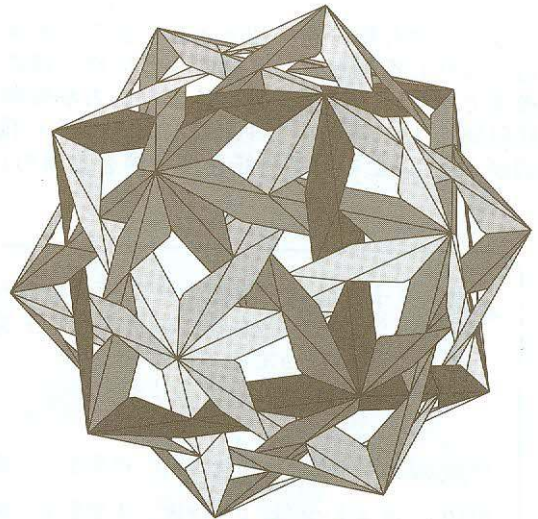
パーツが外れないように軽く折ります。
同じ物を 12 個作ります



五芒星をつなげて正十二面体を作ります。
裏側も同様につなぎます。



完成



5 つの複合立方体 の配色

A color scheme like a Compound of 5 Cubes

Zero Cube ～ 吾唯知不足 By Kasumi

作／2010.2 霞誠志

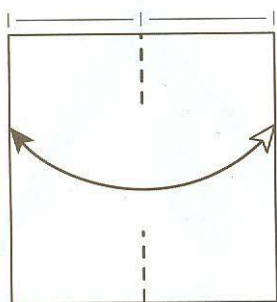
この作品は6枚組みのユニット作品です。組み上げた時に接しているユニット同士に隙間がありません。隙間（空間）が無いと言うのが「ZERO-CUBE」の名の由来です。

また、サブタイトルの「吾唯知不足」とは、枯山水の方丈石庭で有名な龍安寺の蹲踞（つくばい）に刻まれている「吾唯知足」の振りです。【吾唯知足とは：われ、ただ足るを知るく欲を出してはいけないと言う戒めです】

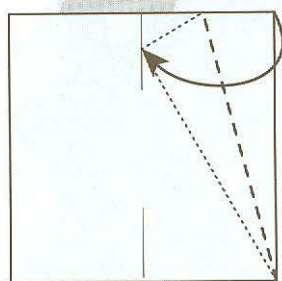
実はこの作品の展開図は正確には正方形の中に収まりません。折りやすくするため、中心線の傾きを近似値の15度していますが、展開図の辺を正方形の縁に正確に合わせる為には、約16度の傾きが必要です・・・しかし、そうすると一部のカドの先端がほんの僅か、正方形からはみ出てしまいます・・・吾唯知不足。



1. 図の位置に折筋を付ける



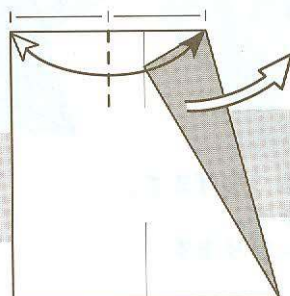
2. 折筋にカドを合わせて折る



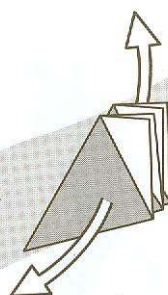
反対側も同じようにして折筋を付けたら全て開く



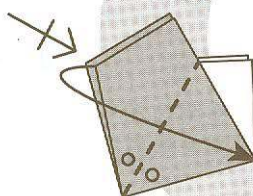
3. カドを合わせて折筋を付ける



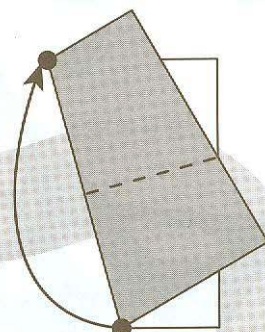
7. 折筋を付けたら全て開く



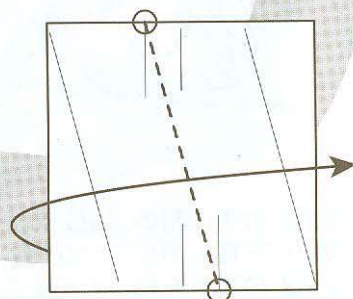
6. 縁を合わせて半分に折る 反対側も同じ



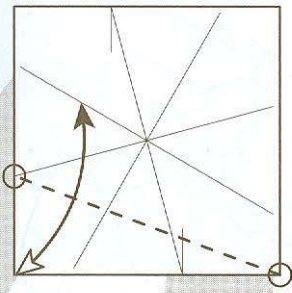
5. ●印を合わせて半分に折る



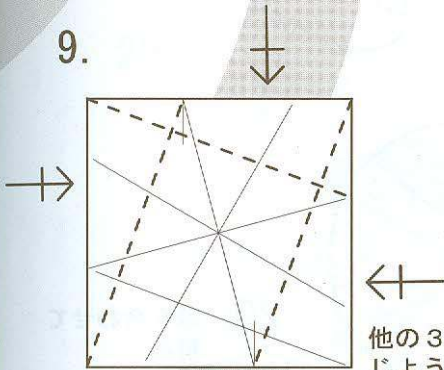
4. ○印を結ぶ線で折る



8. ○印を結ぶ線で折筋を付ける

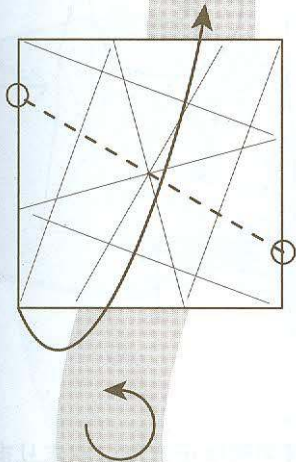


9.



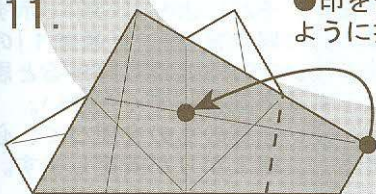
他の3箇所も同じようにして折筋を付ける

10. ○印を結ぶ線で折る

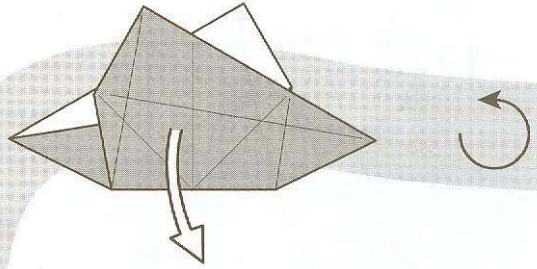


11.

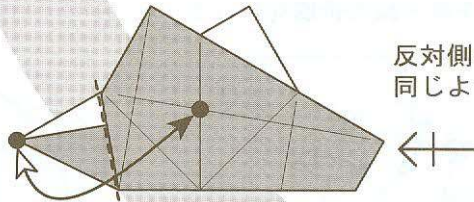
●印を合わせるように折る



16. 折筋を付けたら全て開く

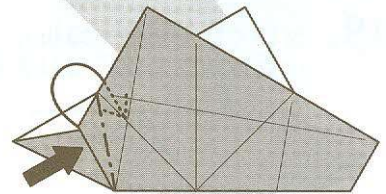


15. ●印を合わせるようにして折筋を付ける

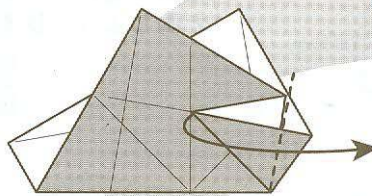


反対側も[11~15]と同じように折る

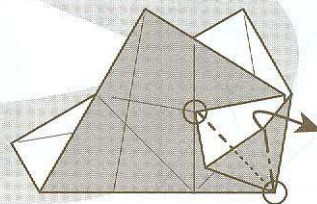
14. 小さいカドを中割折りするようにして内側に押し込む



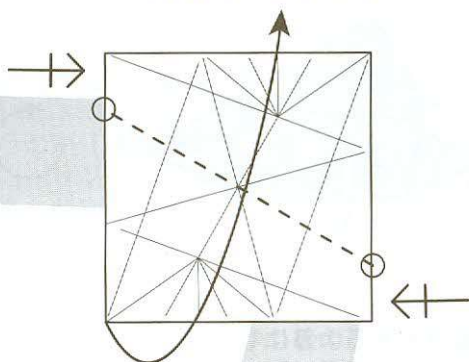
13. カドを反対側へ折る



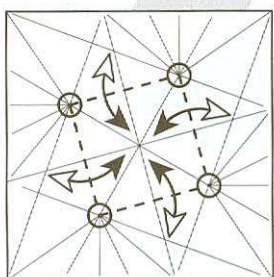
12. ○印を結ぶ線を谷折りしながらずらすように折る



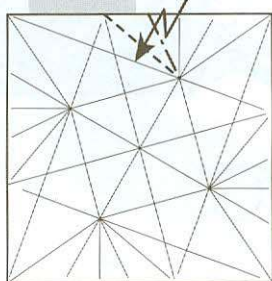
17. 他の2箇所も [10～16] と同じようにして折筋を付ける



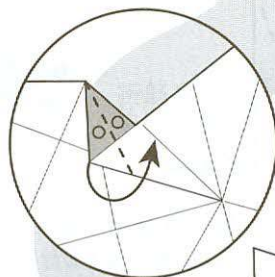
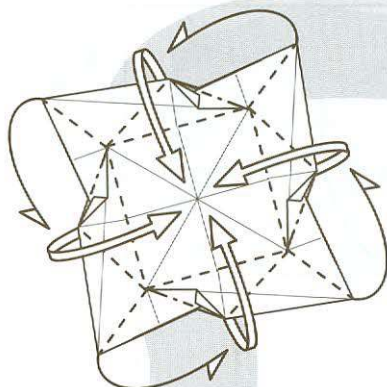
18. ○印を結ぶ線で折筋を付ける



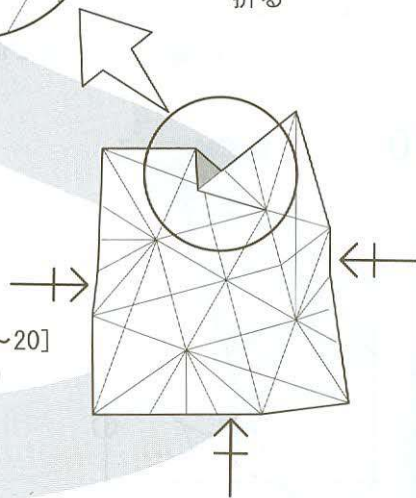
19. 付いている折筋で段折り（ここからは立体的な形状になります）



21. 四角錐になるようにまとめる

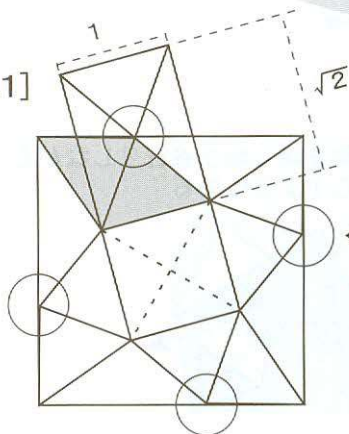


20. 縁を合わせて折る



他の3箇所も [19～20] と同じように折る

[図.1]



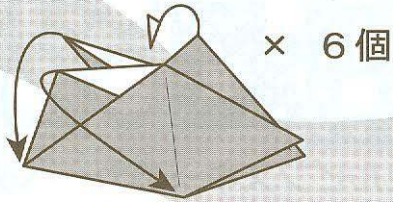
* . . . supplement . . . *

①誤差について：本来この展開図は正方形に収まりません。今回は、全てのカードを用紙内部に収める為、中心線の傾きを調整しています。それにより、○印で示す4ヶ所のカードが逆に用紙の縁に届きません（[図. 1]の比率を基に実際に展開図を描いてみると良く分かると思います）・・・折る時はうまく微調整してください。

②用紙について：少し硬い紙質のものを使って、必要な折筋だけを付けて折ると、組上がりが安定します。

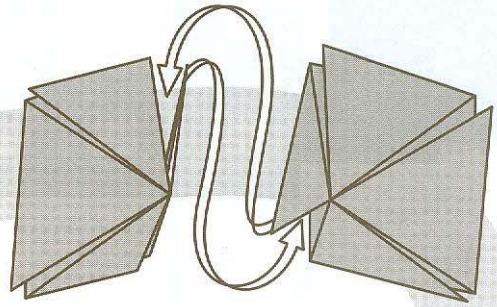
22. 4つのカドを下に下ろして形を整える

同じものを6個作る

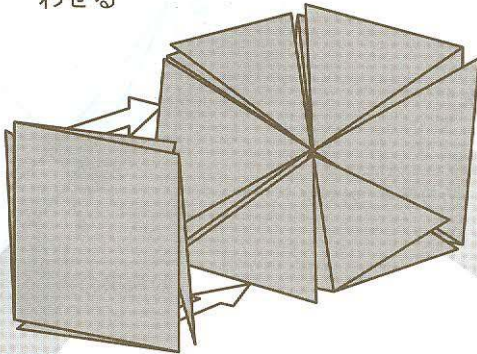


《組み方》

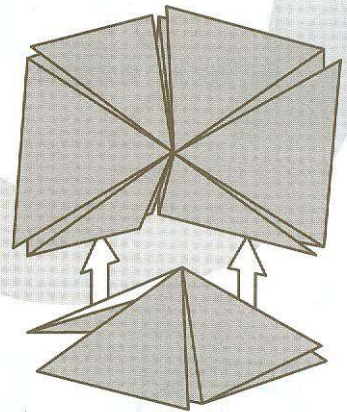
23. カドを交差させるように隙間に差し込んで組み合わせる



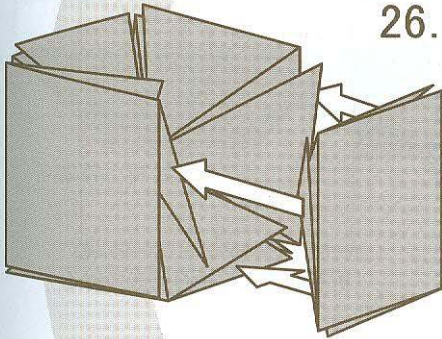
25. 4つ目のパーツもカドを2箇所差し込んで組み合わせる



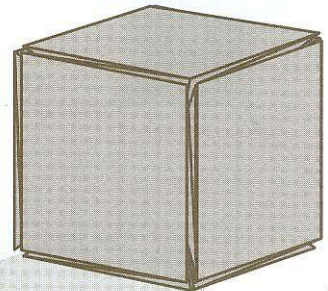
24. 3つ目のパーツはカドを2箇所差し込んで組み合わせる



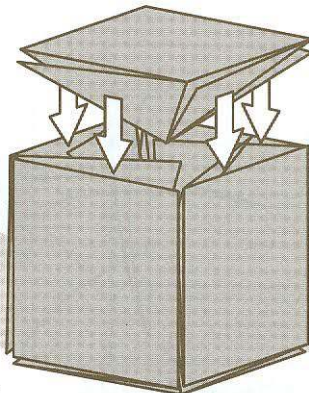
26. 5つ目のパーツはカドを3箇所差し込んで組み合わせる

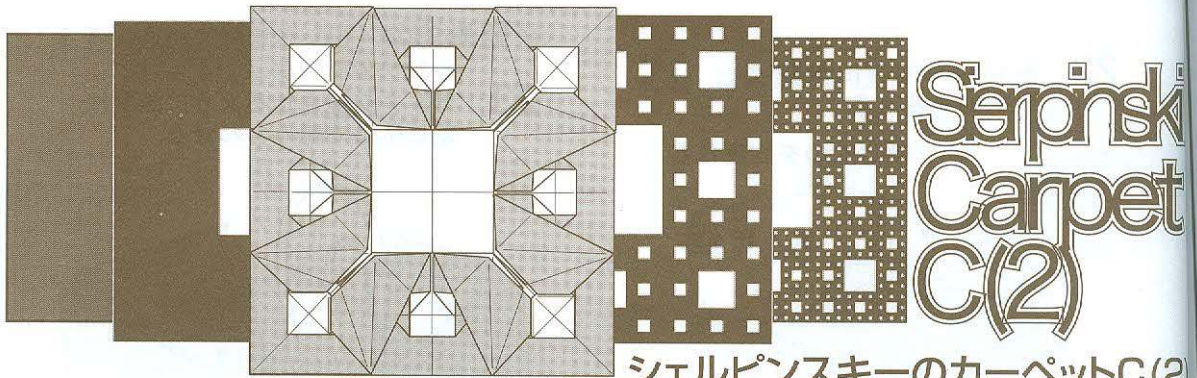


28. 完成

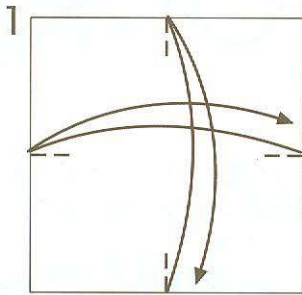


27. 6つ目のパーツは4箇所のカドを交差させて捻りながら差し込んでまとめる

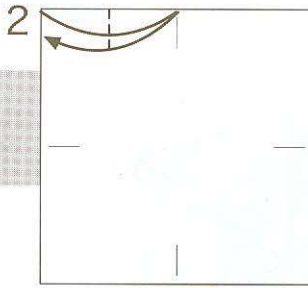




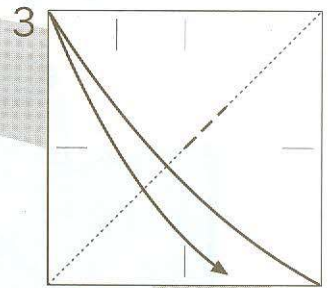
シェルピンスキーのカーペット C(2)
森末 圭 2012/01/28



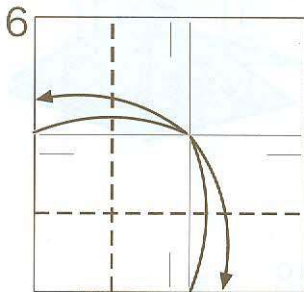
紙の端に折り筋をつける



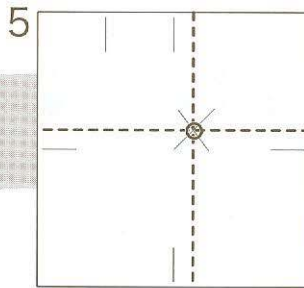
紙の端に折り筋をつける



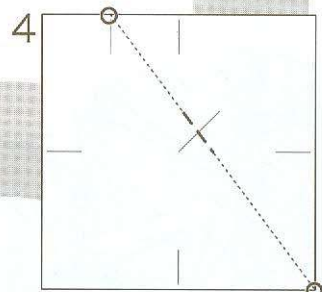
対角線の折り筋をつける



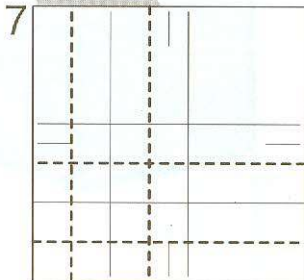
折り筋に合わせて折り筋をつける



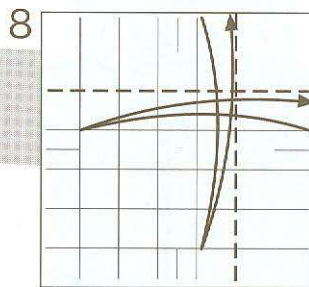
○を通る折り筋をつける



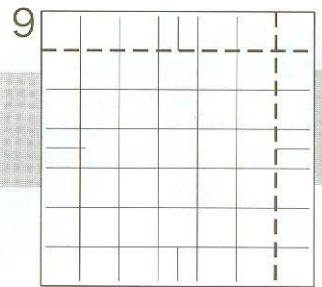
折り筋の上に折り筋をつける



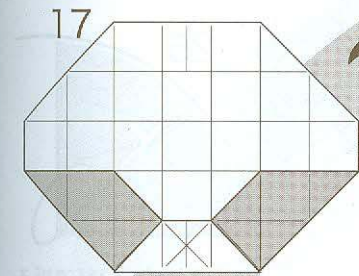
半分に折り筋をつける



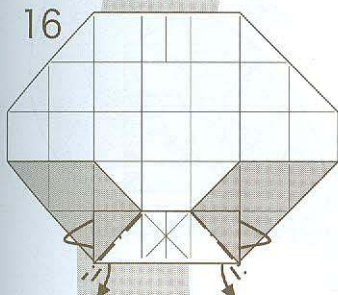
半分に折り筋をつける



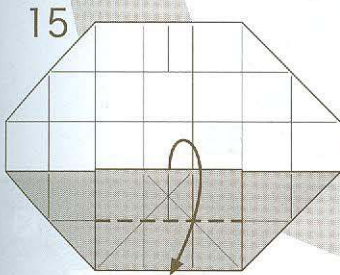
半分に折り筋をつける



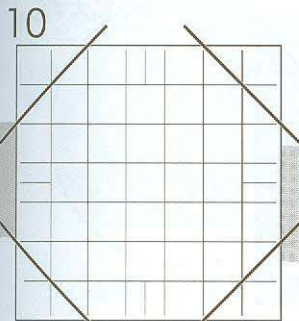
17
残りの3箇所も12-16と同様に折る



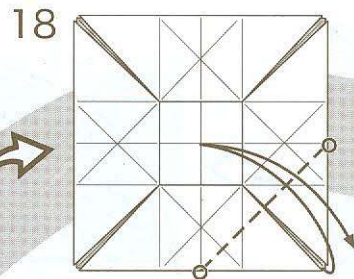
16
中割り折り



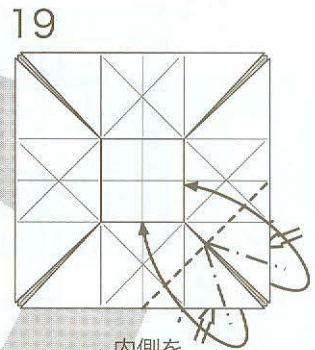
15
半分に折る



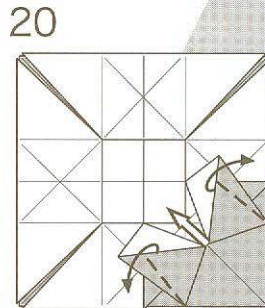
10
四隅を切り落とす



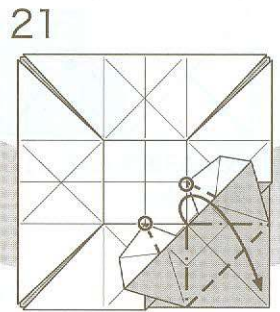
18
折り筋をつける



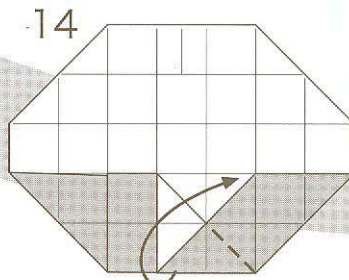
19
内側をひろげてつぶす



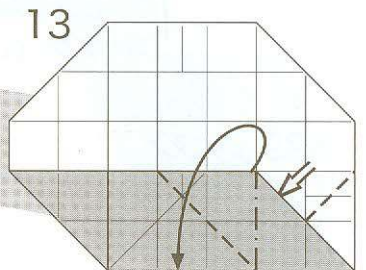
20
内側の紙を引き出す



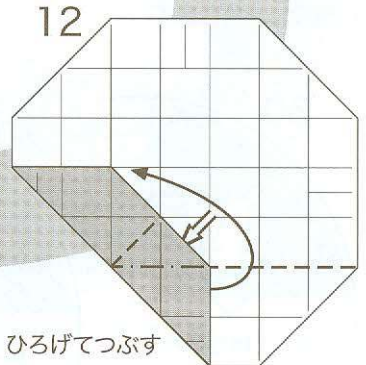
21
内側をひろげてつぶす



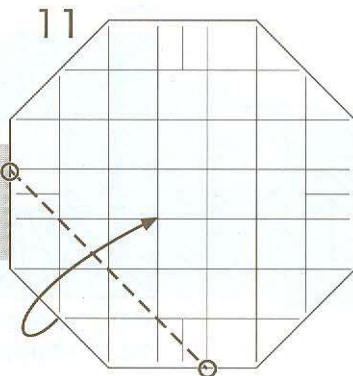
14
カドを倒す

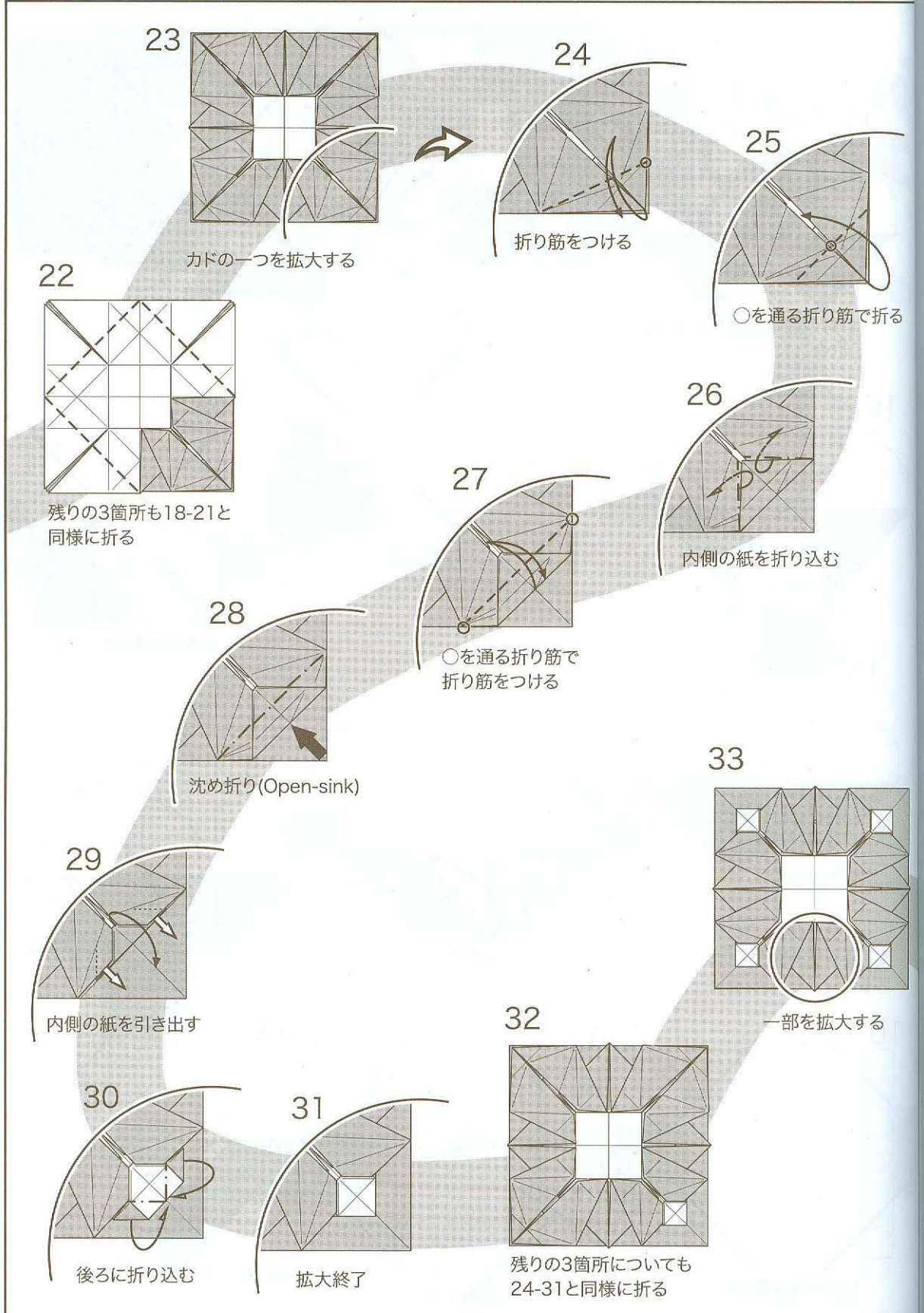


13
ひろげてつぶす

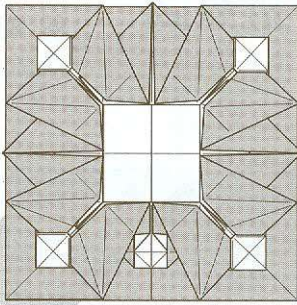


12
ひろげてつぶす



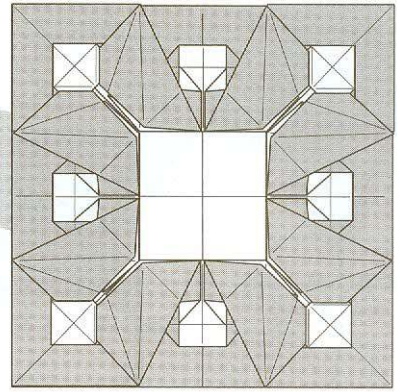


41



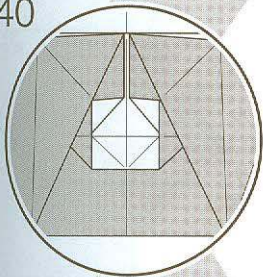
残りの3箇所も34-40と同様に折る

42



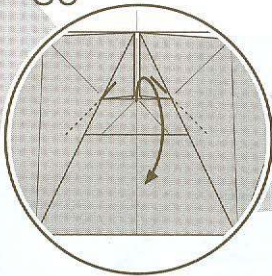
完成

40



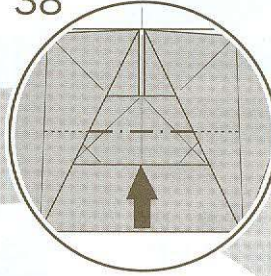
拡大終了

39



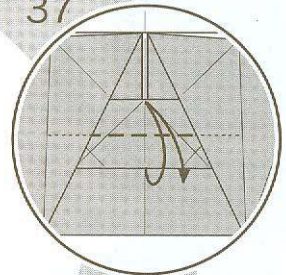
内側の紙を引き出す

38



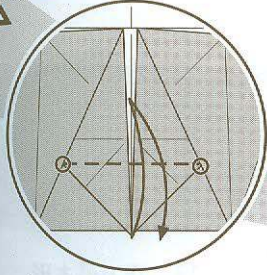
沈め折り(Closed-sink)

37



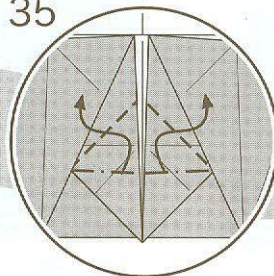
半分に折り筋をつける

34



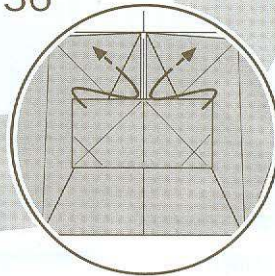
○を通る折り筋をつける

35



内側をひろげてつぶす

36



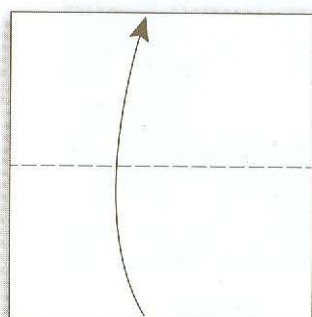
カドを後ろの隙間に差し込む

鶴（伝承）ピュアランド折り図

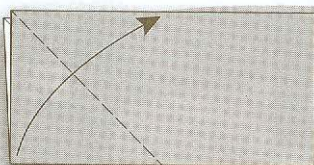
Crane (Traditional) Purland Diagram

館 知宏

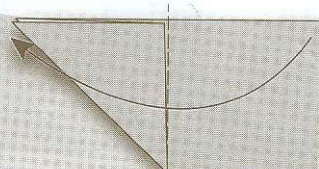
Tomohiro Tachi



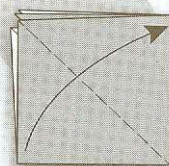
1.



2.

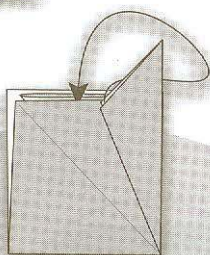


3.

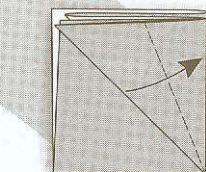


4.

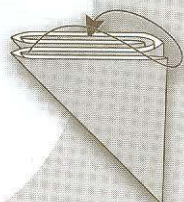
この作品は、2012年コンテストテーマ「ピュアランド折り紙」のルール策定にあたって交わされた、「層の入れ替え操作の組み合わせで中割折りが作れる」という議論から着想を得たものです。



8. 襷を差し込んで
順序の入れ替え



7.

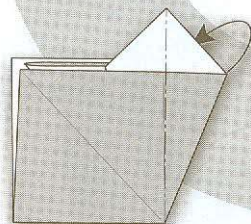


5. 襷を差し込んで
順序の入れ替え

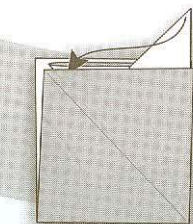


9. 開く

6. 折りを開いて
角を引き出す



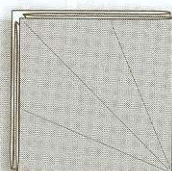
10. すぐ後ろの層に
差し込む



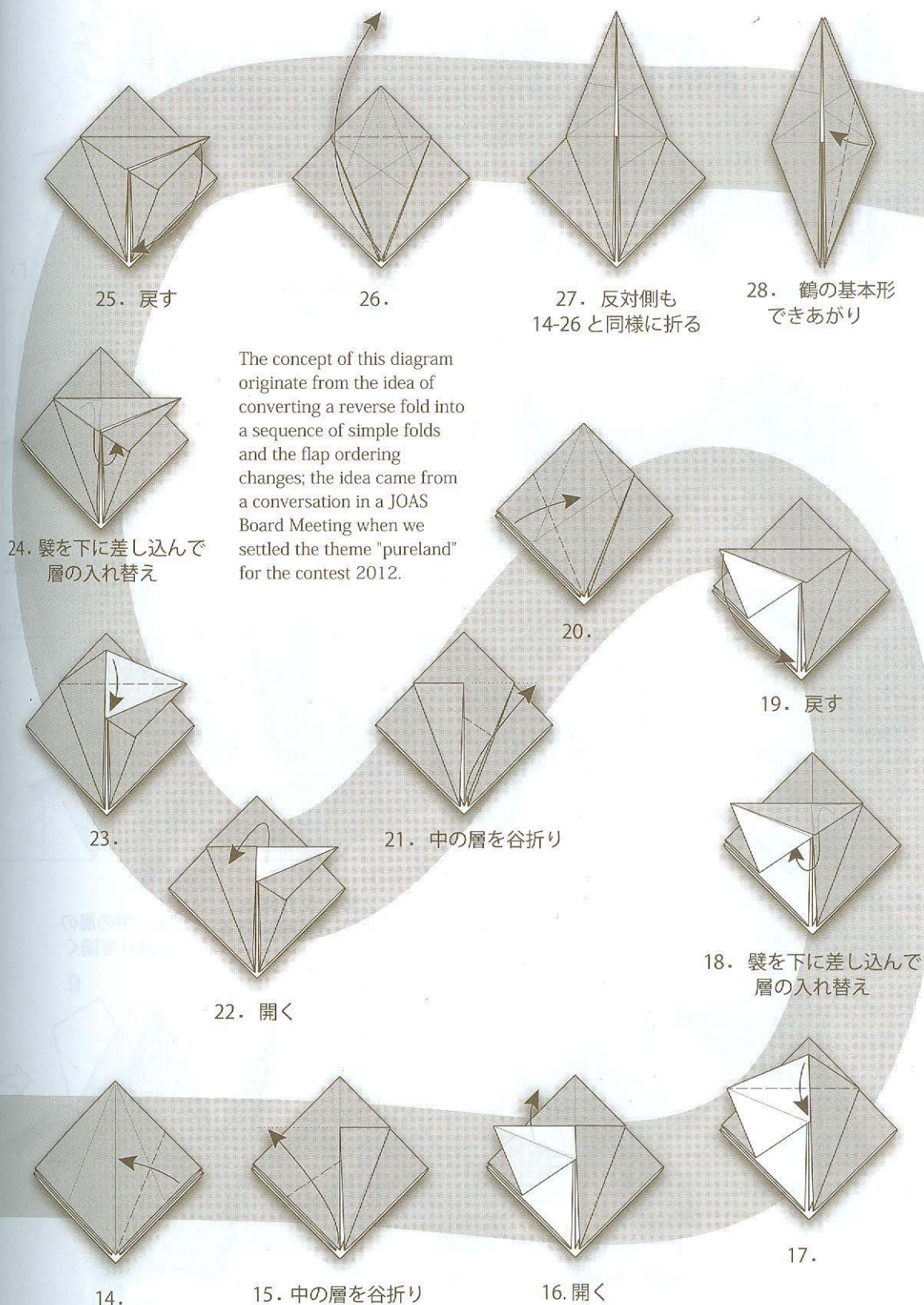
11. 中の層の
谷折りを開く

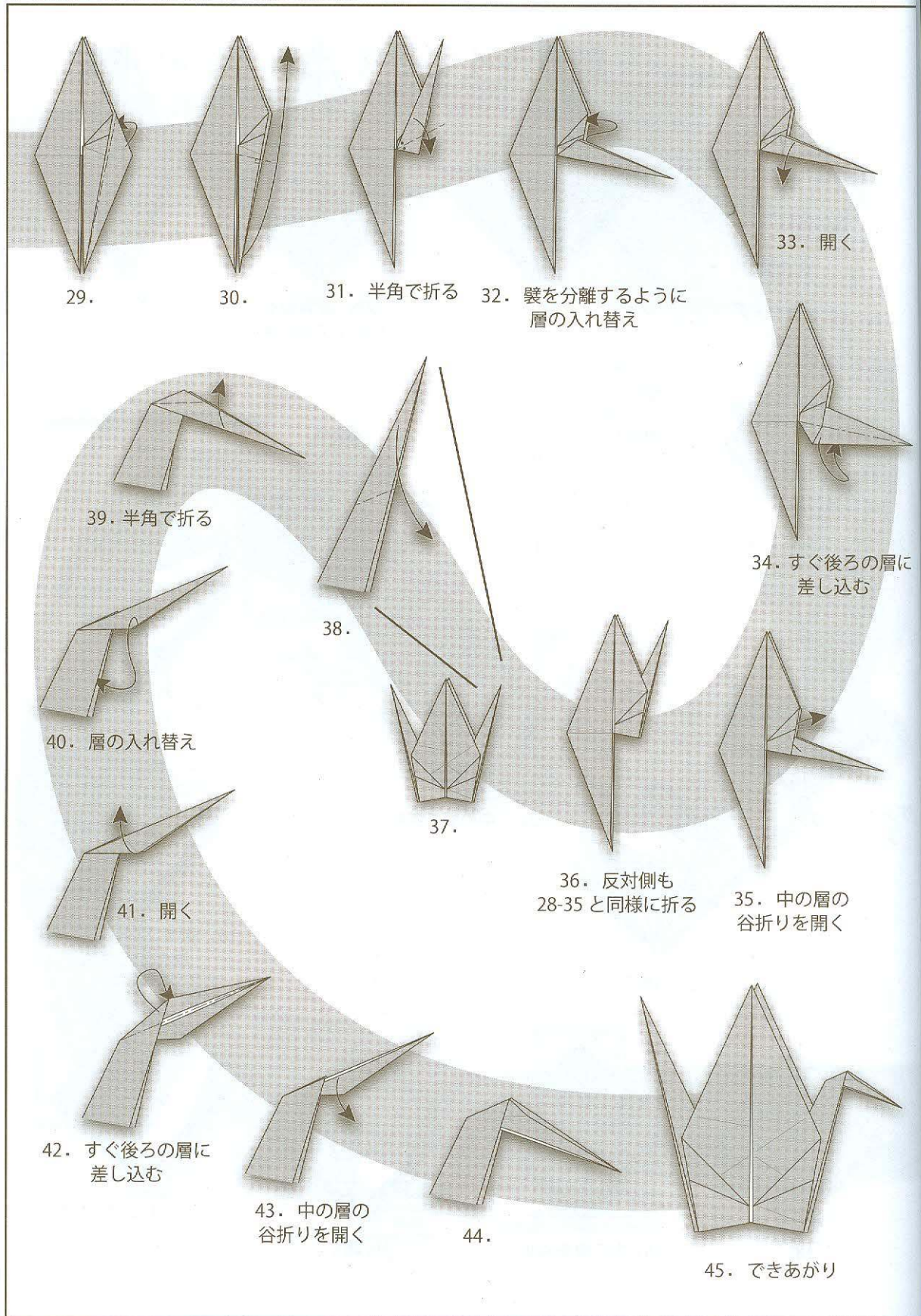


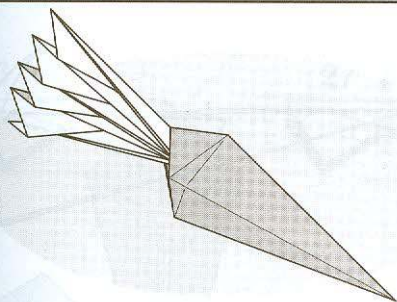
12.



13. 正方基本形
できあがり







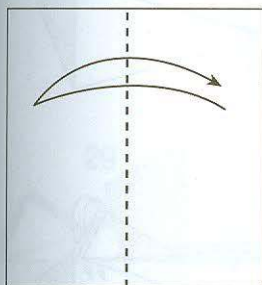
にんじん

Carrot

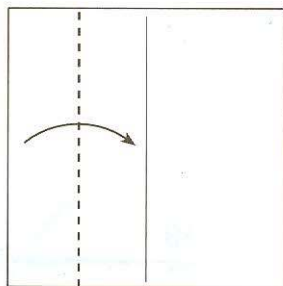
前川淳

MAEKAWA Jun

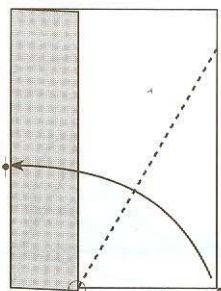
1



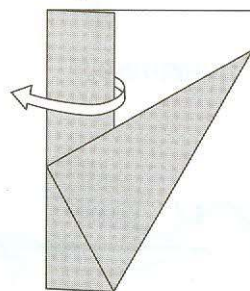
2



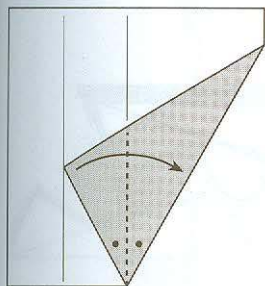
3



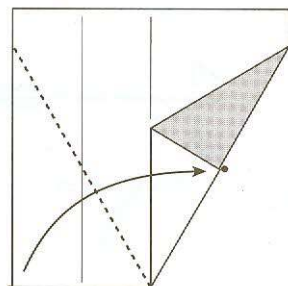
4



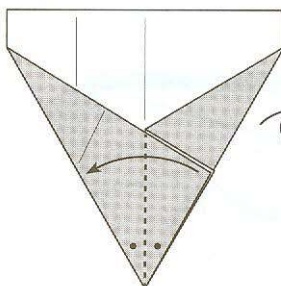
5



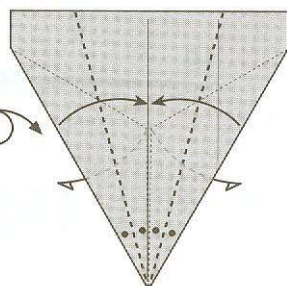
6



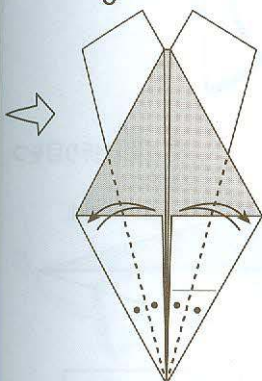
7



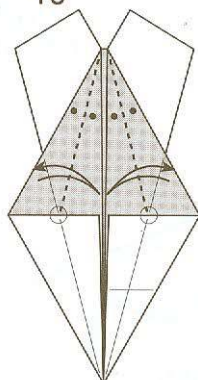
8



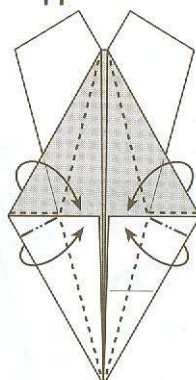
9



10



11

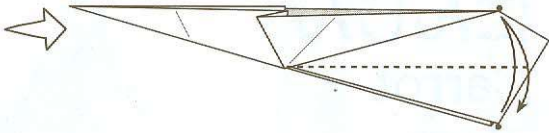


12

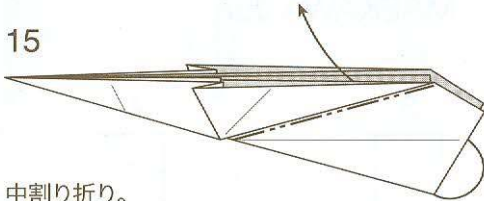


注意! : つまみ折りの
ひだは下向き。

13

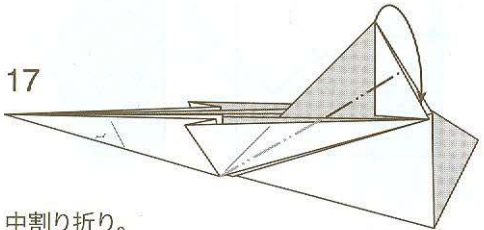


15



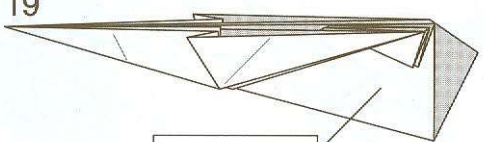
中割り折り。

17



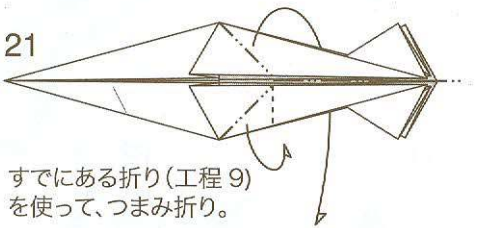
中割り折り。

19



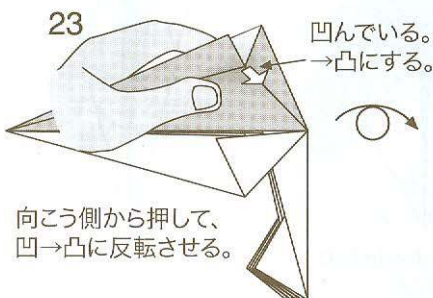
13-18と同じ

21



すでにある折り(工程 9)を使って、つまみ折り。

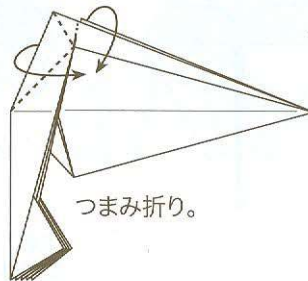
23



向こう側から押して、凹→凸に反転させる。

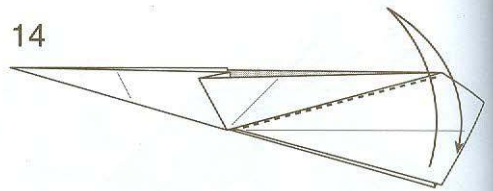
凹んでいる。
→凸にする。

24

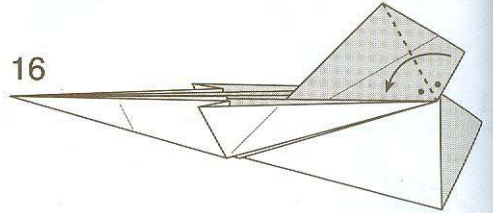


つまみ折り。

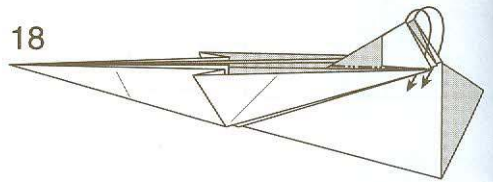
14



16

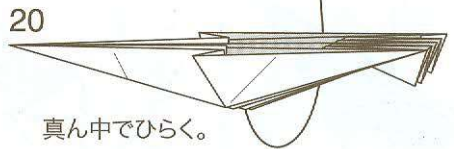


18



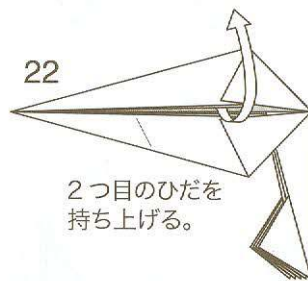
中割り折り。

20



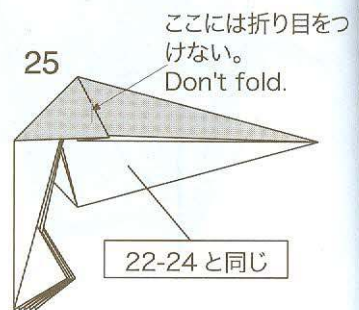
真ん中でひらく。

22



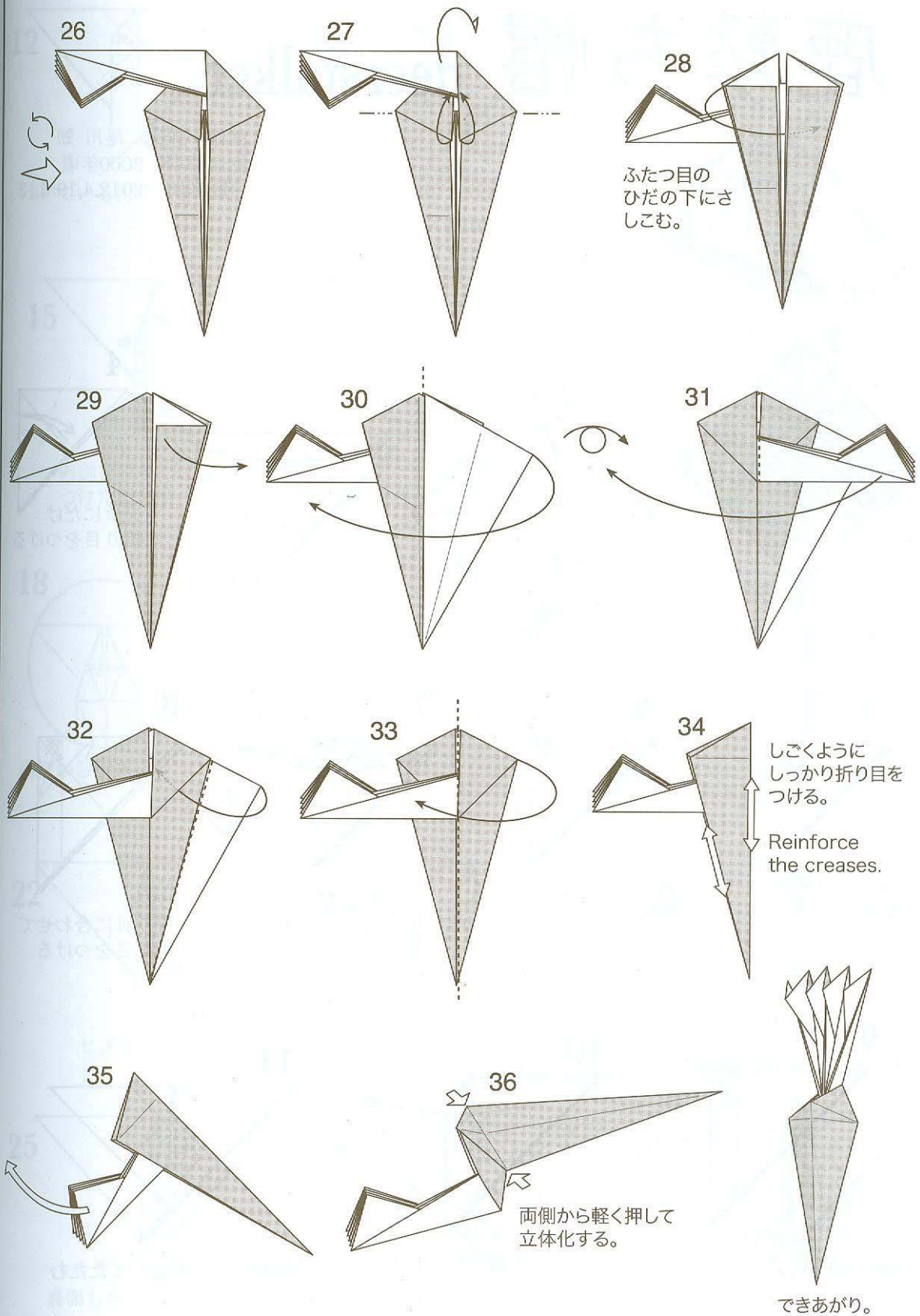
2つ目のひだを持ち上げる。

25

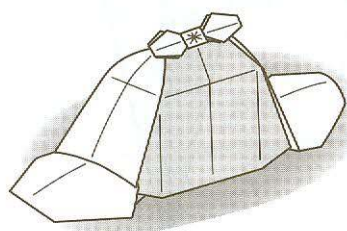


ここには折り目をつけない。
Don't fold.

22-24と同じ

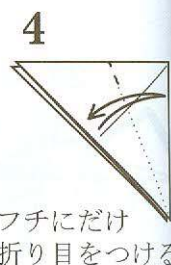
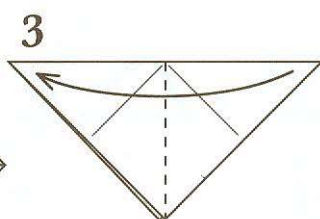
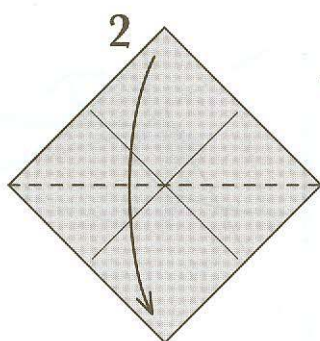
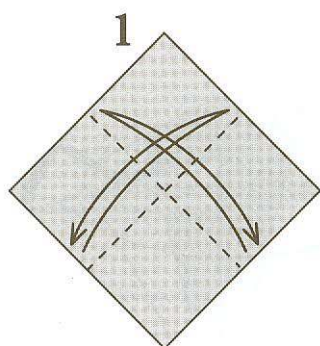


鹿撃ち帽 deerstalker

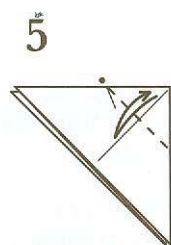


創作・作図 尾川 知
 創作時期 2000年頃
 作図期間 2012.4.19-6.12

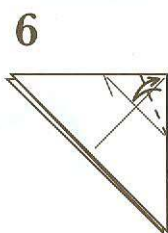
高名な私立探偵のトレードマークを
 モチーフとしたものです。
 折紙探偵がかぶるのかもしれませんが。



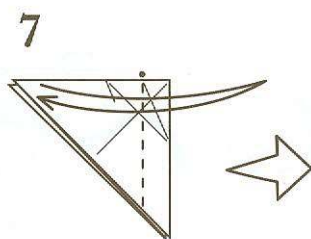
フチにだけ
 折り目をつける



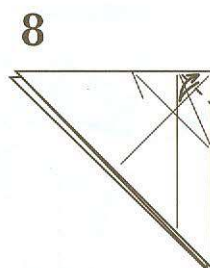
交点を目印に
 折り目をつける



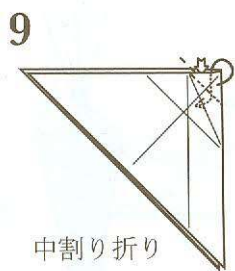
折り目に合わせて
 折り目をつける



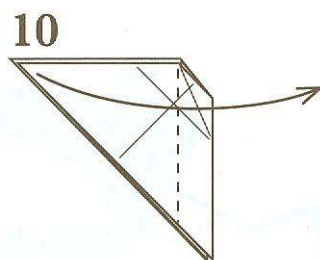
交点を目印に
 折り目をつける
 裏側も同じように



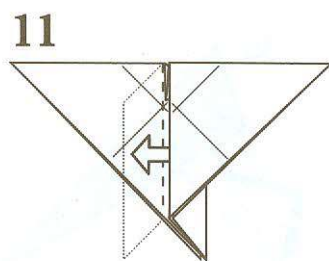
折り目に合わせて
 折り目をつける



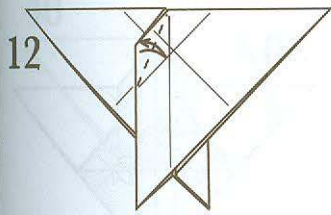
中割り折り
 （以下、折り目を
 適宜省略して示す）



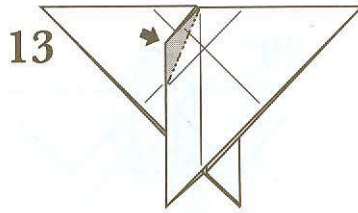
ついている折り目で折る



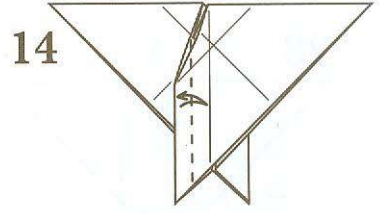
内側から引き出してたたむ



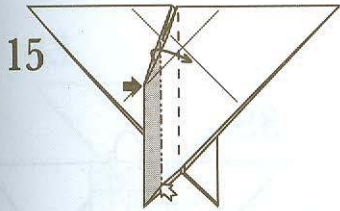
12 ついている折り目をつけなおす



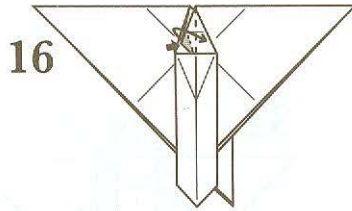
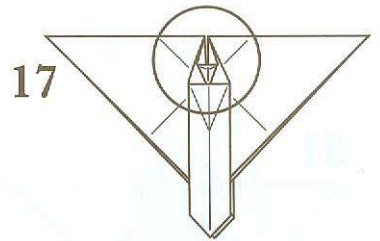
13 しずめ折り (Open sink)



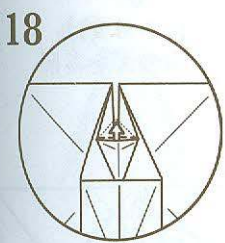
14 フチを折り目に合わせて折り目をつける



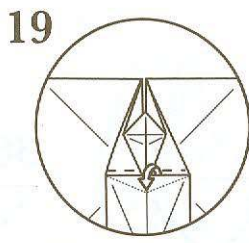
15 内側をひろげてつけた折り目でたたむ

16 つぶしてたたむ
裏側も12-16と同様に折る

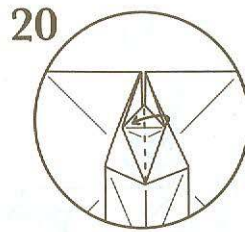
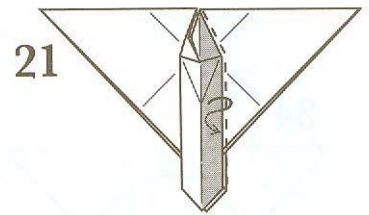
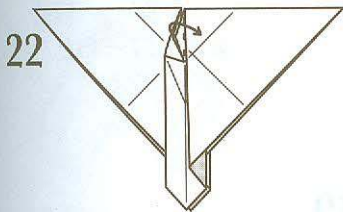
17 次の図から円の中を拡大して示す



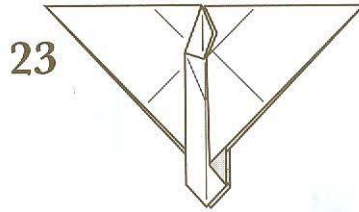
18 内側から引き出す



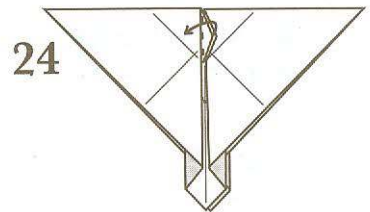
19 内側から引き出す

20 ヒダを一枚めくる
次の図から再び全体を示す21 色の濃い部分を
しずめ折り

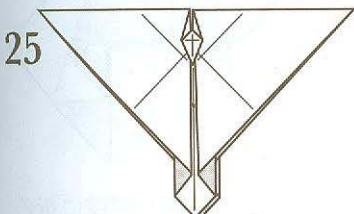
22 ヒダを1枚めくる



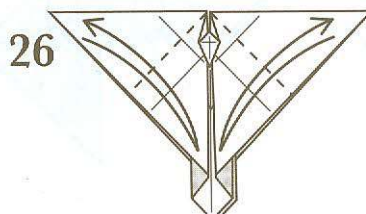
23 左側も21と同様に折る



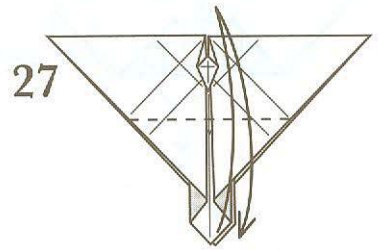
24 ヒダを1枚めくる



25 裏側も19-24と同様に折る

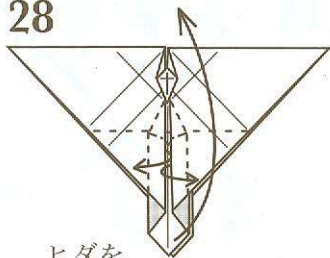


26 折り目をつける



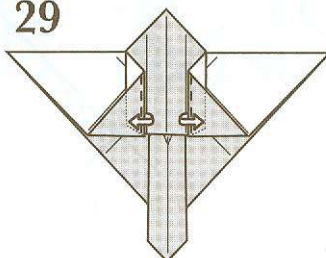
27 折り目をつける

28



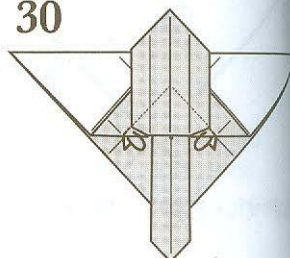
ヒダを
めくりながら折る

29



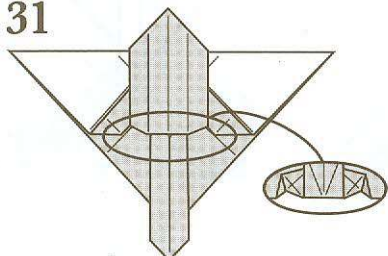
内側から引き出して
たたむ

30



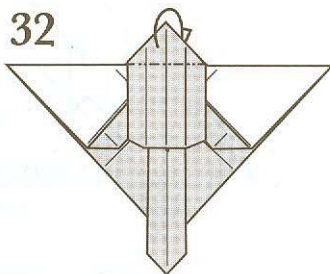
ヒダの下で折る

31

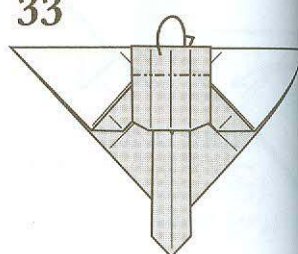


裏側から見たところ

32

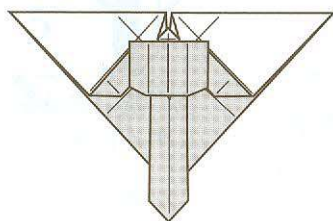


33



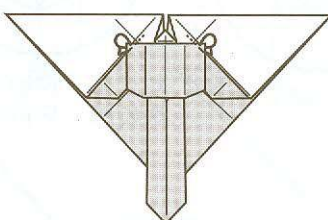
折る目安は
次の図を参照

34

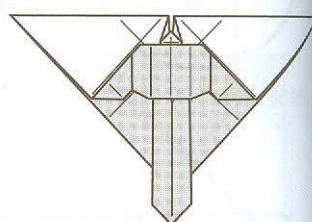


真ん中にある三角形の
底辺とそろうように

35

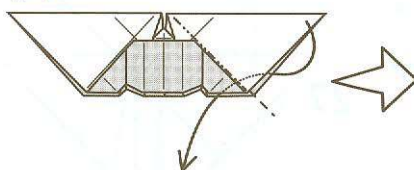


36

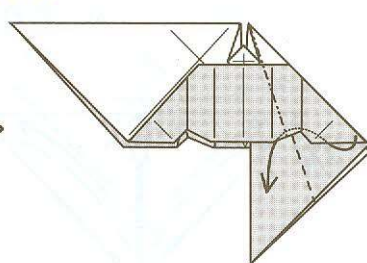


裏側も27〜35と
同様に折る

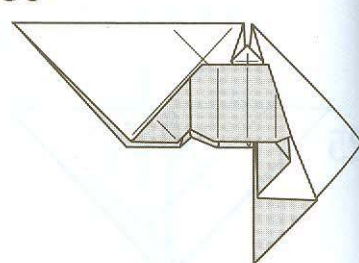
37



38

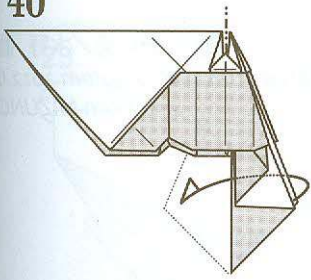


39



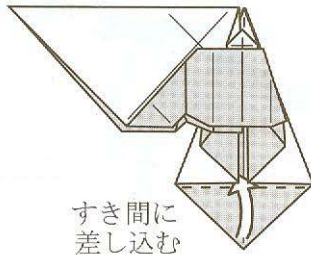
裏側も同様に折る

40



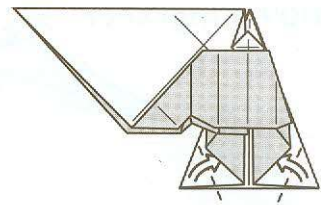
上から二つ目の
すき間から折る

41



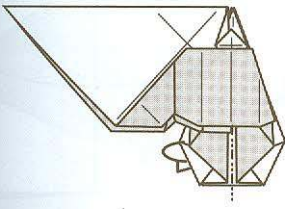
すき間に
差し込む

42

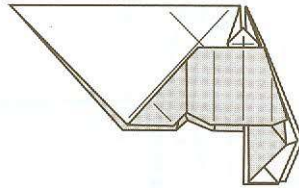


すき間に差し込む

43

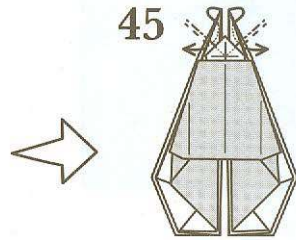


44



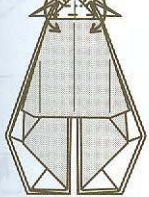
左側も37～43と同様に折る

45



上から3つ目のすきまで
中割り折り

46

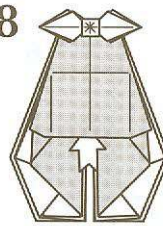


中央のカドを
ひろげてつぶす

47

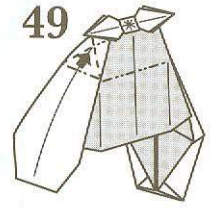


48



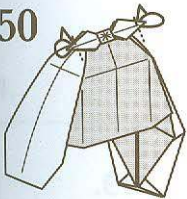
内側をひろげて
全体を立体にする

49



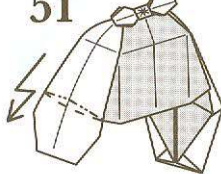
頭頂部を平らに
つぶす

50



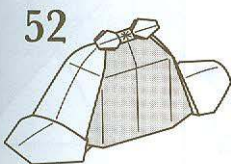
リボンの先を折る

51



つばの部分
を立体的に段折りする
反対側も同じ

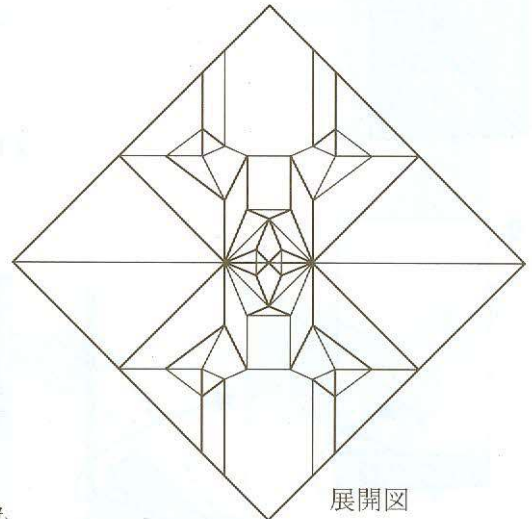
52



できあがり



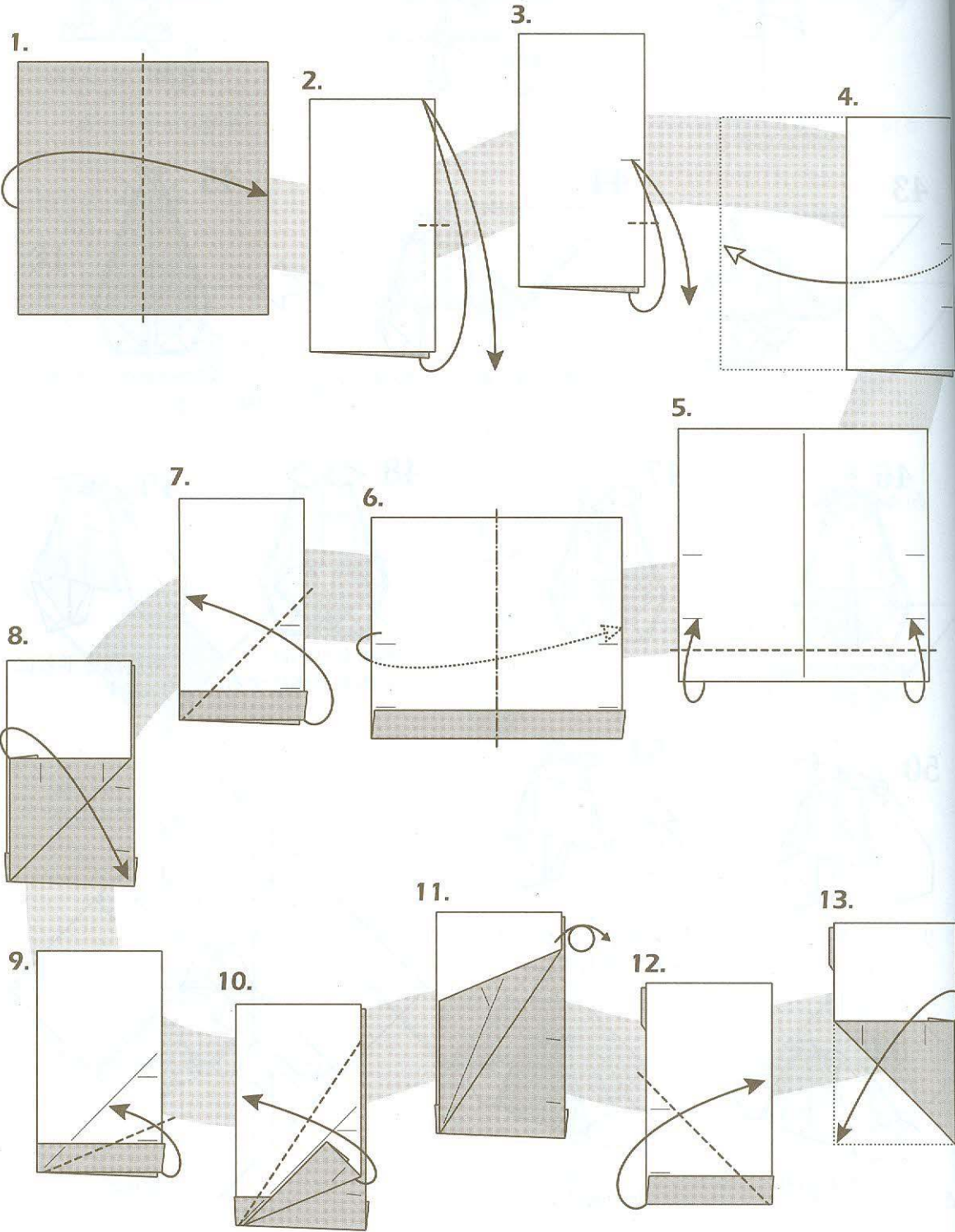
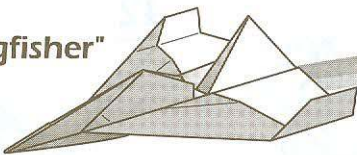
リボン部分を
折り鶴型にすることも
できます

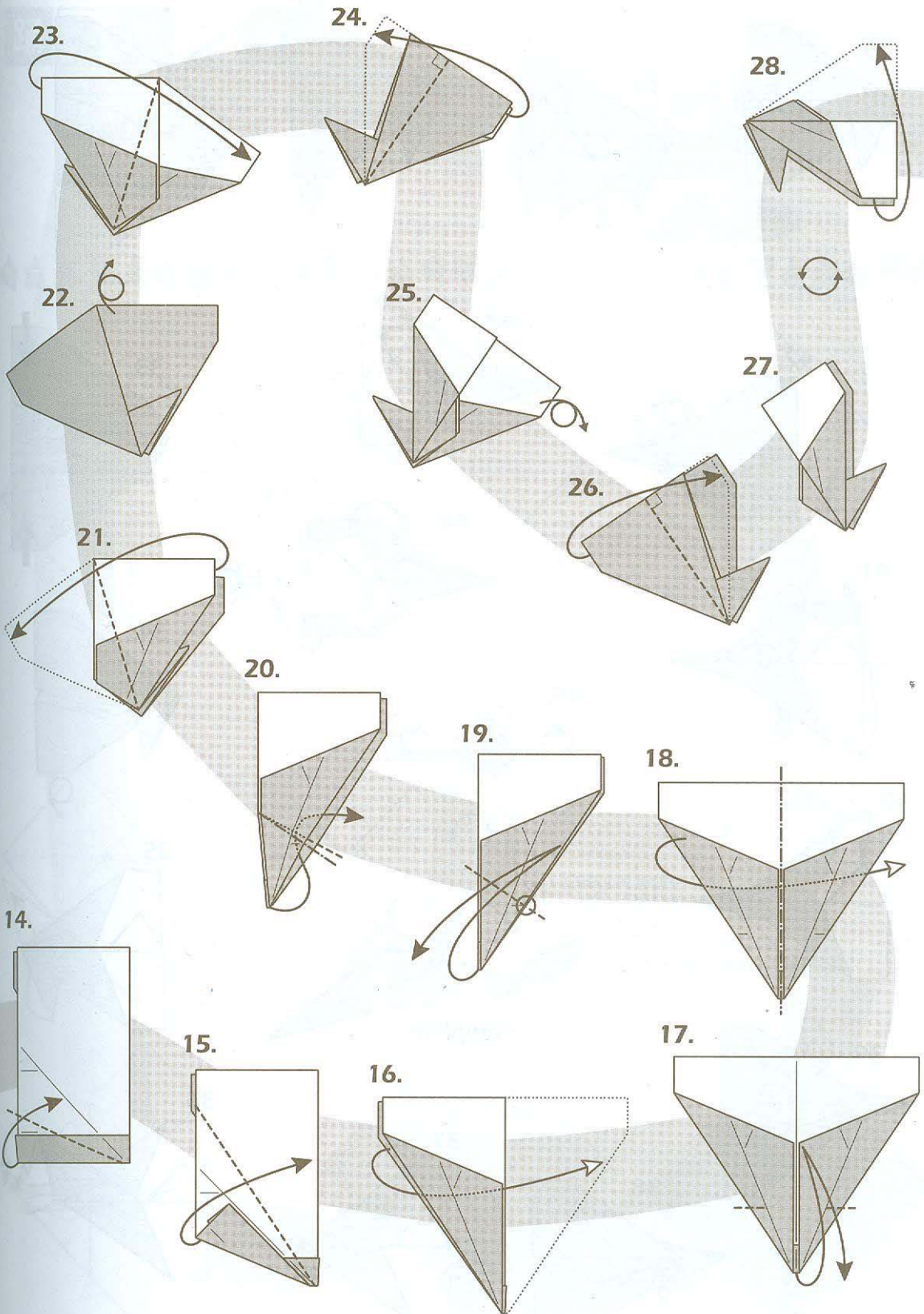


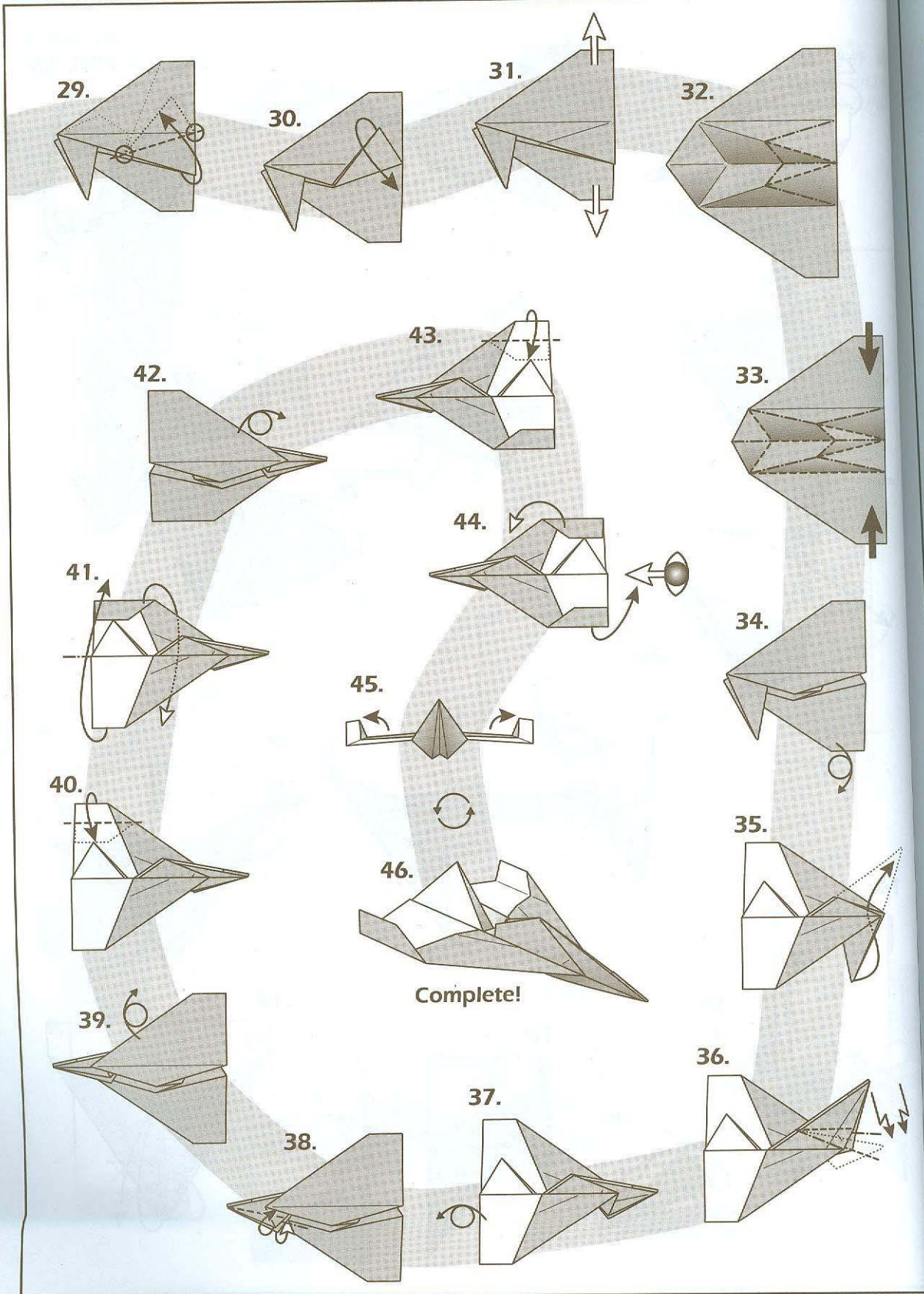
展開図

折紙飛行機
MZ-1109 "Kingfisher"

創作・折り図 / 水野 健
Created 2011.9 & Diagram 2012.6
by Ken MIZUNO



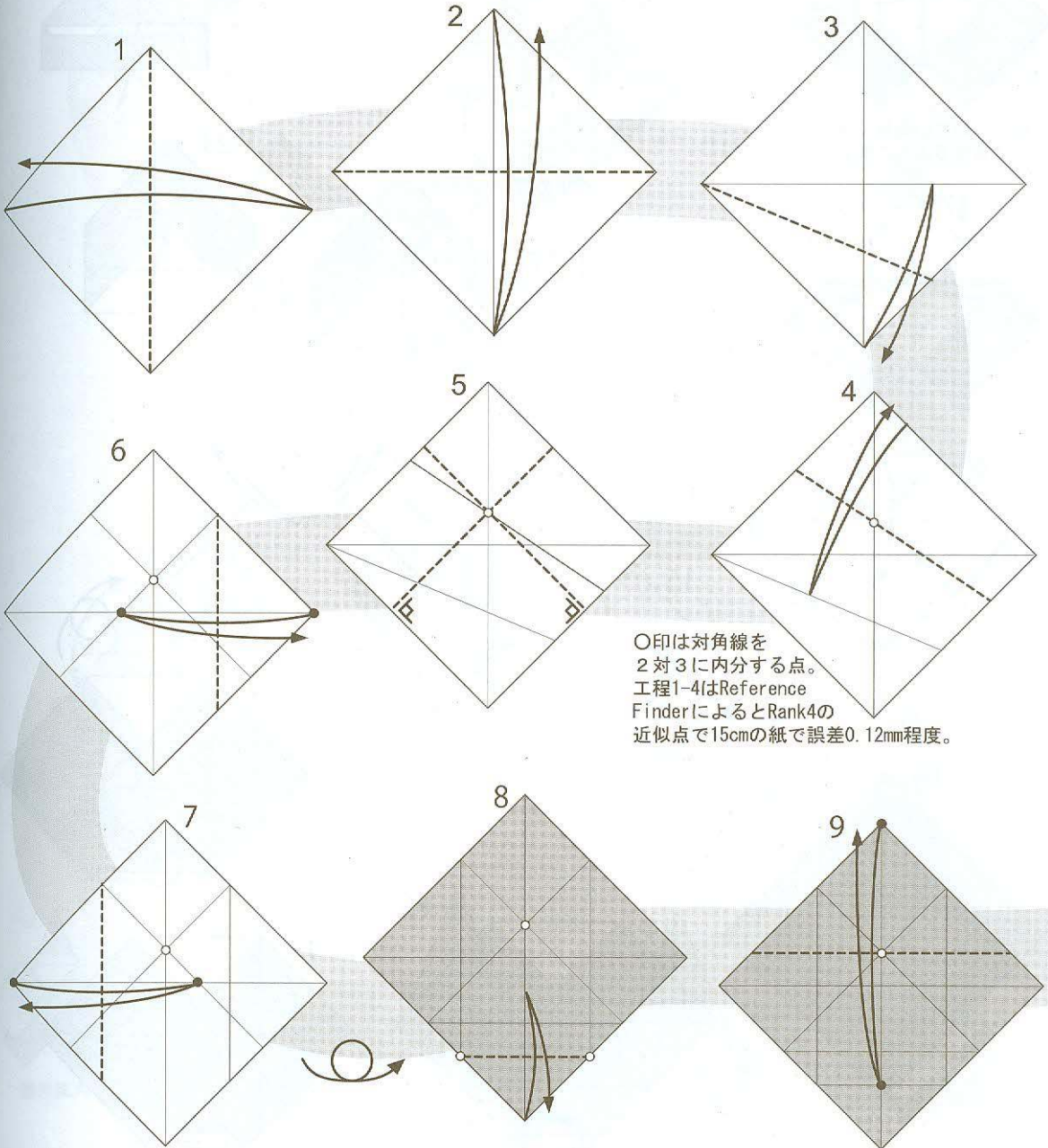
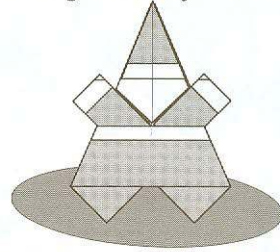


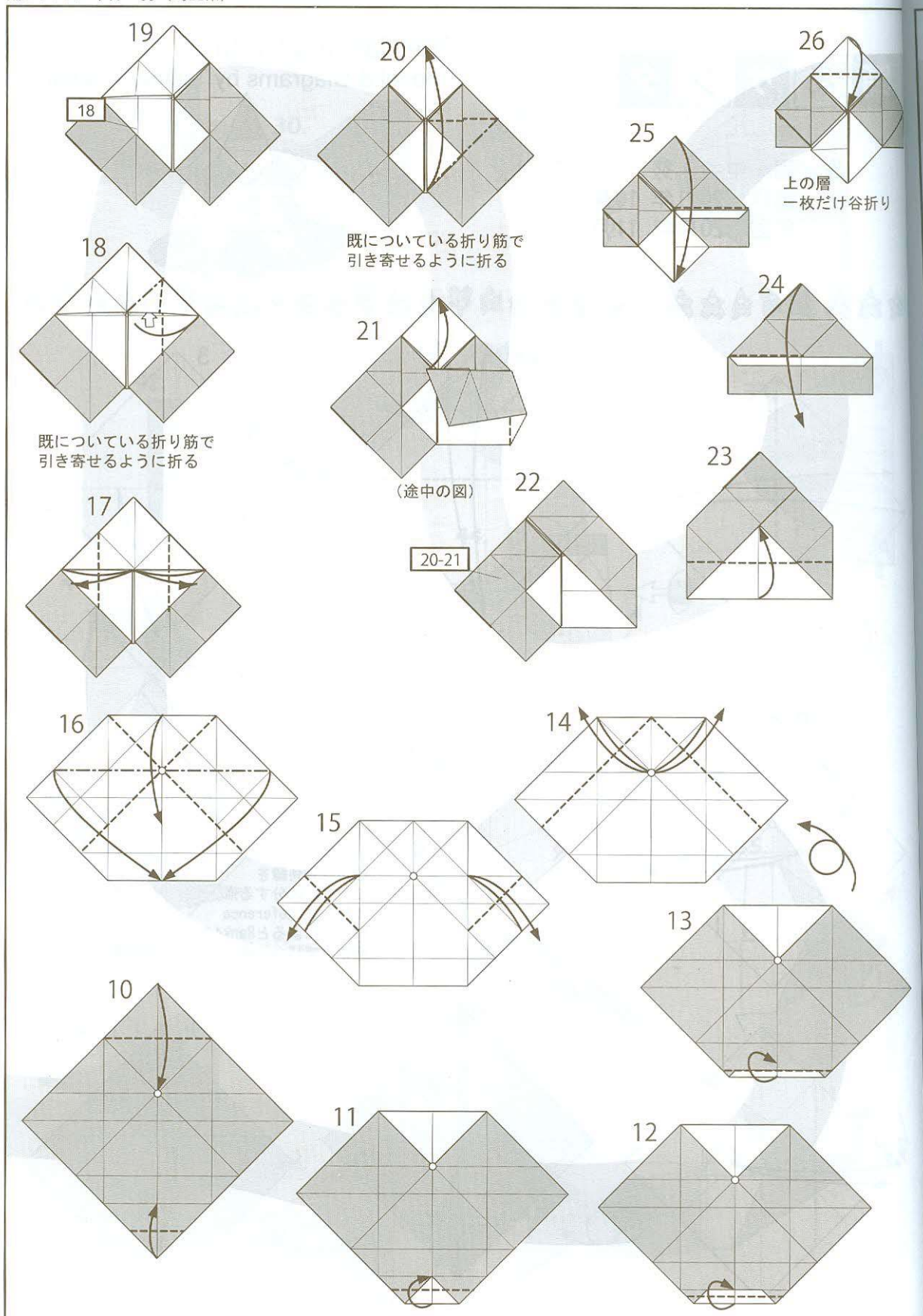


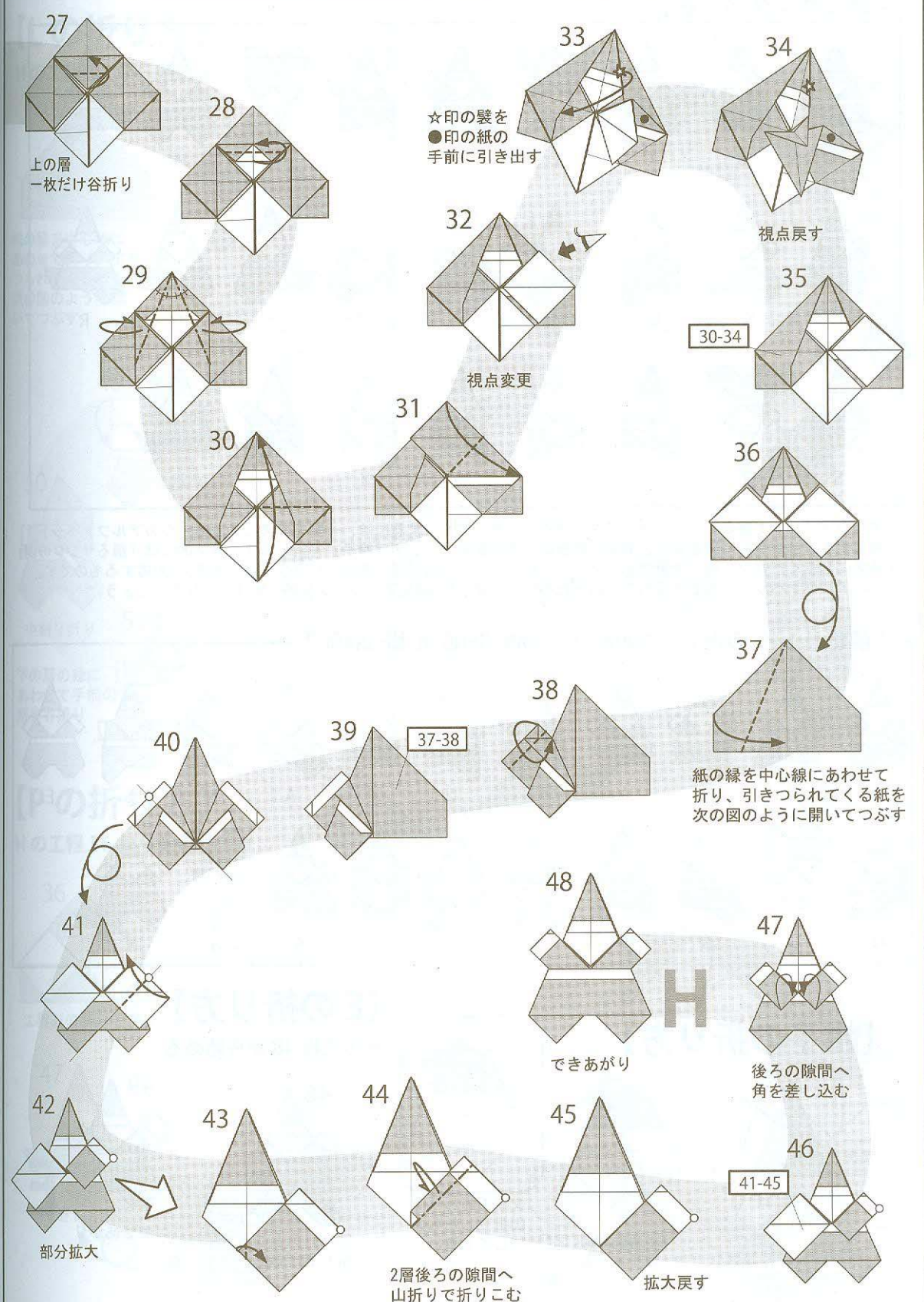
踊るサンタ

The Dancing Santa Model & Diagrams by Tsutomu Nakai

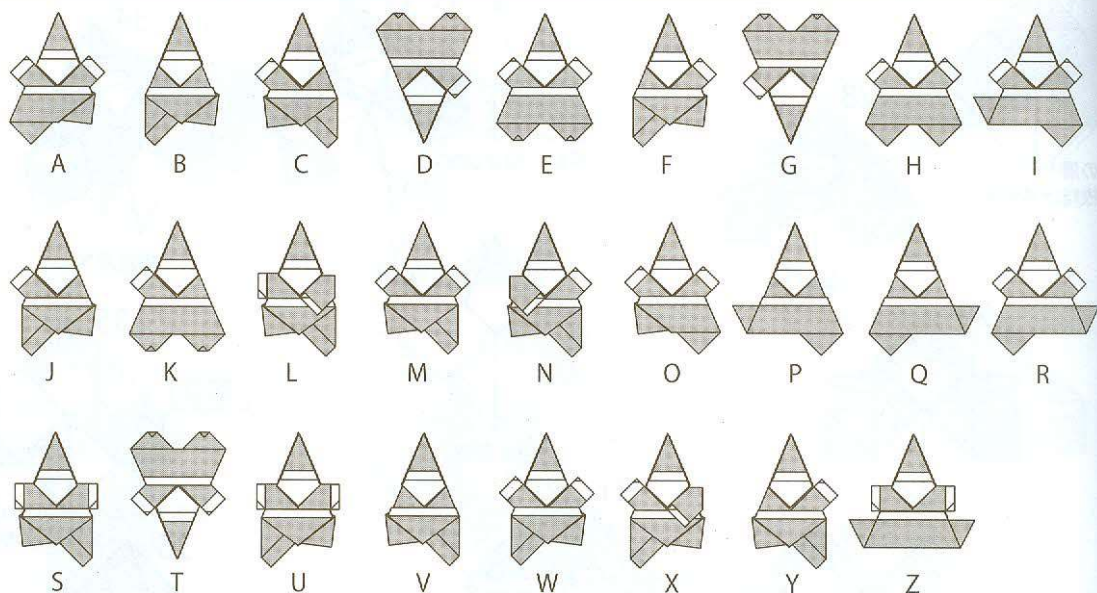
作／図 中井 努
創作 2011年 10月
作図 2011年 11月





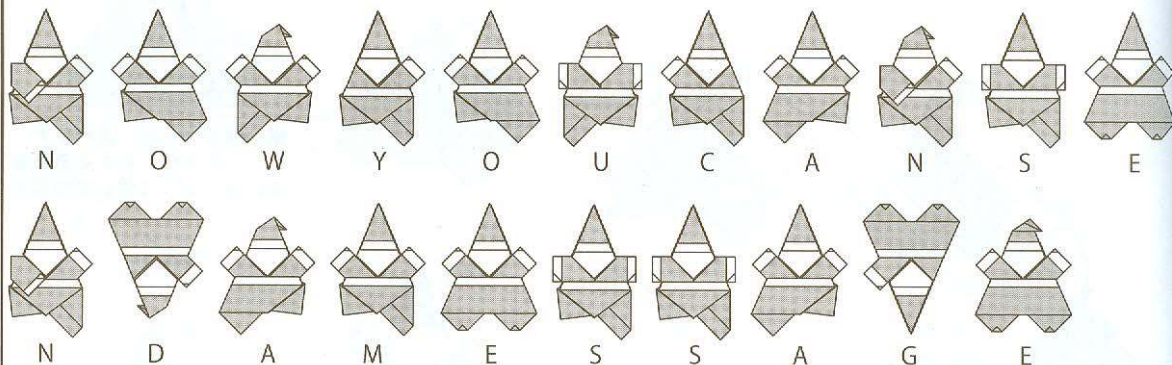


「踊るサンタの一覧」

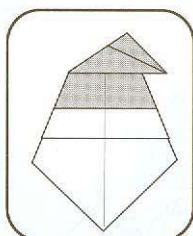
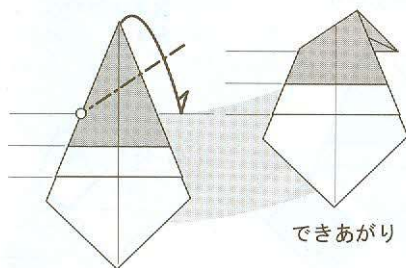


アルファベットで書かれたメッセージを「踊るサンタ」で表現するには、一覧を参考にメッセージのアルファベットに対応する「サンタ」に置き換え、単語の最後の文字を表すサンタの「帽子」を折ります。具体的には「踊るサンタの例」を参考にしてください。尚、一覧にあるように、前のページの折り図で完成したサンタは、文字Hに対応するものです。全てのアルファベットに対応するものを折るためには、後に続く3文字分のサンタが「助け」になるでしょう。

「踊るサンタの例」 “NOW YOU CAN SEND A MESSAGE”



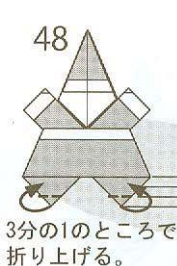
【帽子の折り方】



文章の終わりは
山折りしたもの
にしても良い

【Eの折り方】

Hの工程48から始める



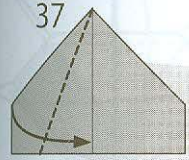
3分の1のところで
折り上げる。



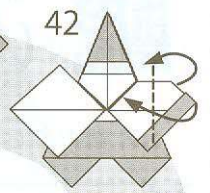
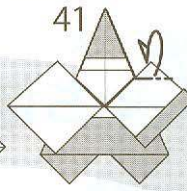
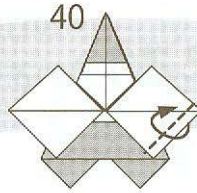
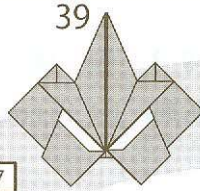
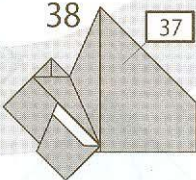
できあがり

【Lの折り方】

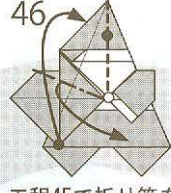
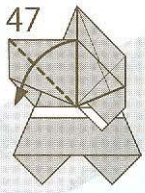
Hの工程 37 から始める



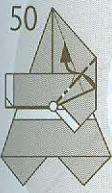
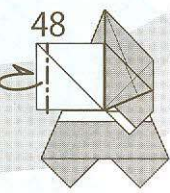
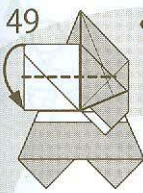
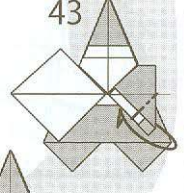
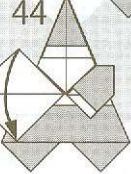
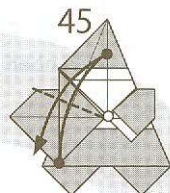
紙の縁を中心線にあわせて折り、引きつられてくる紙を次の図のように開いてつぶす



後ろ側も谷折りしてかぶせる

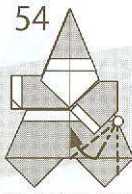
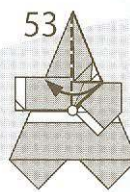
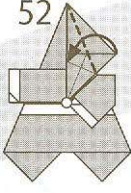
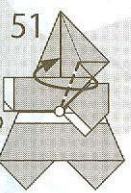


工程45で折り筋をつけた手前の層を山折りにし、ひらいてつぶすように折る

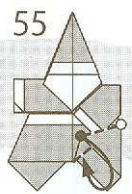


中割り折り

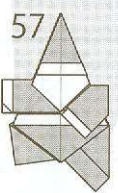
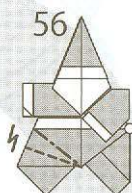
下の層の縁にあわせて手前の層を谷折り



引き寄せ折り



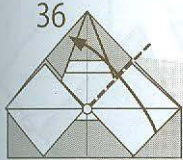
ついている折り筋の山谷を入れ替えて●印の部分进行後へ



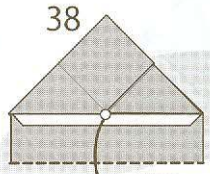
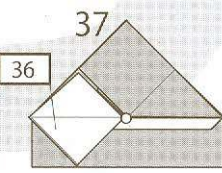
できあがり

【Pの折り方】

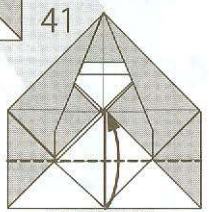
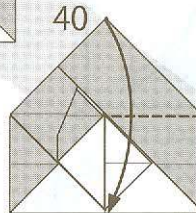
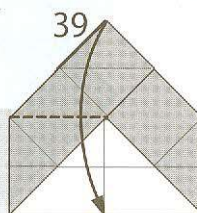
Hの工程 36 から始める



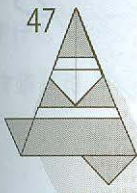
工程31の折りを戻す



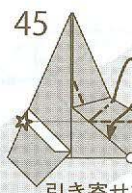
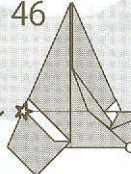
工程23の折りを戻す



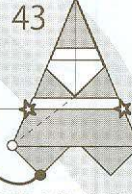
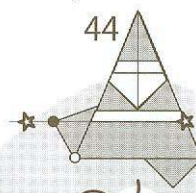
まとめて谷折り



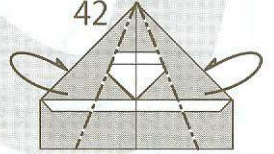
できあがり



引き寄せ折り



○印を通る折り筋で☆印を通る水平線の上に●印が合うように折り上げる。



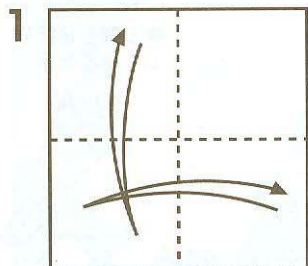
鯨 (しゃちほこ)

Shachihoko

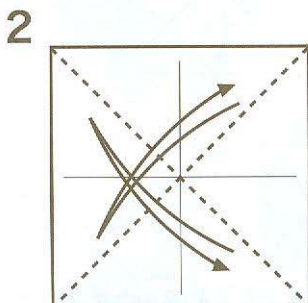
2011. 9. 3 作・図

加茂弘郎 by Hiroo Kamo

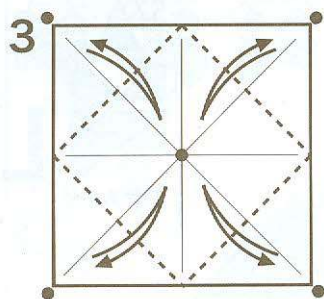
※ 紙のうら面を手前にして 折り始める



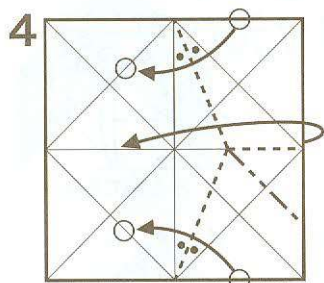
折りすじをつける



折りすじをつける

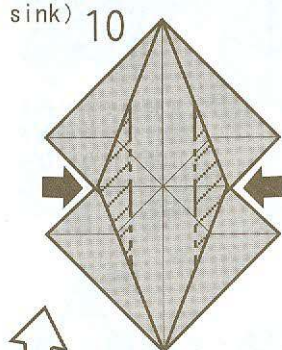


四つのカドを中心に
あわせ折りすじをつける

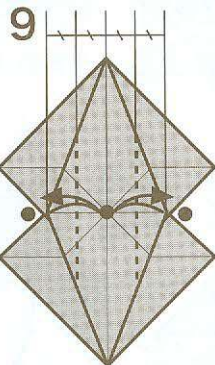


○印をつけたフチと
折りすじとを合わせる
ように折る

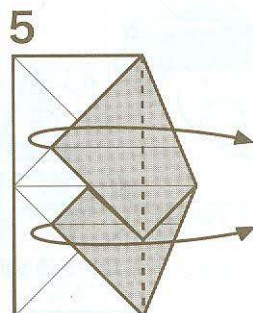
斜線部分を
沈め折り
(open sink)



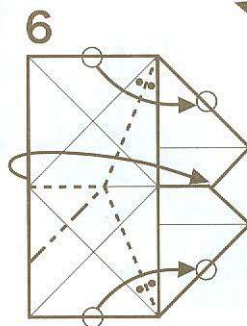
拡大図



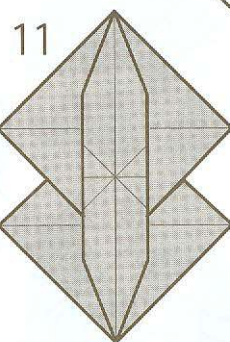
折りすじを
つける



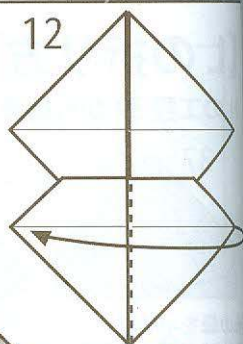
折り返す



もう一方も
同様に
折る



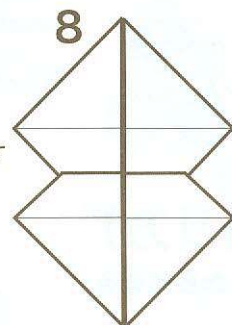
折った
ところ



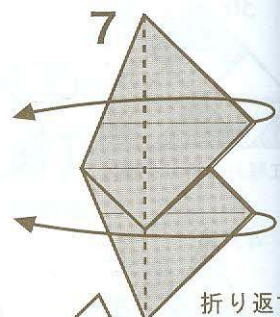
右下手前の
カド一枚を
反対側に倒す



うらがえす

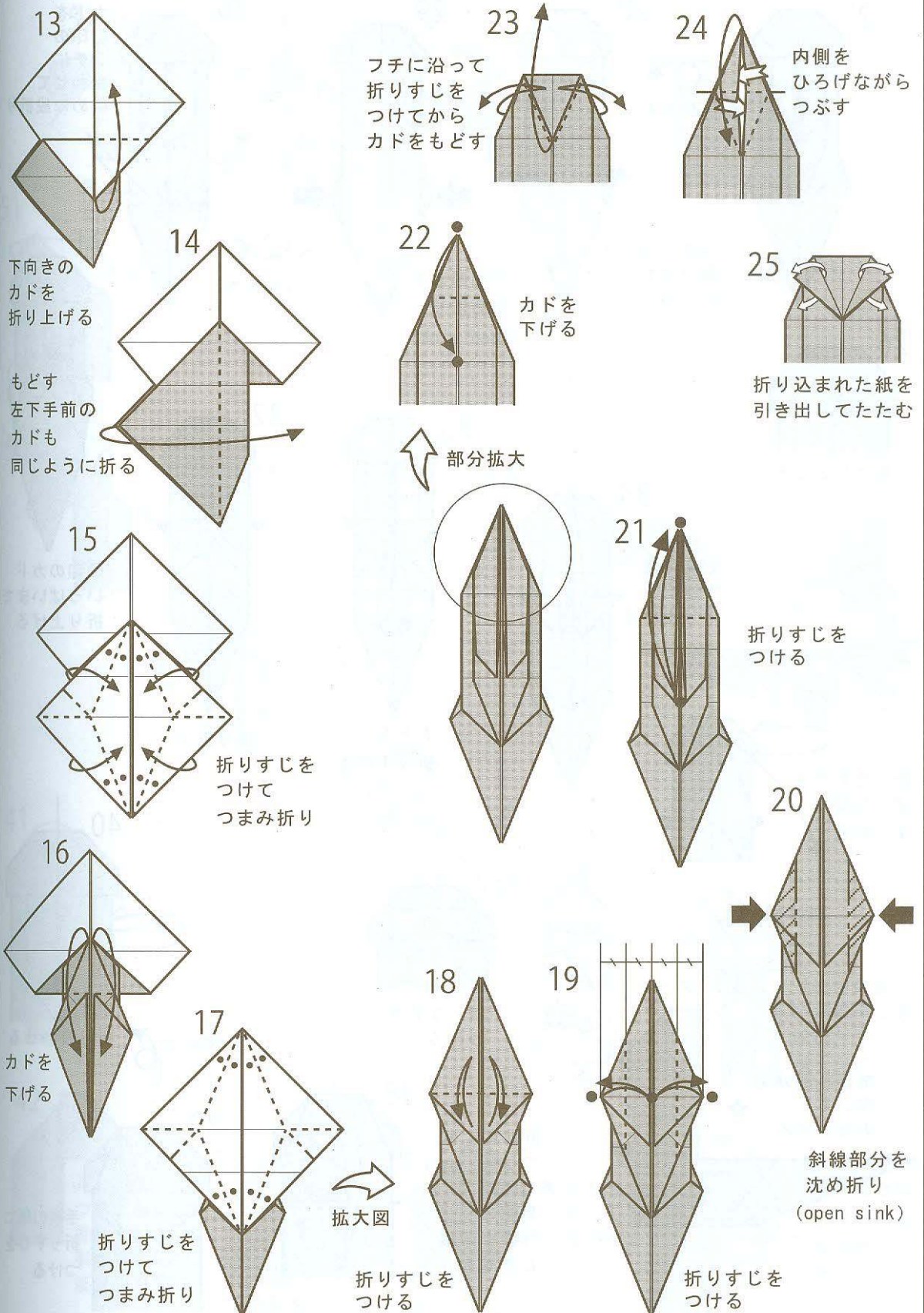


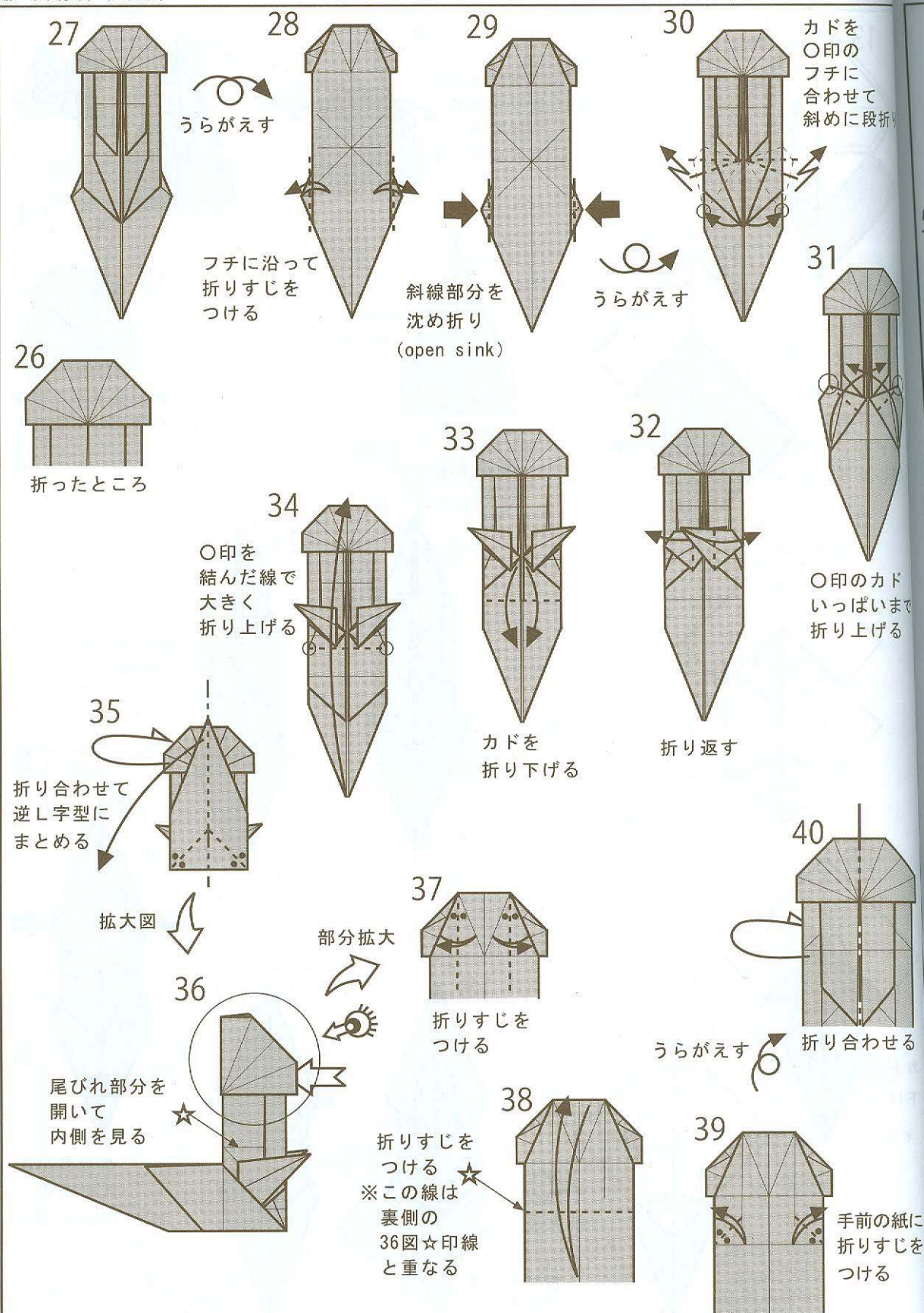
うらがえす

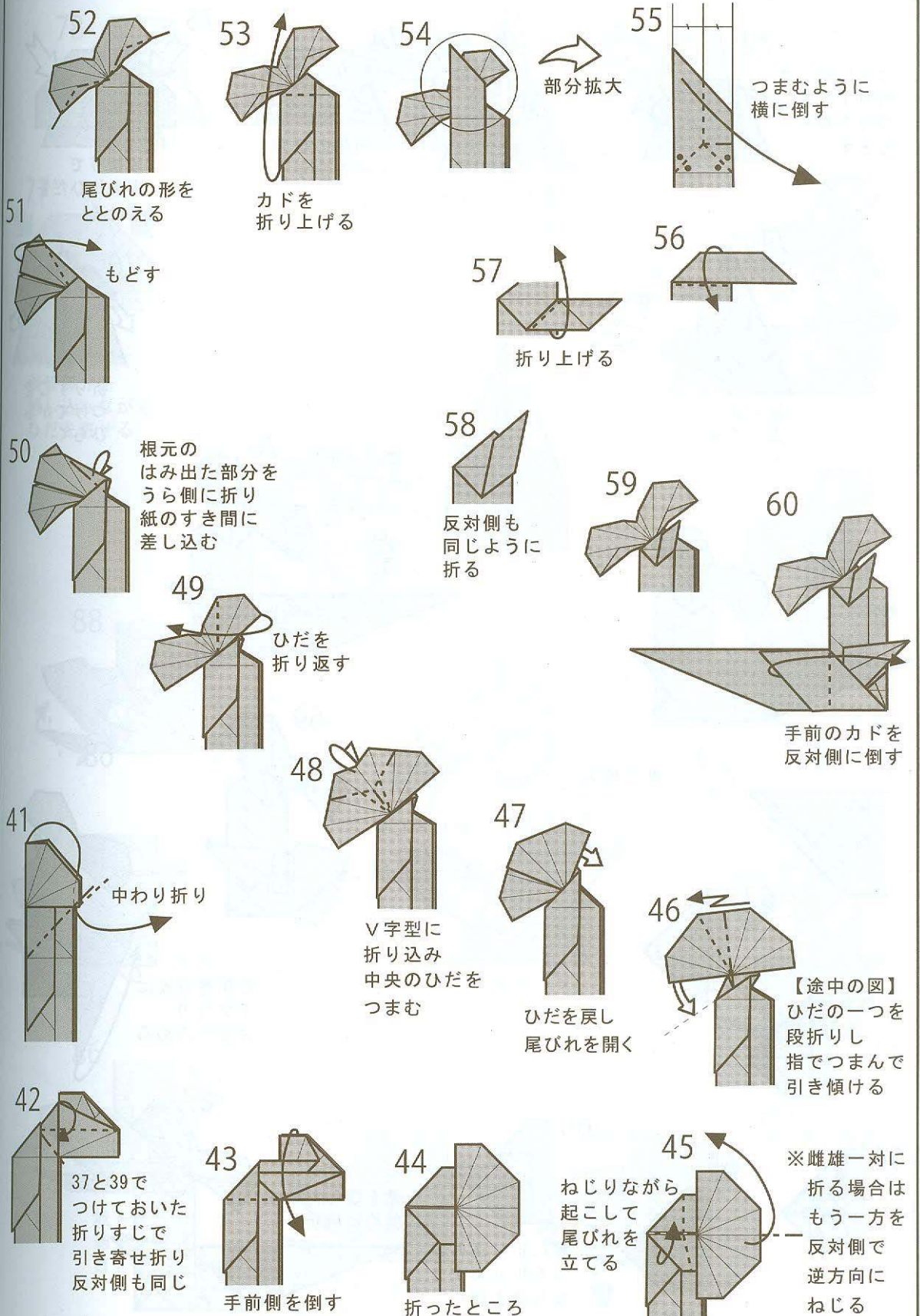


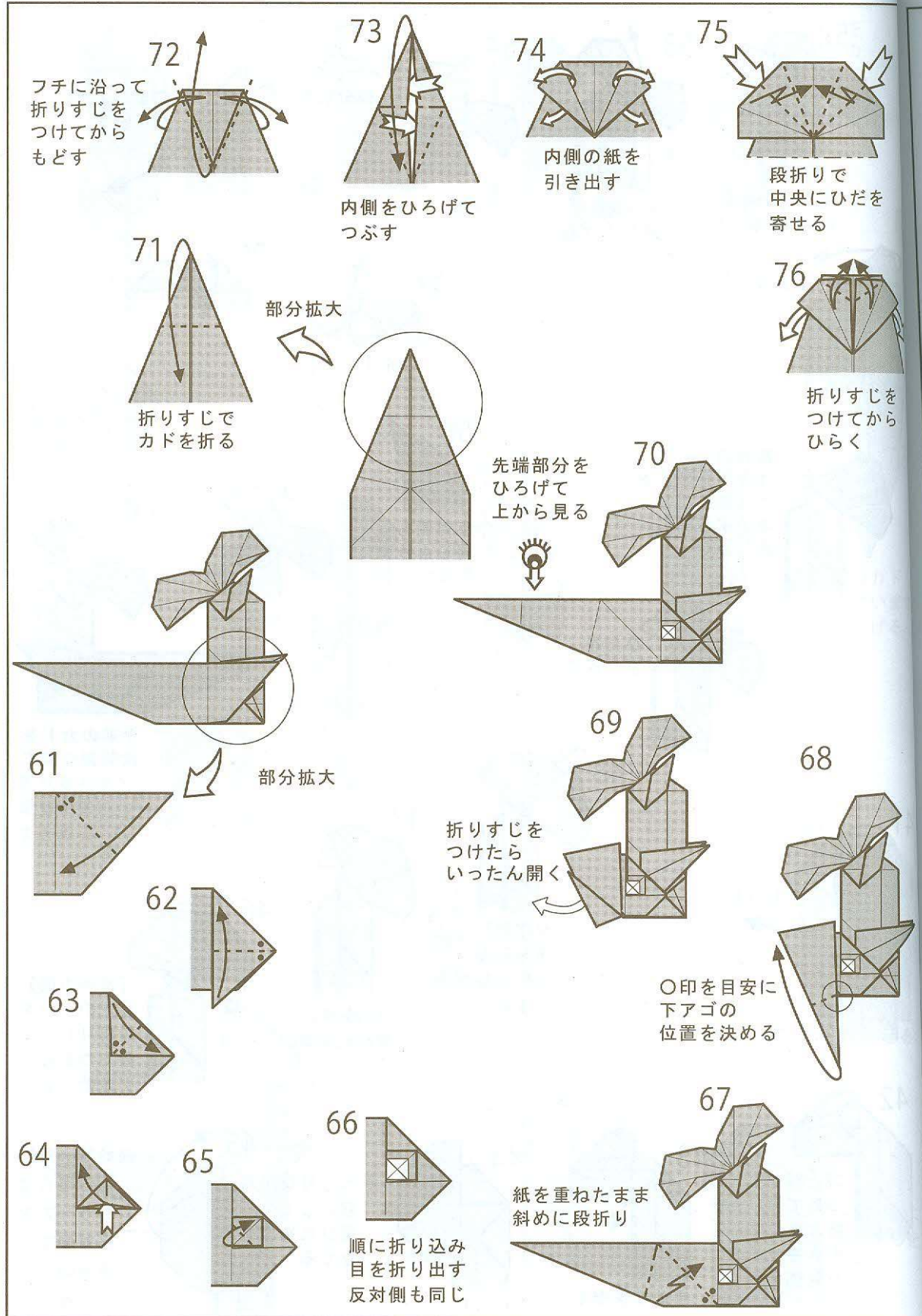
折り返す

拡大図

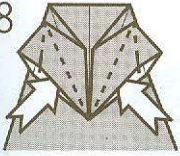






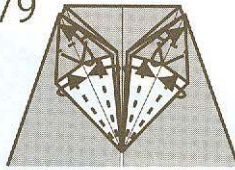


78



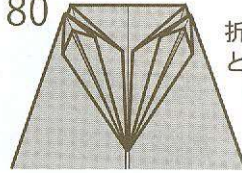
花卉折り

79



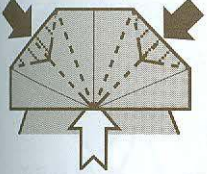
内側を
ひろげながら
つぶす

80



折った
ところ

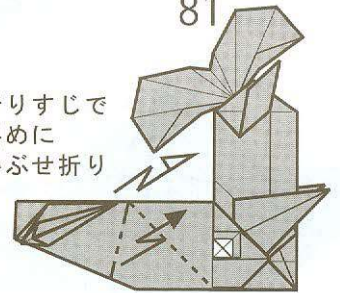
77



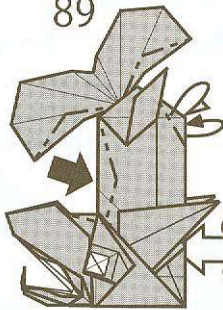
内側を広げて
斜線部分を
押し込みながら
ひだを寄せる

81

折りすじで
斜めに
かぶせ折り

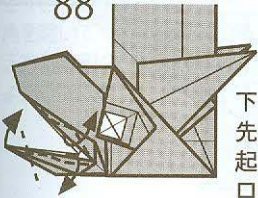


89



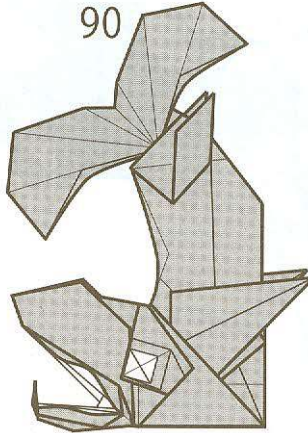
全体の形を
ととのえ
立体的に
自立させる

88



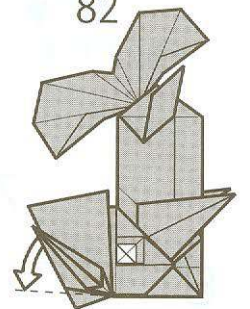
下アゴの
先端を
起こし
口の形を
ととのえる

90



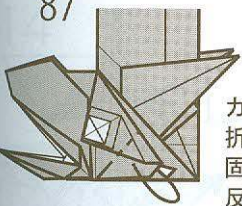
できあがり

82



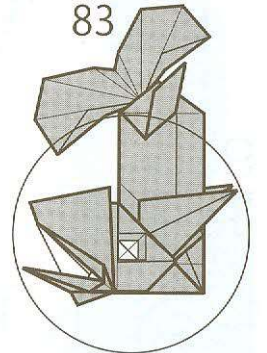
重なった紙を
はがすように
口を開く

87



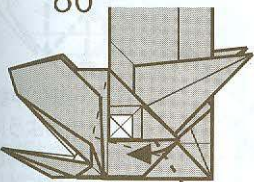
カドを
折り込み
固定する
反対側も同じ

83



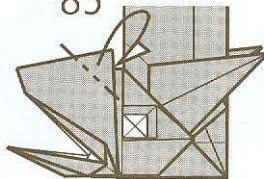
部分拡大

86



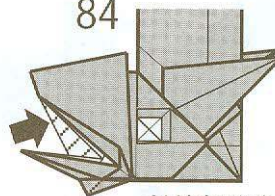
紙をずらし
適当な位置に
目を移動する

85



カドを折り込む
反対側も同じ

84



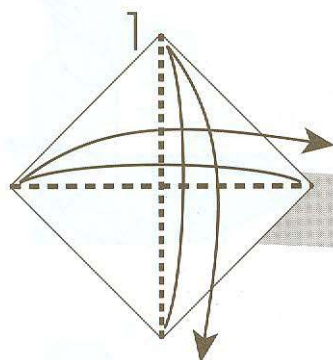
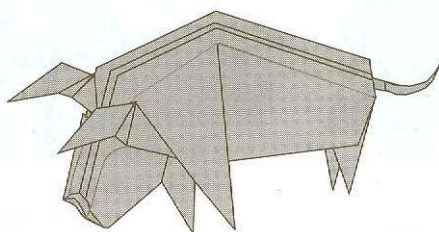
斜線部分を
押し込む

ぶた

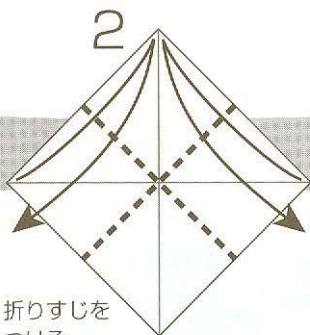
山口之彦

創作 2011. XX. XX

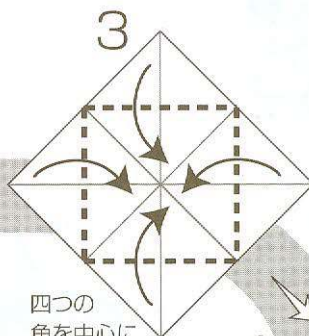
作図 2012. 06. 09



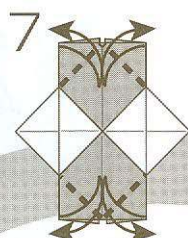
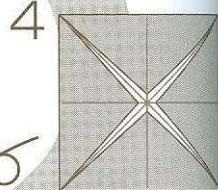
折ありすじをつける



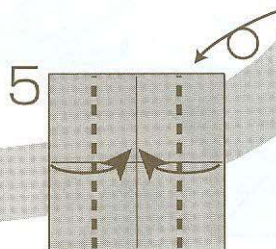
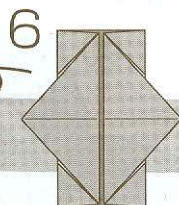
折りすじをつける



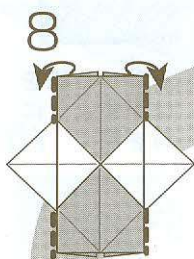
四つの角を中心にあわせて折る



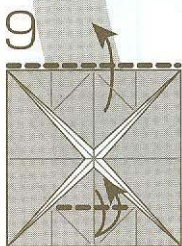
ふちを中心線にあわせて折りすじをつける



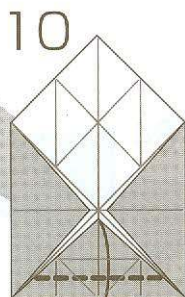
後ろの三角は折らない



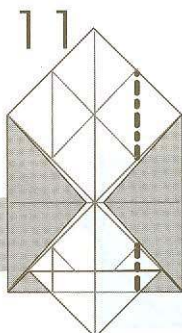
4の形に戻す



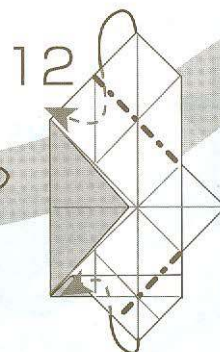
上の角は開き、下の角は半分に折りすじをつける



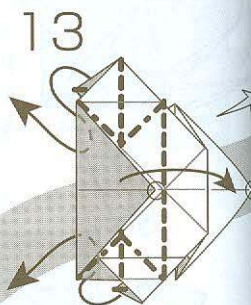
9でつけた折りすじをふちに合わせる



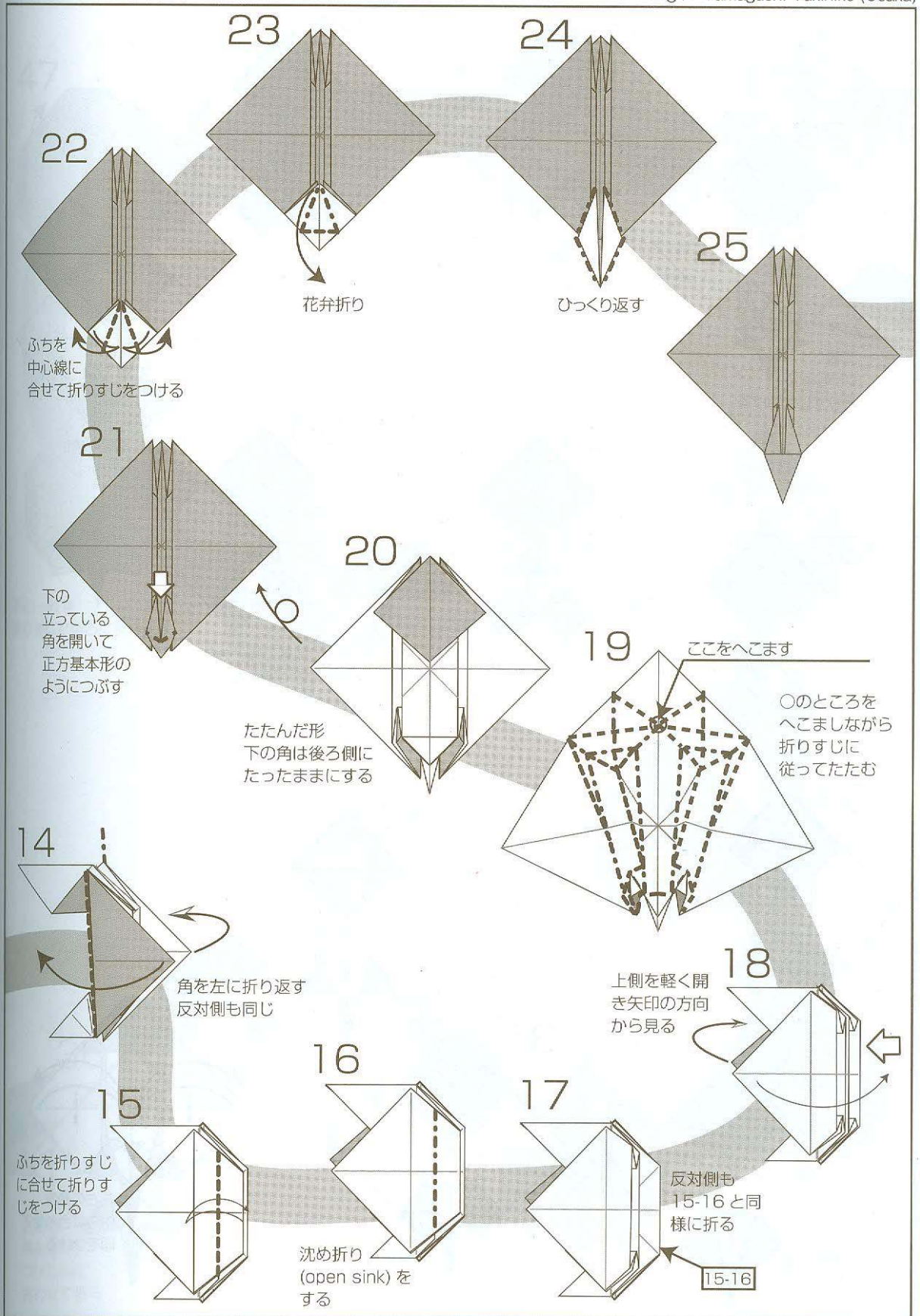
三角は折らずに後ろに折る

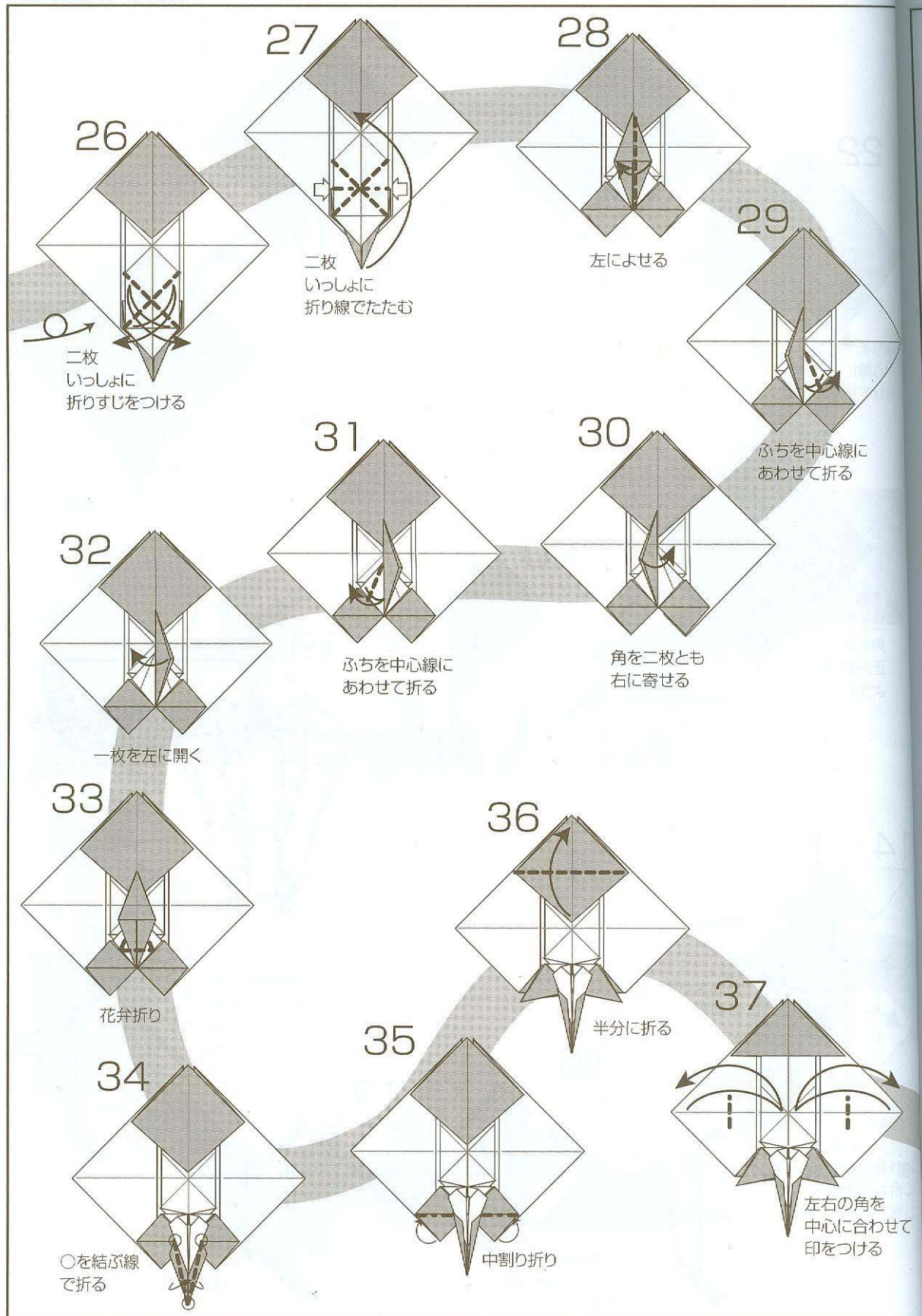


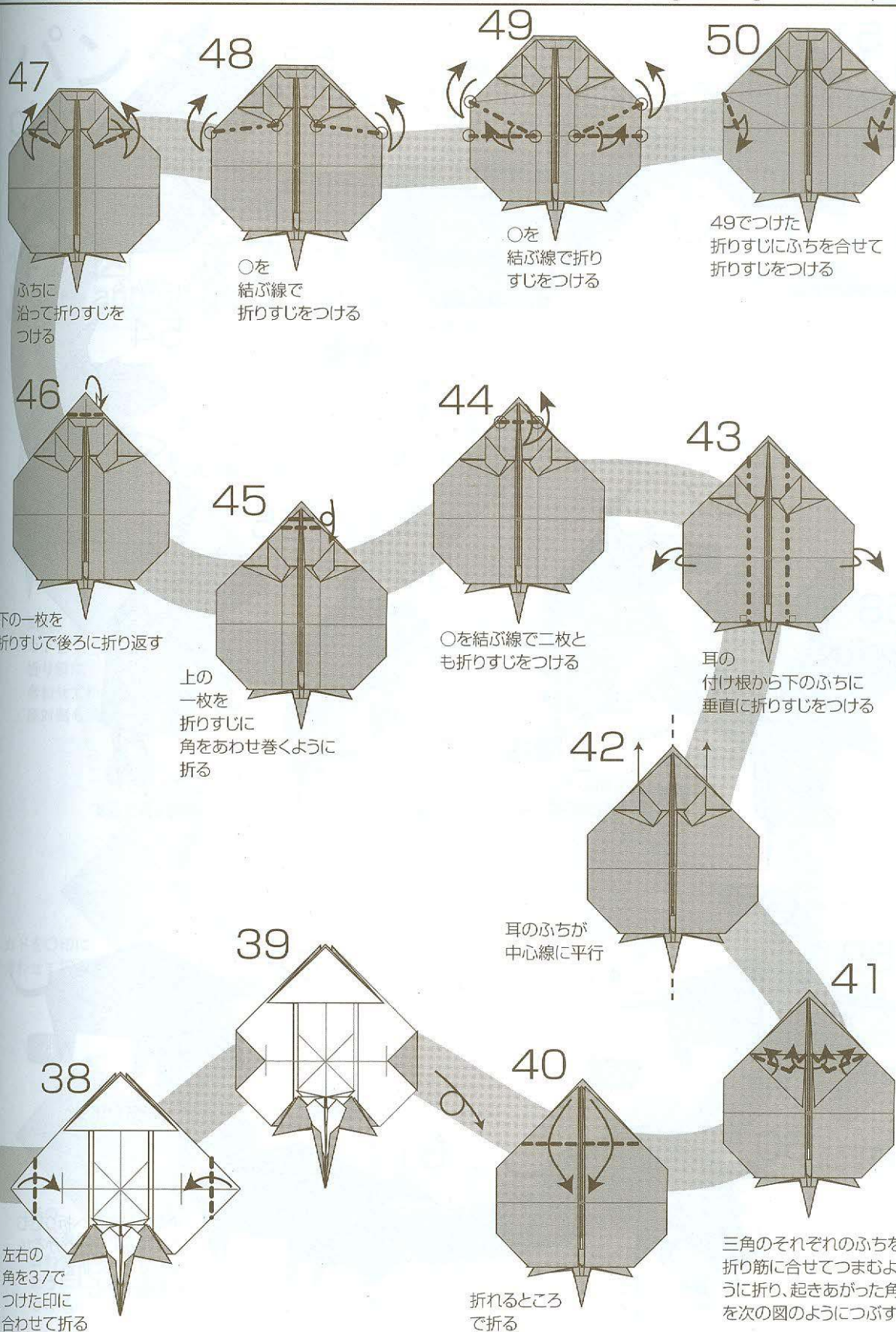
中割り折り

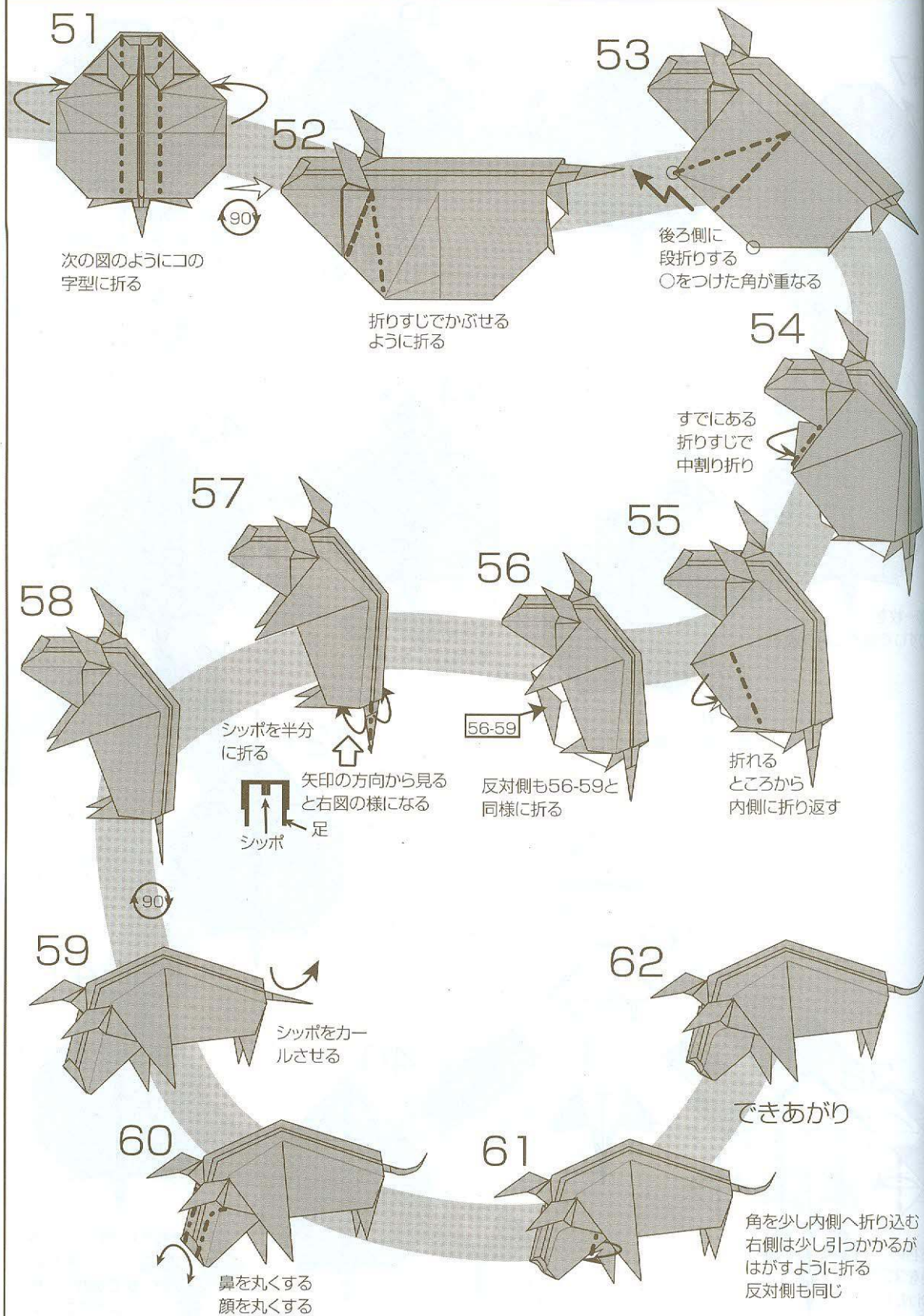


12と同様に中割り折りをするように引き寄せて○の角が重なるように折る









パンダ giant panda

創作 2009/07/09

作図 2009/07/26

作／図：渡辺 大
Model and diagram: Dai Watanabe

タイプB

タイプA

「ご参考までに」

15°系の造形です。
タイプAとタイプBの
2通りの仕上げ方があります。

1

2

紙の
カドを
折り筋に
合わせて折り筋をつける。
反対側も同様

3

カドを○印に
合わせて折る

4

紙の
カドを
合わせる
ようにして折り筋を
つける

5

カドを○印に
合わせて折る

8

5の
状態に戻す

9

反対側も
5～8と同様に折る

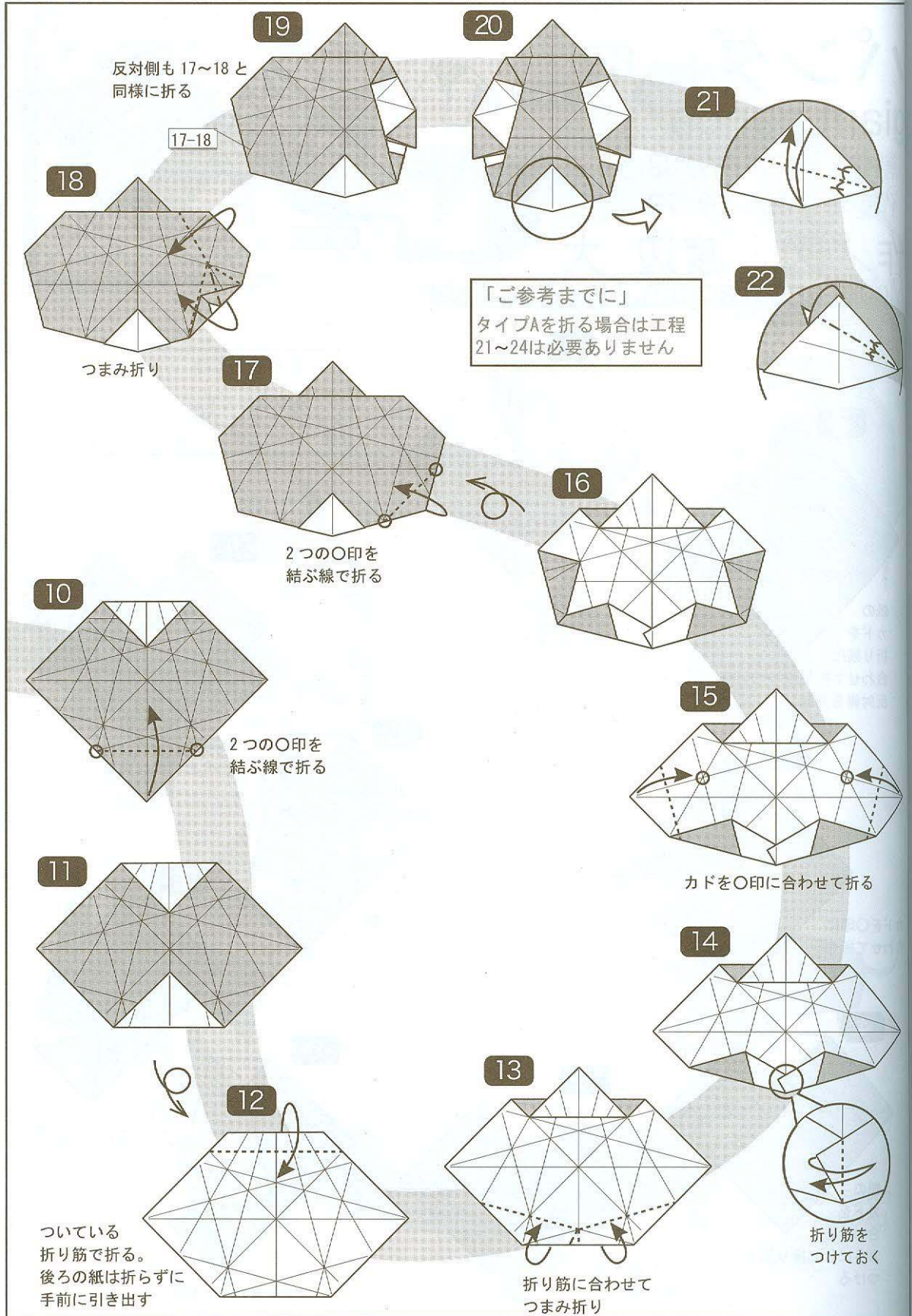
5-8

7

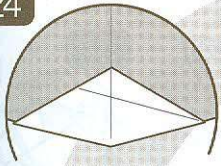
これもフチを
合わせて折る

6

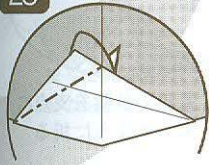
フチを合わせて折る



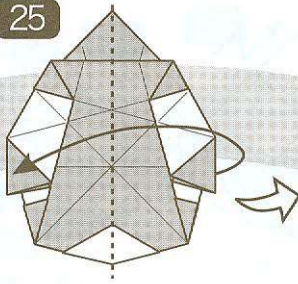
24



23

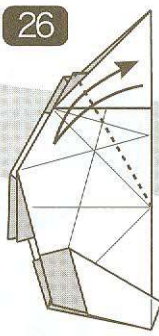


25

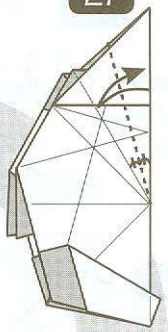


全体を半分に折る

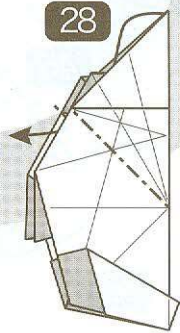
26

色の付いている
カドを目印に
折り筋をつける

27

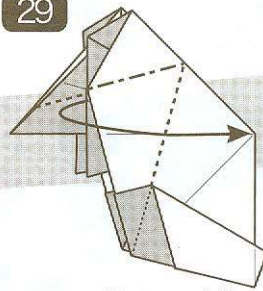
さらにカドを
半分に折り筋を
つける

28

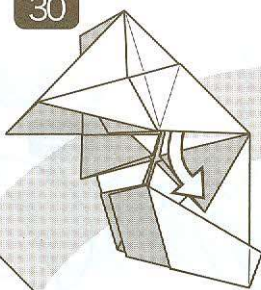


中割り折り

29

開いてつぶす
ように折る

30

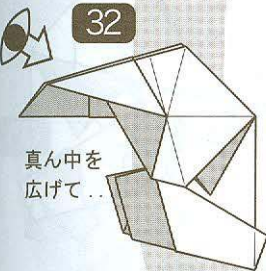


中の紙を引き出す

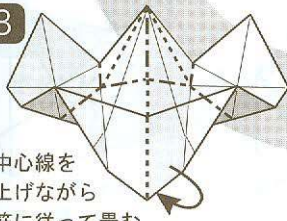
31

反対側も
同様に折る

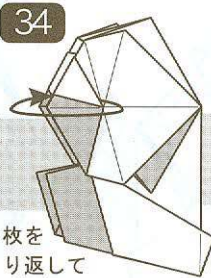
32

真ん中を
広げて...

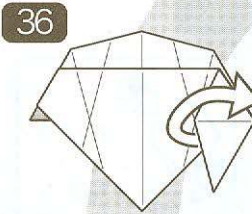
33

紙の中心線を
押し上げながら
折り筋に従って畳む

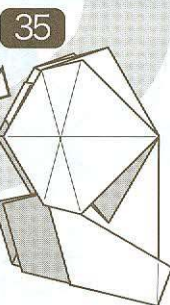
34

上の一枚を
ひっくり返して
内側に入れる

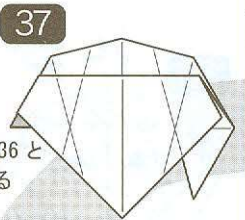
36

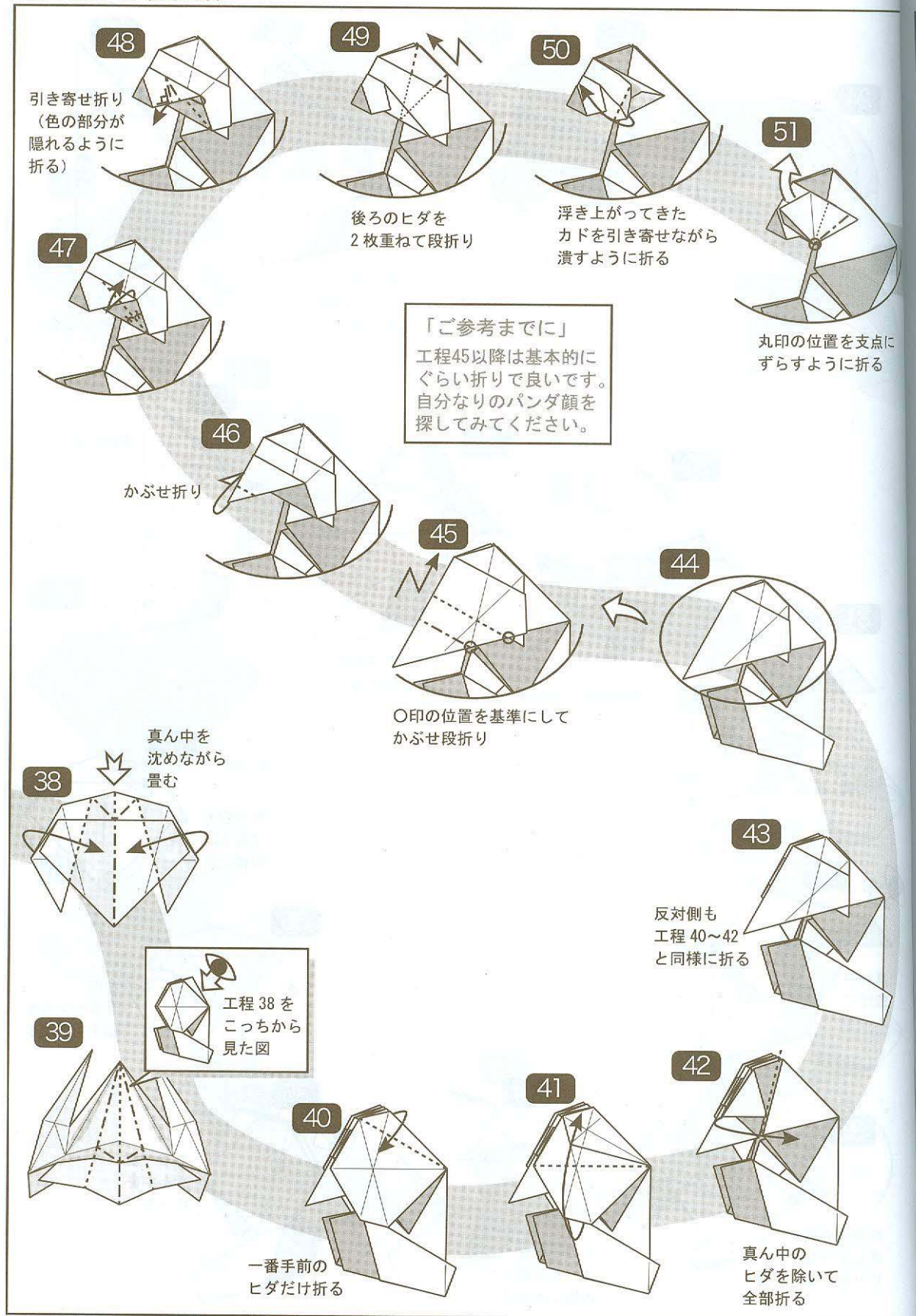
中に
しまっている
紙を引き出す

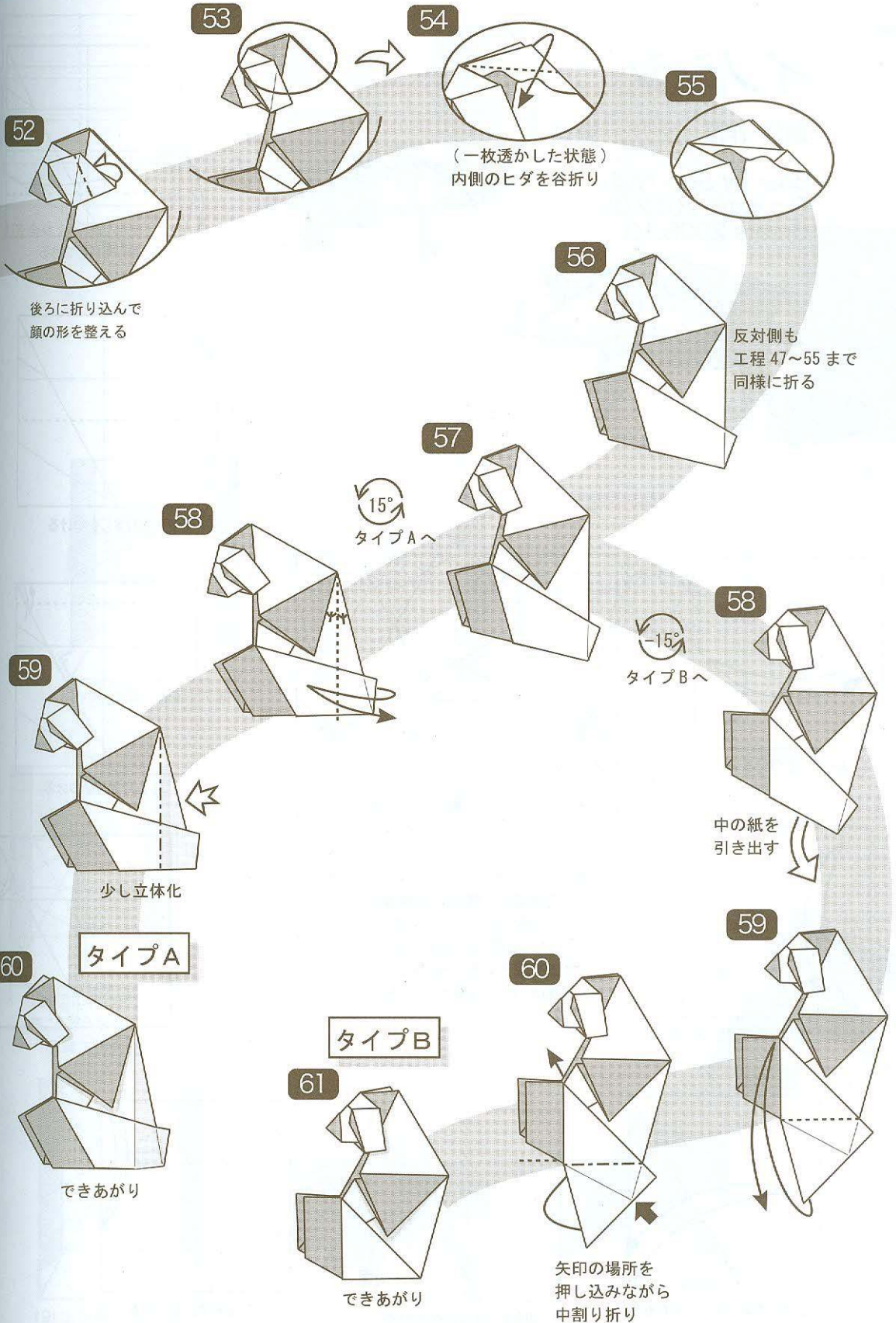
35

もう一度
真ん中を
広げて...

37

反対側も
工程 34~36 と
同様に折る

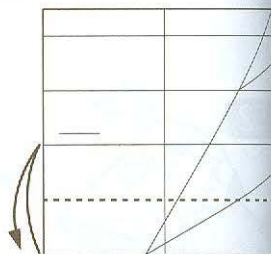
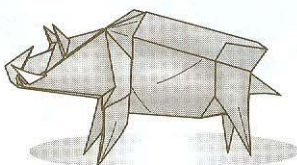
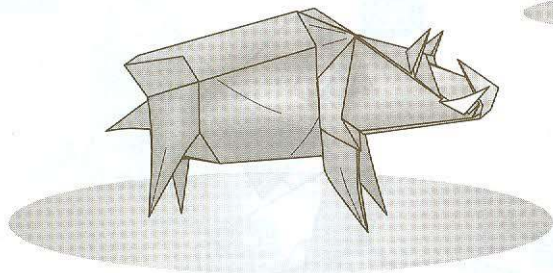




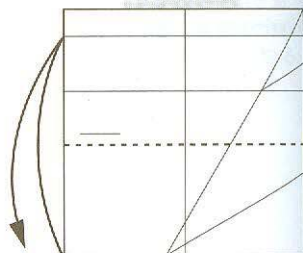
イノシシ

創作・作図 西川 誠司

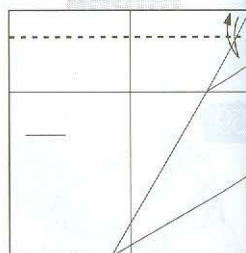
Boar by Seiji Nishikawa
Diagram: 2012.05.
Create: 2006.10.



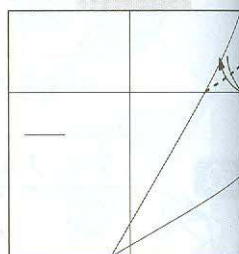
9) おりすじをつける



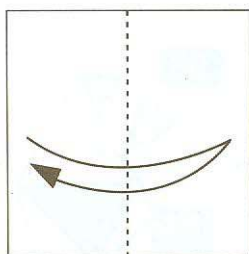
8) おりすじをつける



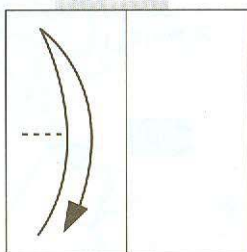
7) おりすじをつける



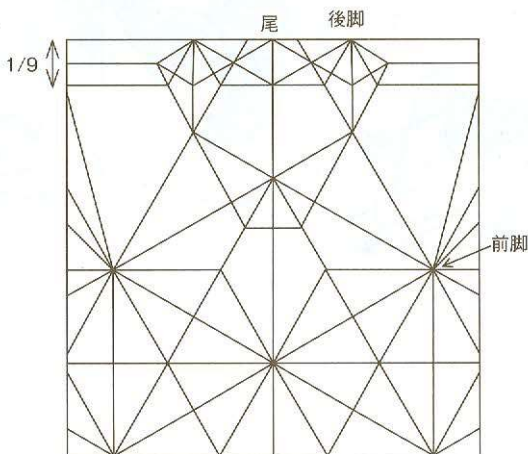
6) 角の二等分



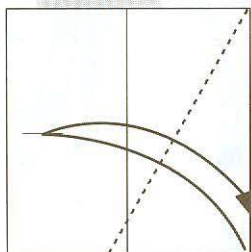
1) おりすじをつける



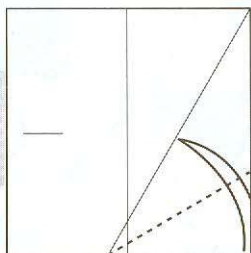
2) 一部分だけおりすじをつける



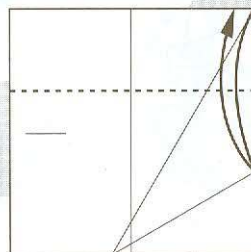
この展開図は構造の全体像が
わかり易いように示していま
す。この展開図に完全に対応
する工程上の形は有りません。
前脚が 45)、後脚が 53) あた
りのものです。



3) カドをおりすじにあわせて



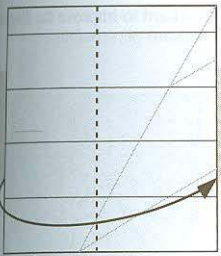
4) 辺をおりすじに合わせる



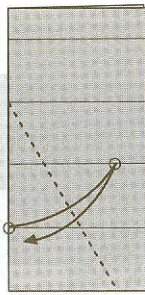
5) おりすじをつける

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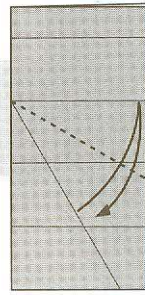
It is prohibited hard to improve the diagram on the web without permission.



10) 全体を半分に折る



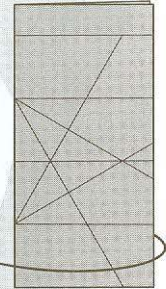
11) ○と○を合わせておりすじをつける



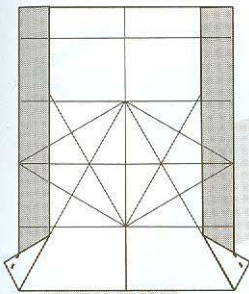
12) 角の二等分のおりすじをつける



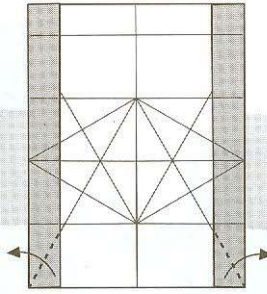
13) 図のようにおりすじをつける



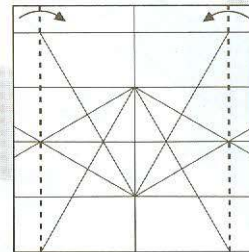
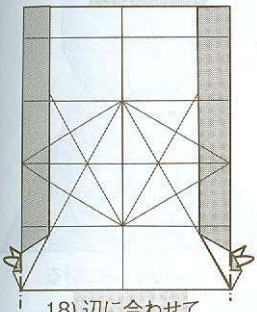
14) 10まで戻す



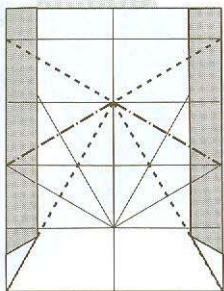
17) カドを辺に合わせて折る



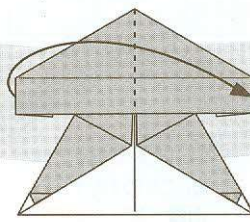
16) カドをおりすじに合わせて折る

15) 図のようにおりすじの交点で帯状に折る
(以降、6)までにつけたおりすじは描きません。)

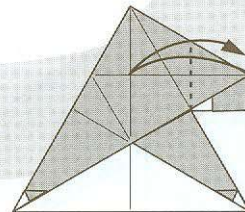
18) 辺に合わせて向こう側に折る



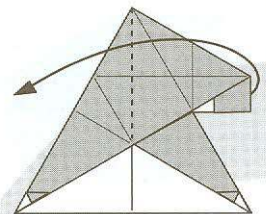
19) 山谷線に従ってまとめる



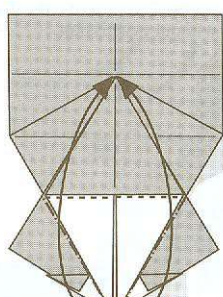
20) 中央で折り返す



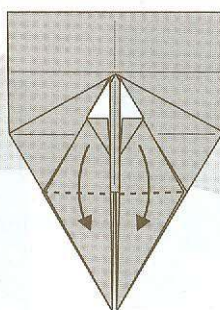
21) おりすじをつける



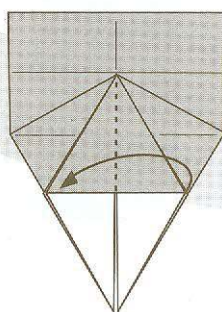
22) 20 へもどす



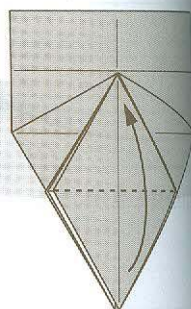
31) カドを上
折り上げる



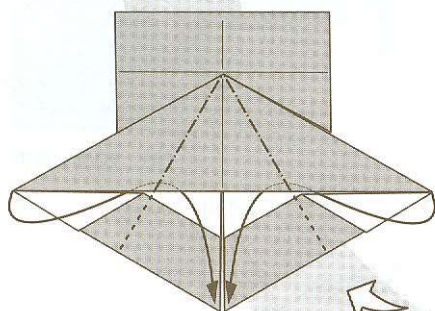
32) カドを下に折る



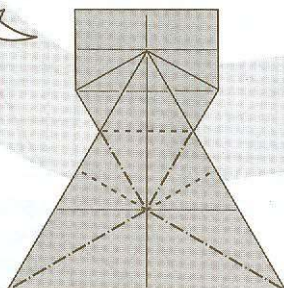
33) 一枚折り返す



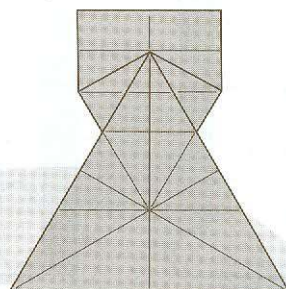
34) 一枚上に折り
上げる



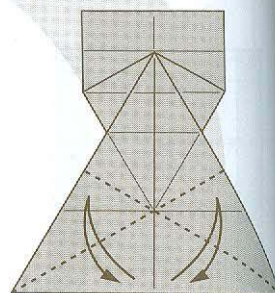
30) 中割り折り



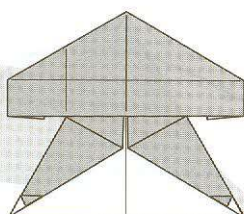
29) 図の山谷線に従い
まとめる



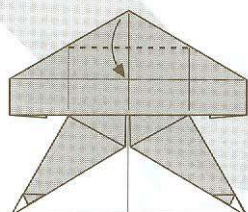
28)



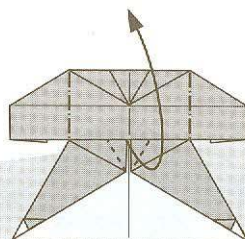
27) おりすじをつける



23) 反対側も 20-21 と
同様に



24) カドをおりすじの交点に
向かってしっかり折る



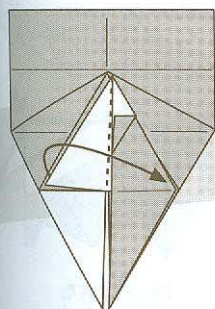
25) 全体を折り上げ
21-23 のおりすじを
山線で折ってまとめる



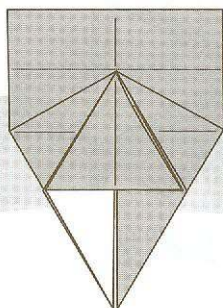
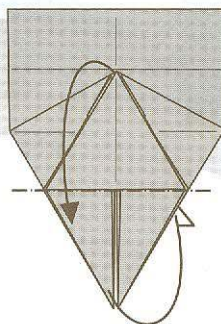
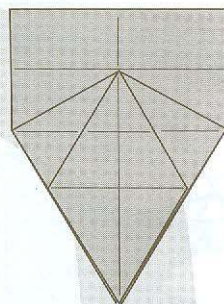
26) 裏返す

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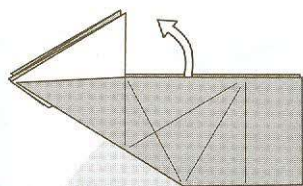
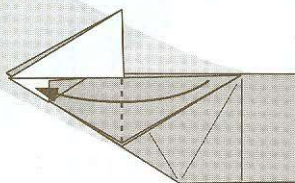
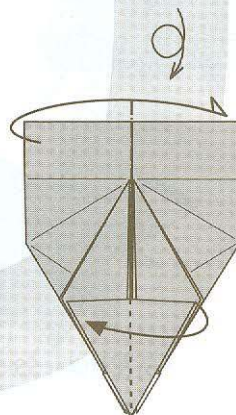
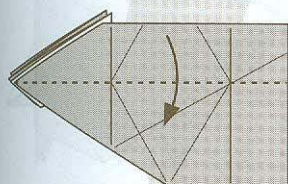
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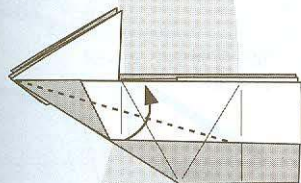
35) 一枚折り返す

36) 反対側も 33-35
と同様に37) 中央の山線で
回転させるように

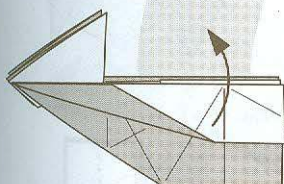
38) 裏返す

41) 内側の紙を
引き出す40) カドを前に
折る39) 上下を図のように
反対側へ閉じるように

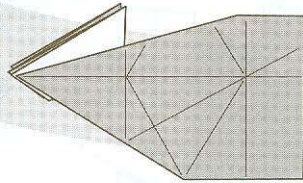
42) 全体を折り下げる



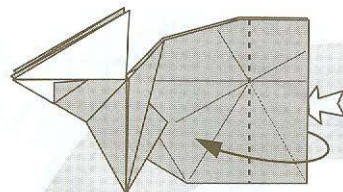
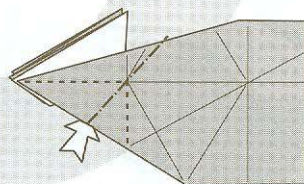
43) カドを半分に折る



44) 42) の折りを戻す



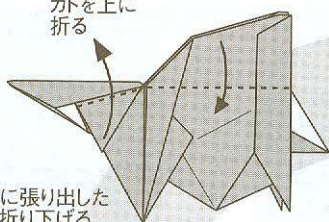
45) 反対側も同様に

47) 一枚左へ折り返し
内側を点線で山折46) 山谷線に従って
カドを開いてつぶす

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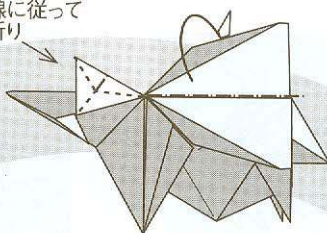
It is prohibited hard to improve the diagram on the web without permission.

カドを上
に折る

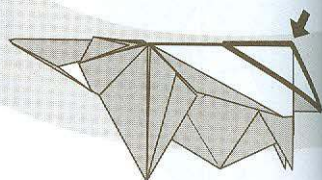


57) 上に張り出した
部分を折り下げる

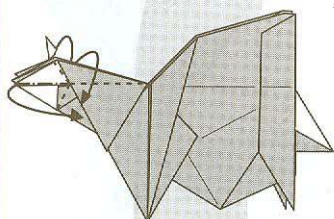
山谷線に従って
内心折り



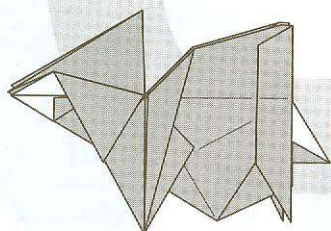
58) 上に張り出した
部分を折り下げる



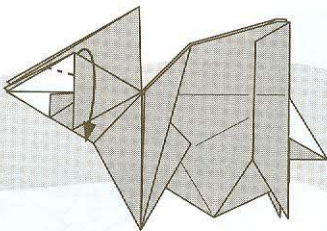
59) 太線で囲まれた
部分を closed sink



56) 山谷線に従って折る
白いカドを引き出すように

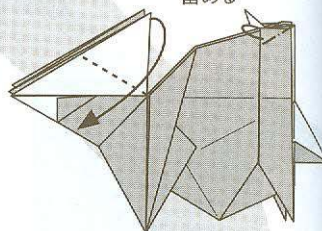


55) 反対側も 53-54 と同様に



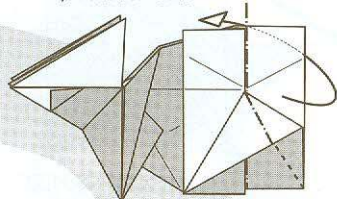
54) ずらすように

カドを折って
留める

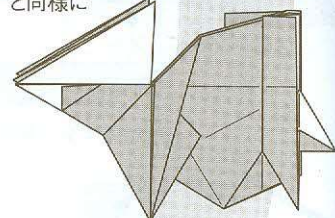


53) カドを辺に
合わせて折る

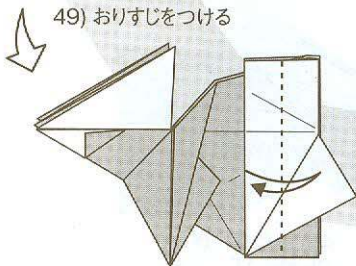
48) 反対側も同様に



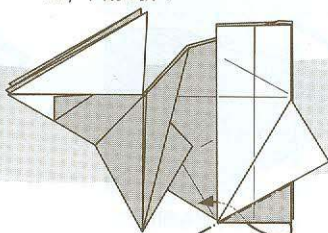
52) 反対側も 49-51
と同様に



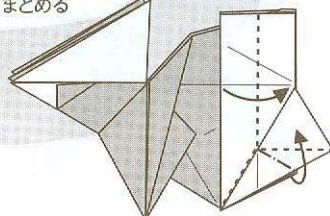
49) おりすじをつける



50) 中割り折り

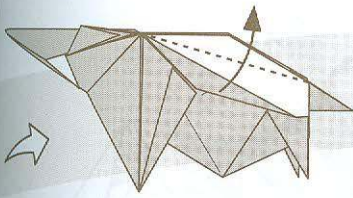


51) 山谷線に従って
まとめる

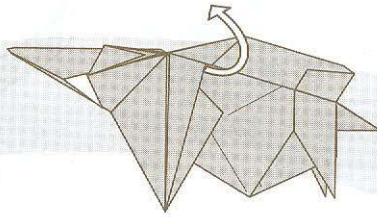


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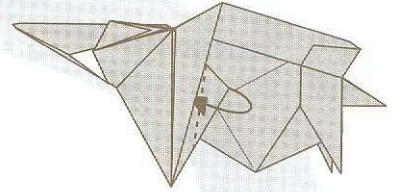
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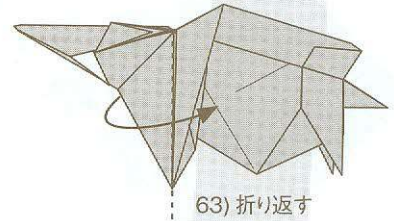
60) ぎりぎりのところで折り上げる



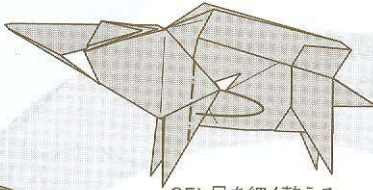
61)重なっているところを引き出す



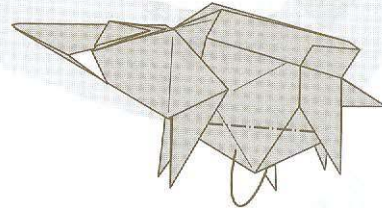
62) ひだの間に折り込む



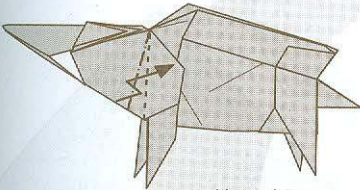
63) 折り返す



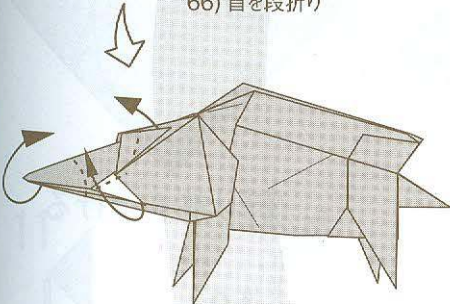
65) 足を細く整える



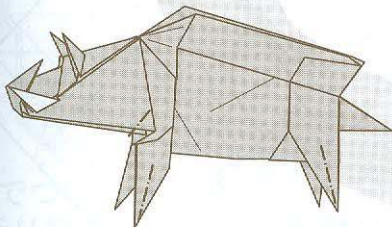
64) 腹を折り込む



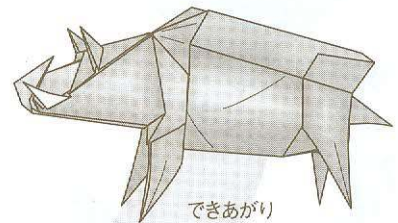
66) 首を段折り



67) 耳を立て、キバを前に、鼻先を立てる。鼻先は折りぎらないでやや立体的に



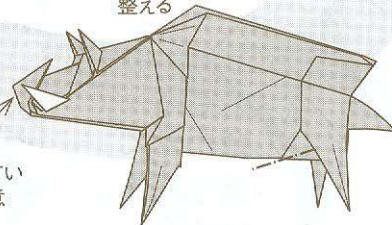
68) 足を揃むように表情付け



できあがり

69) 全体に形を整える

破れやすいので注意



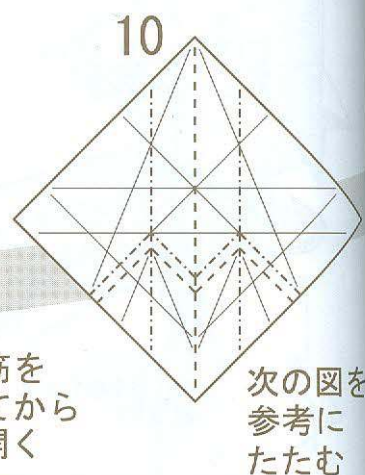
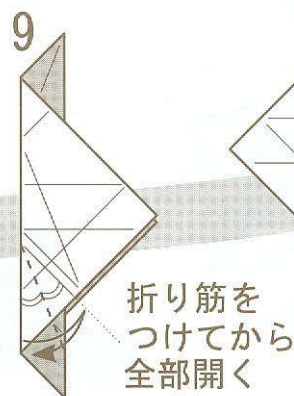
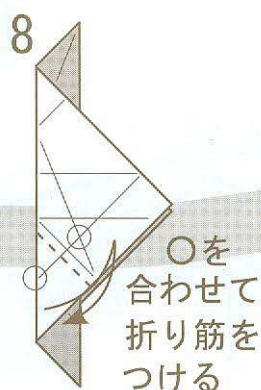
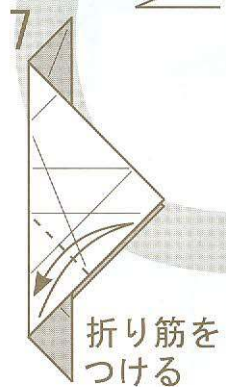
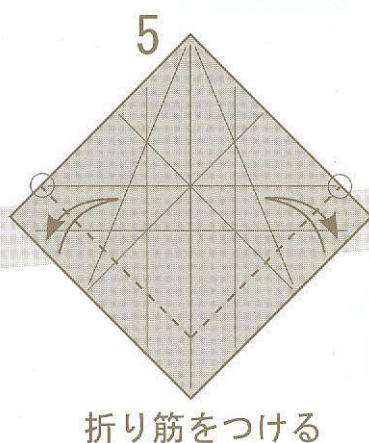
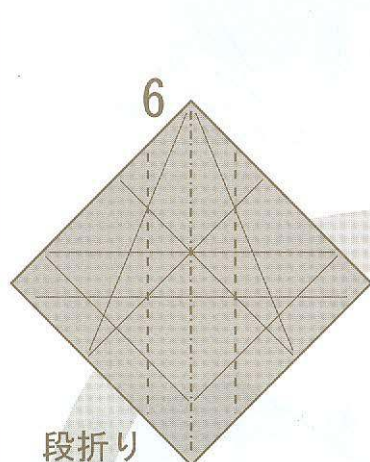
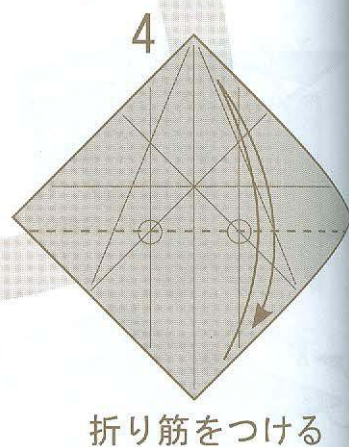
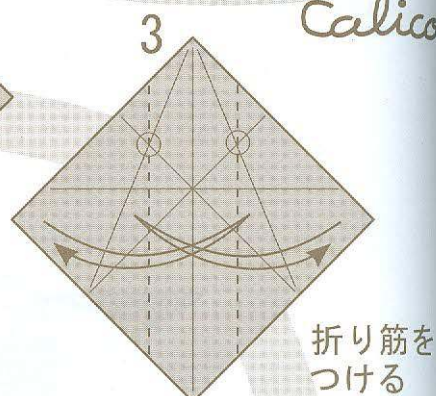
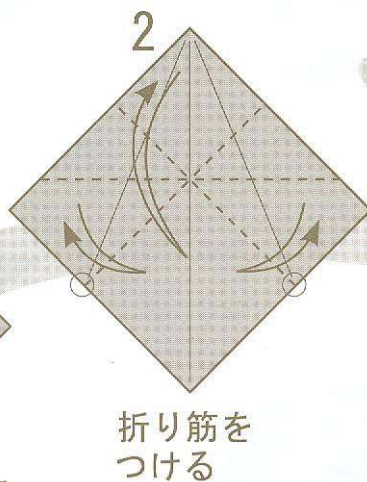
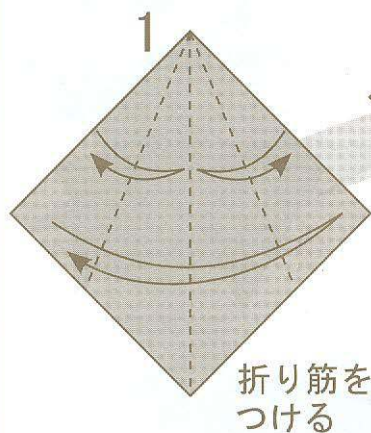
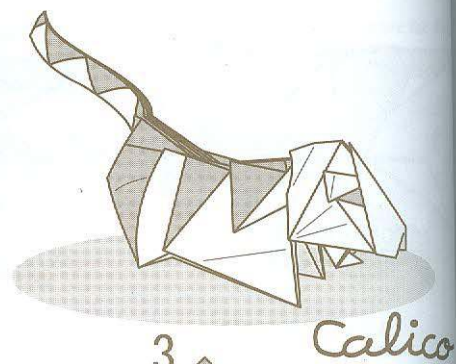
とらさん

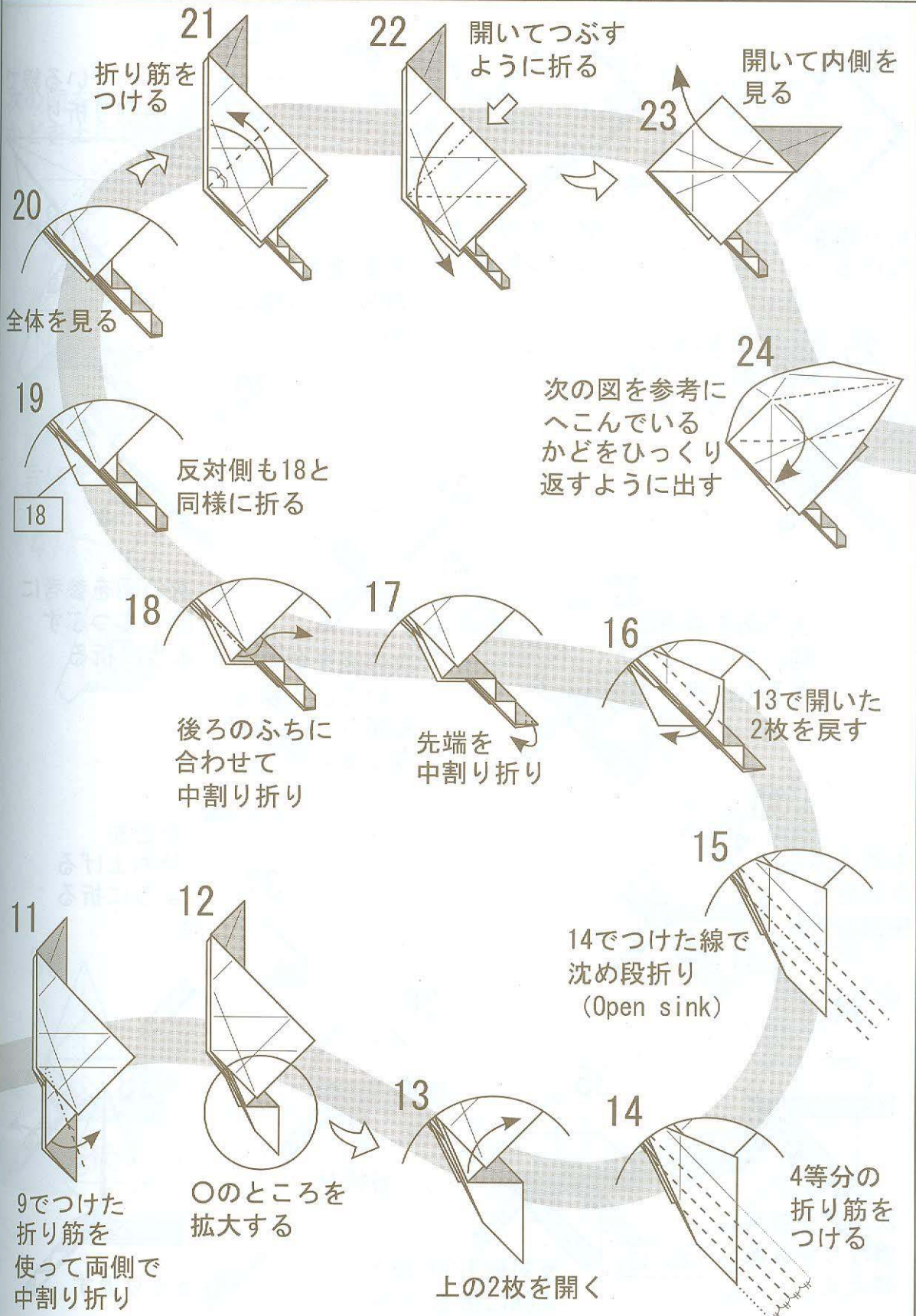
各務 均

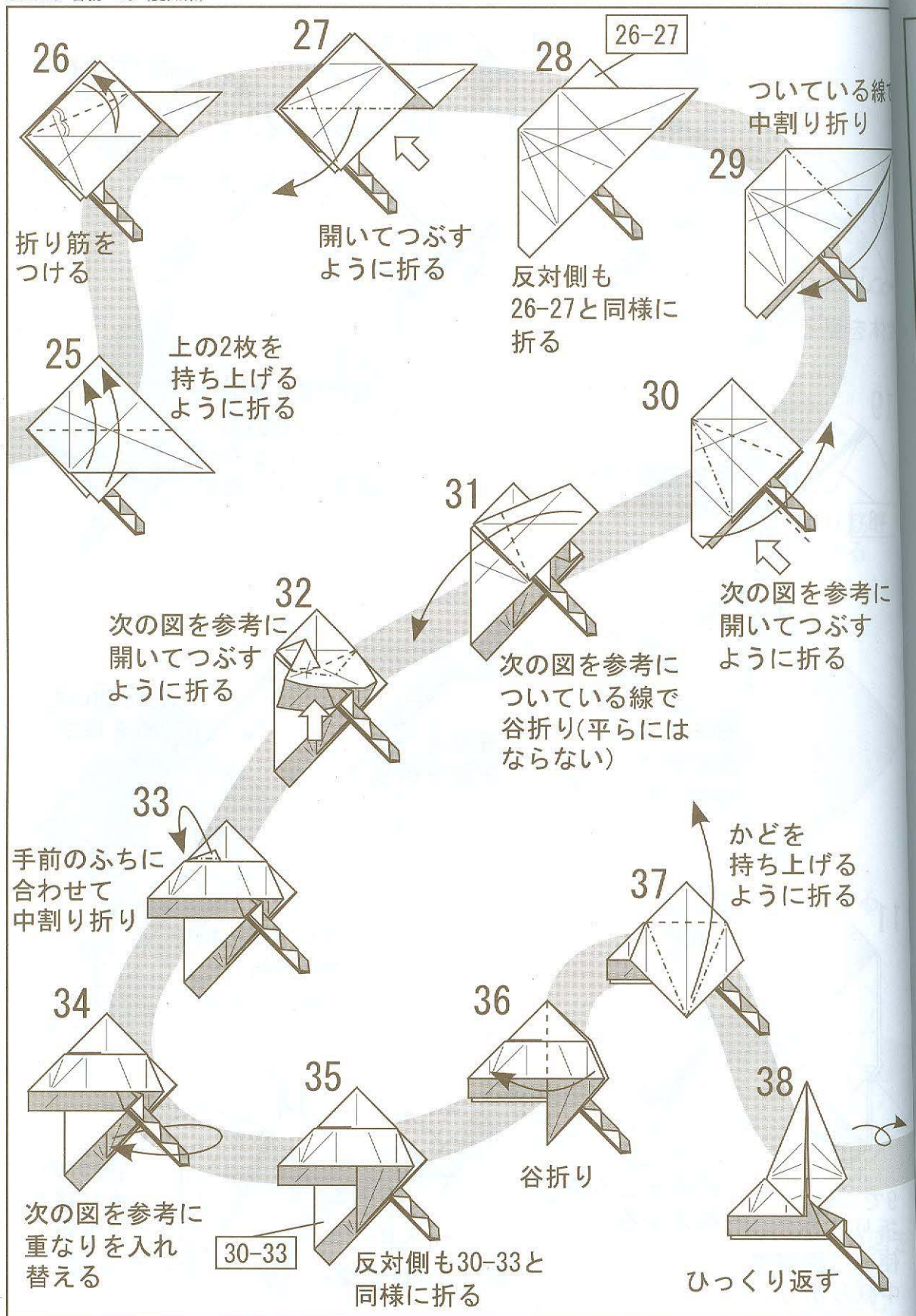
Tiger 3

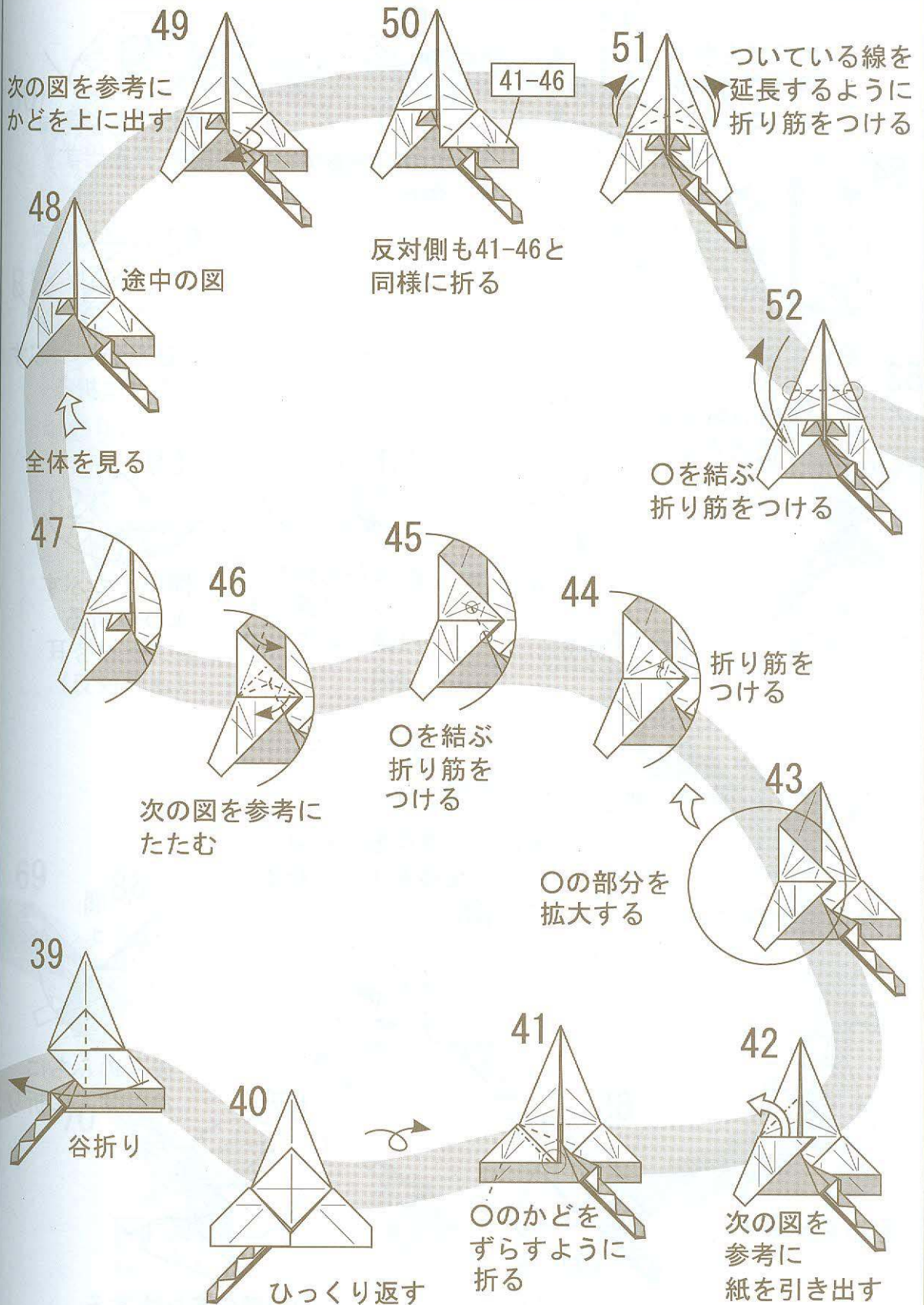
Kakami Hitoshi

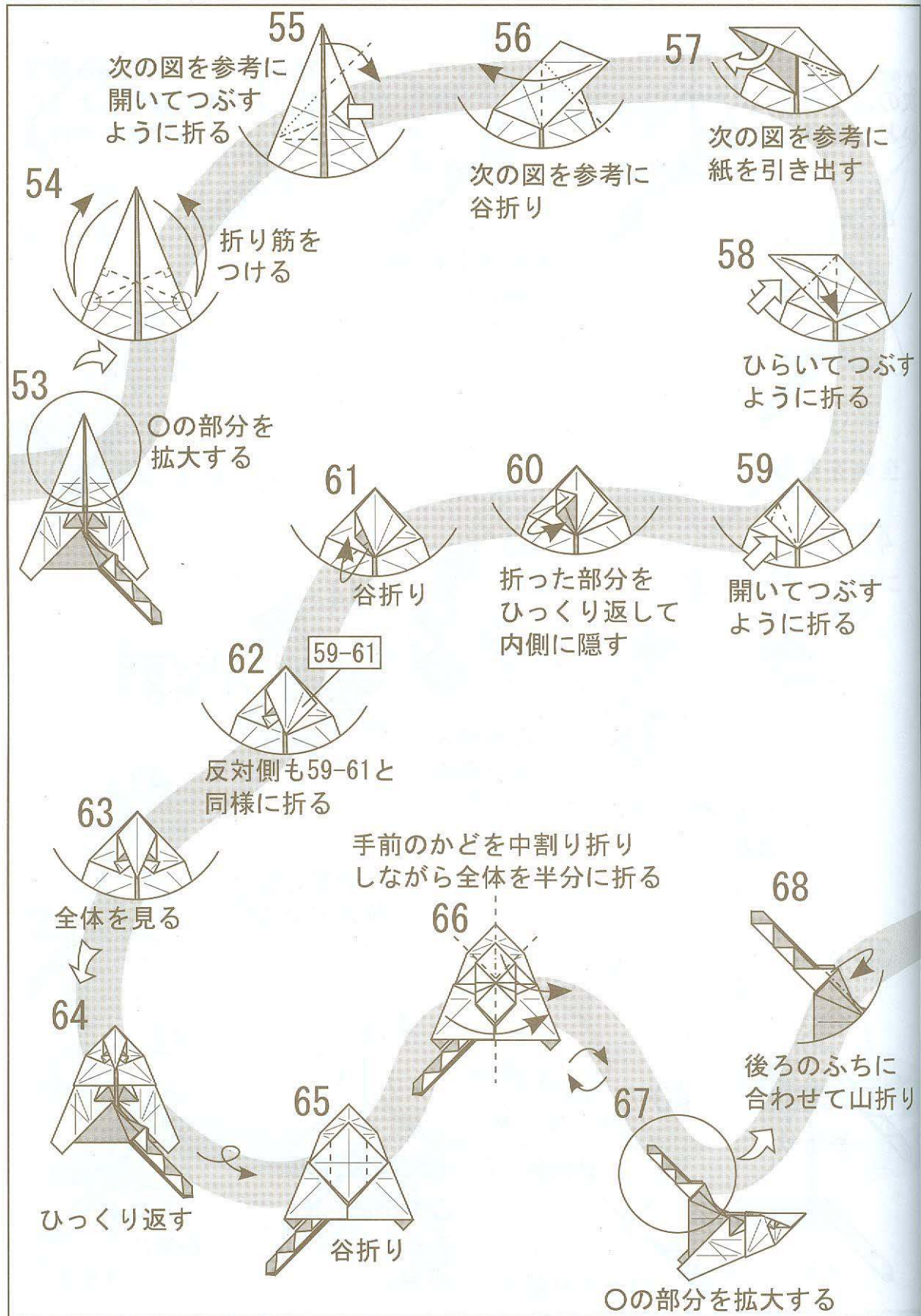
創作 2009年12月
作図 2012年 5月

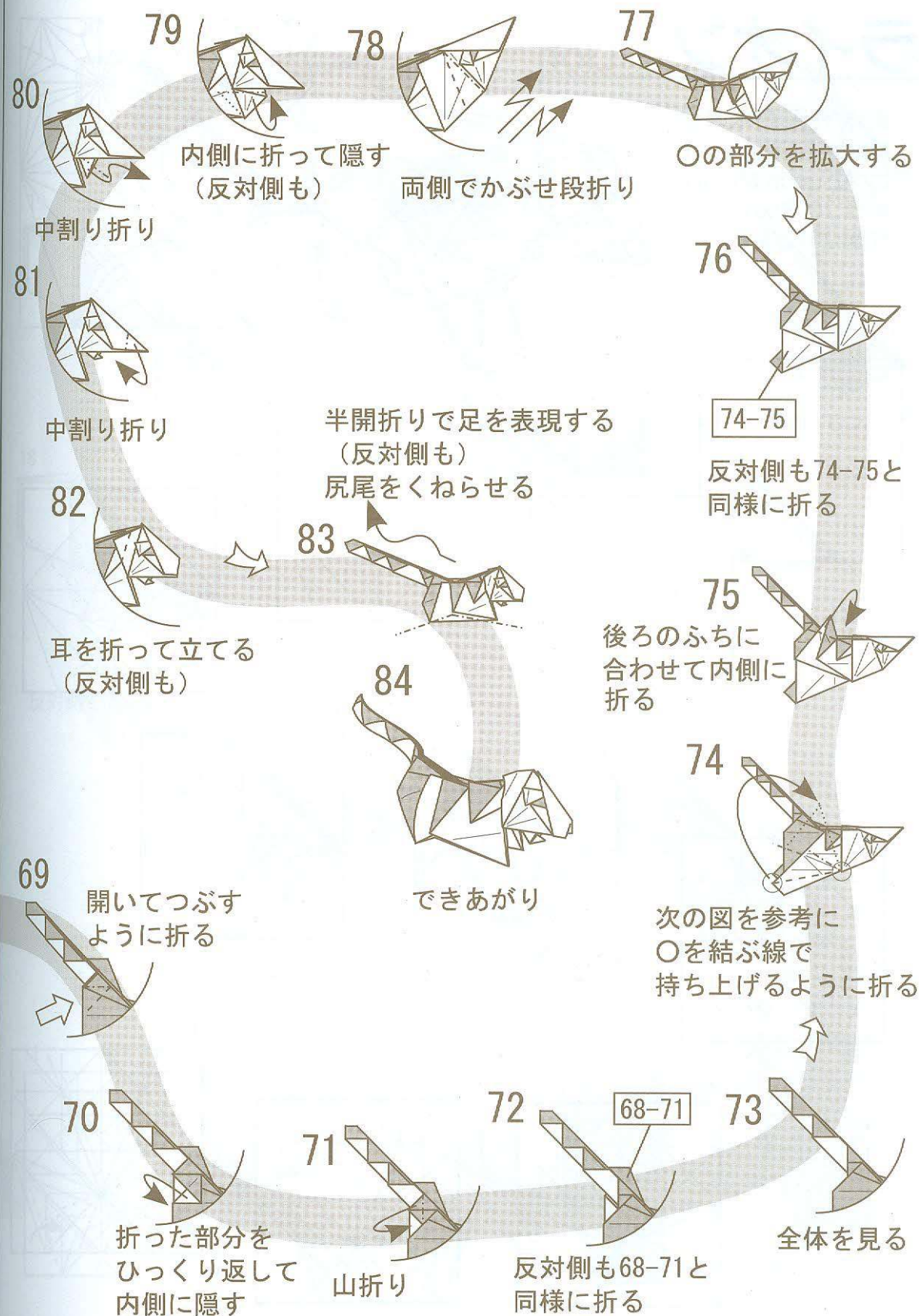






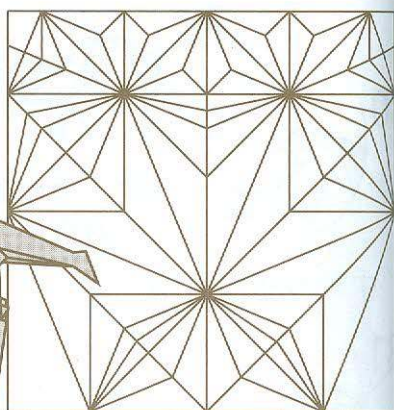
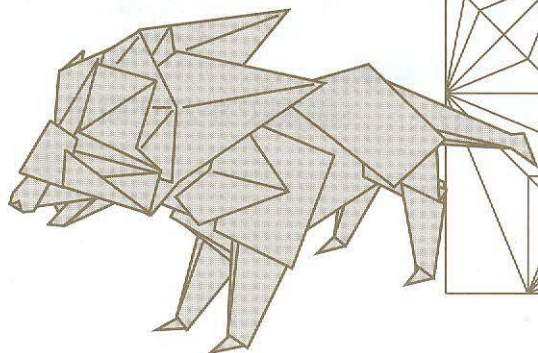




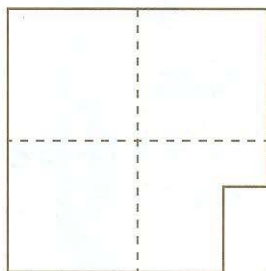


ライオン Lion

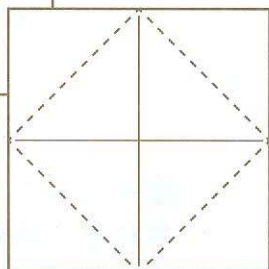
創作/作図:村木厚紀
Model & Diagrams
by Atsunori Muraki
創作:2008/x/x
作図:2012/3/x



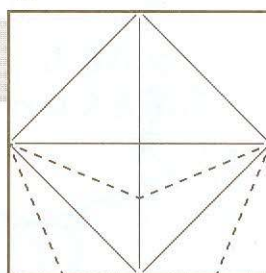
1



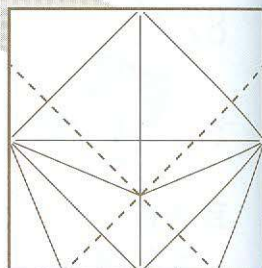
2



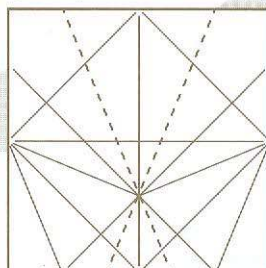
3



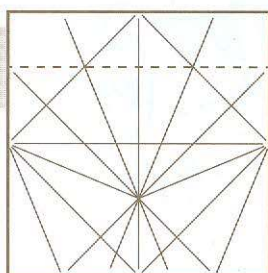
4



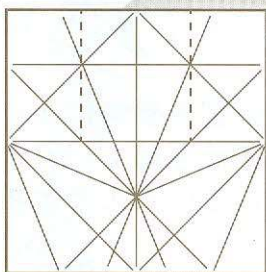
5



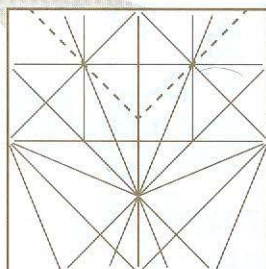
6



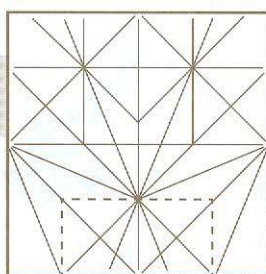
7



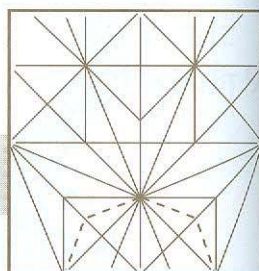
8

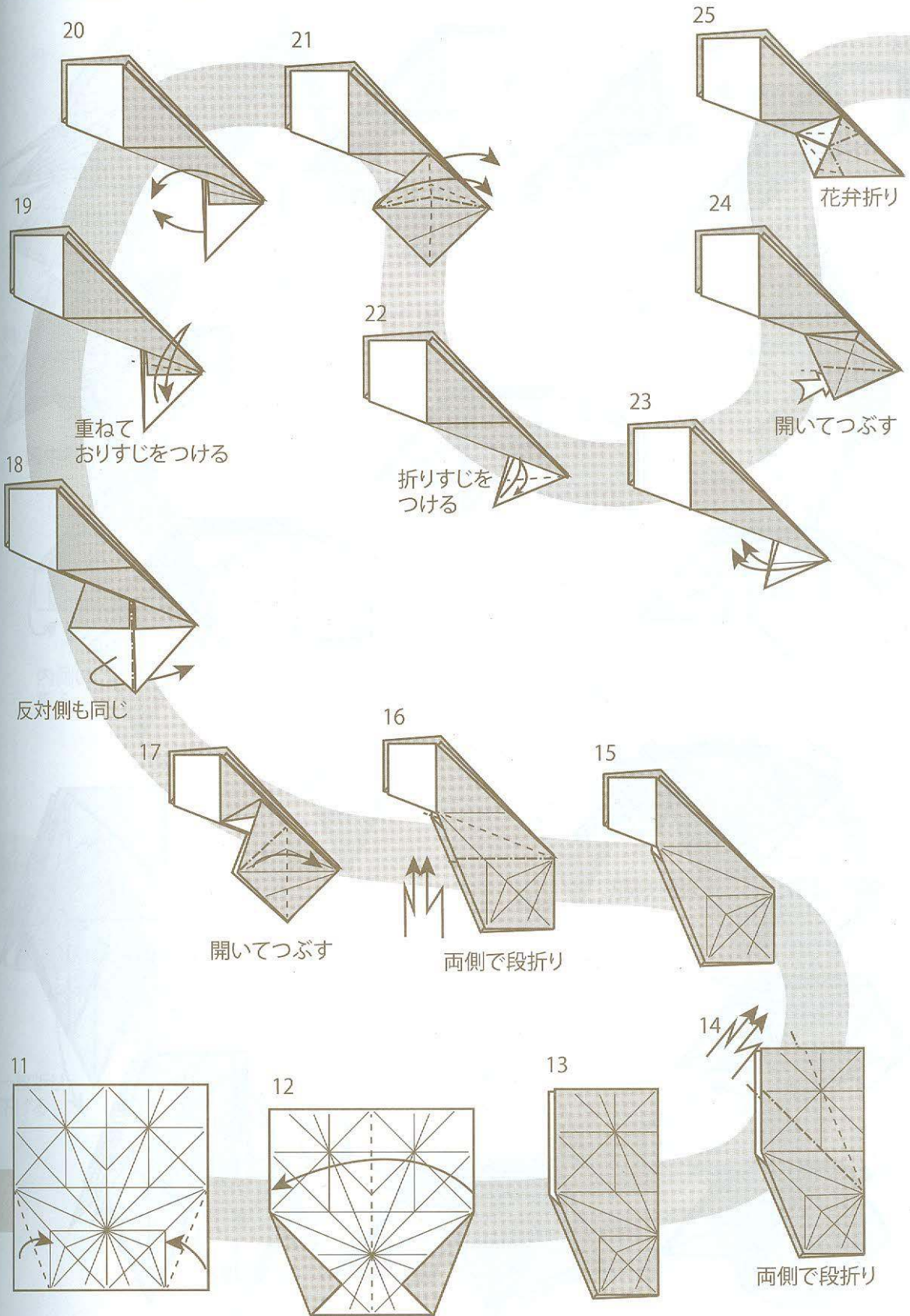


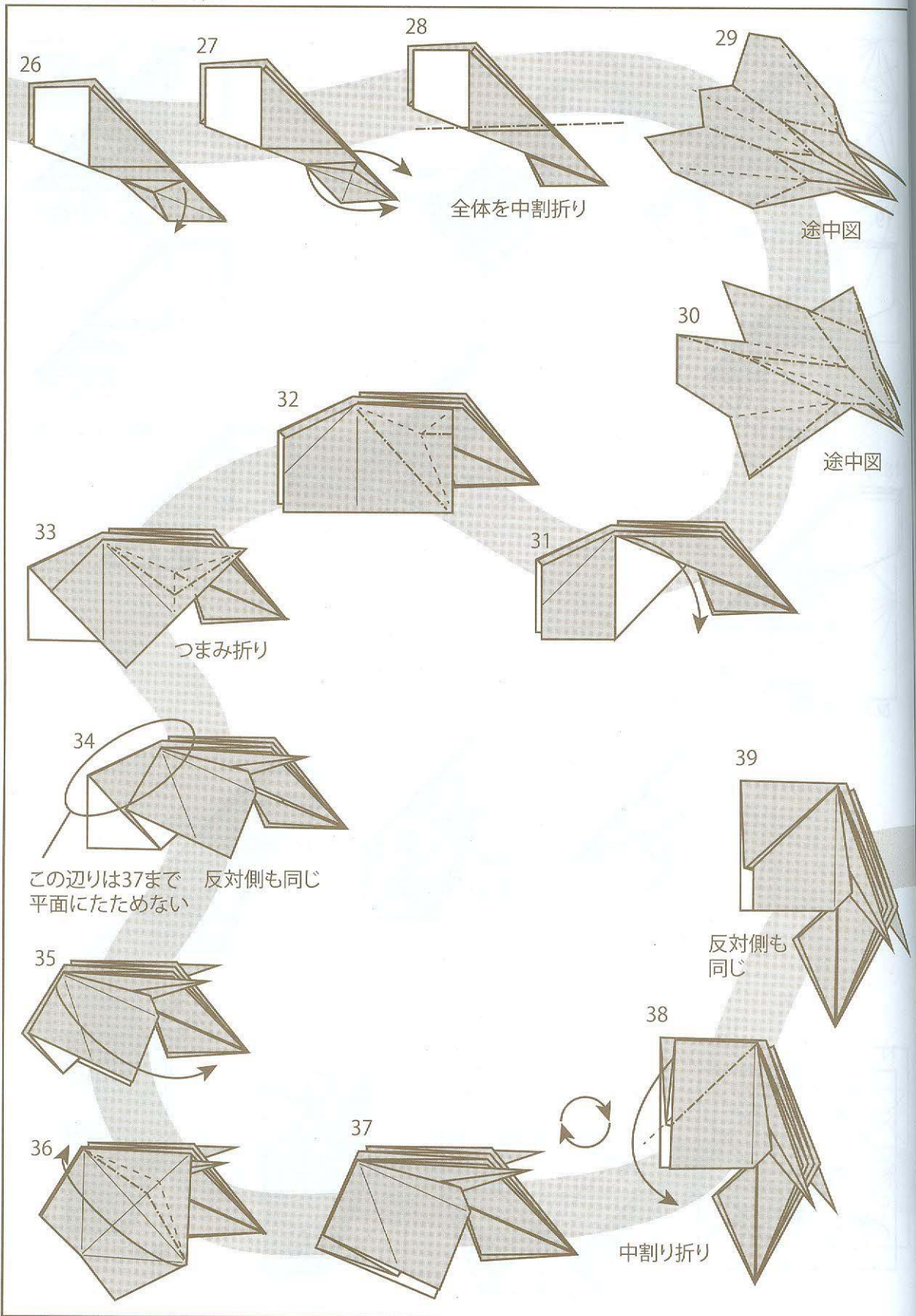
9

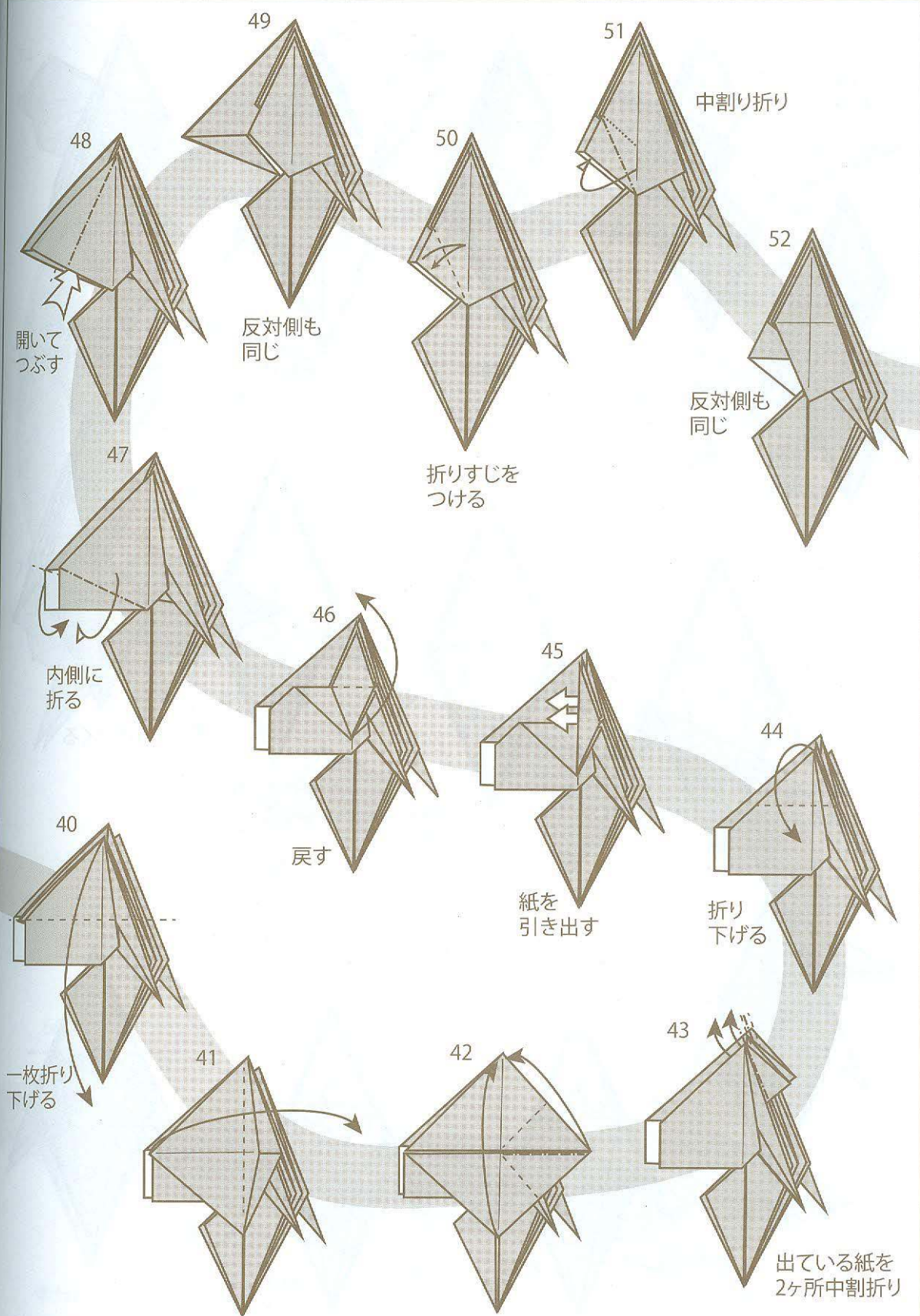


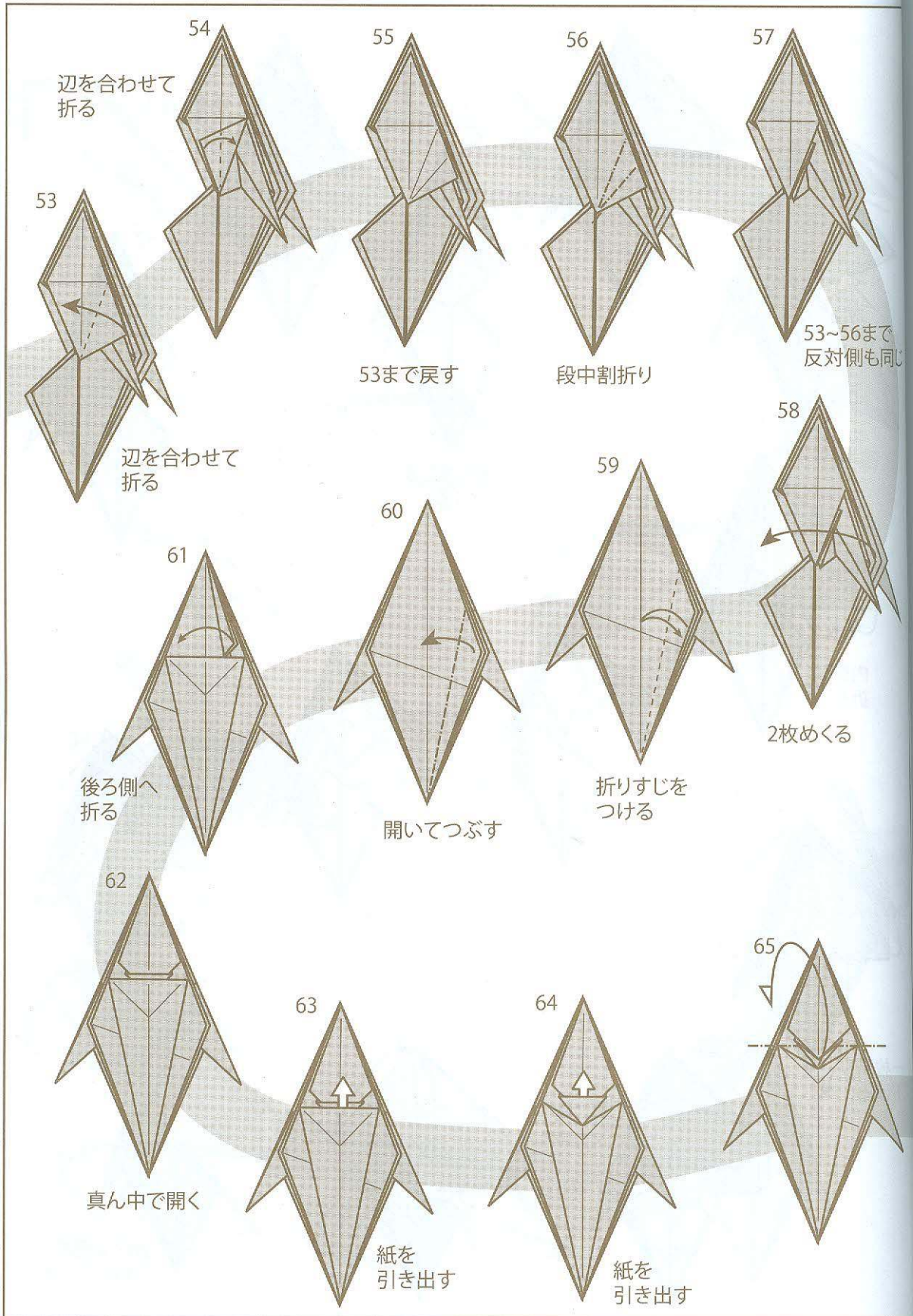
10

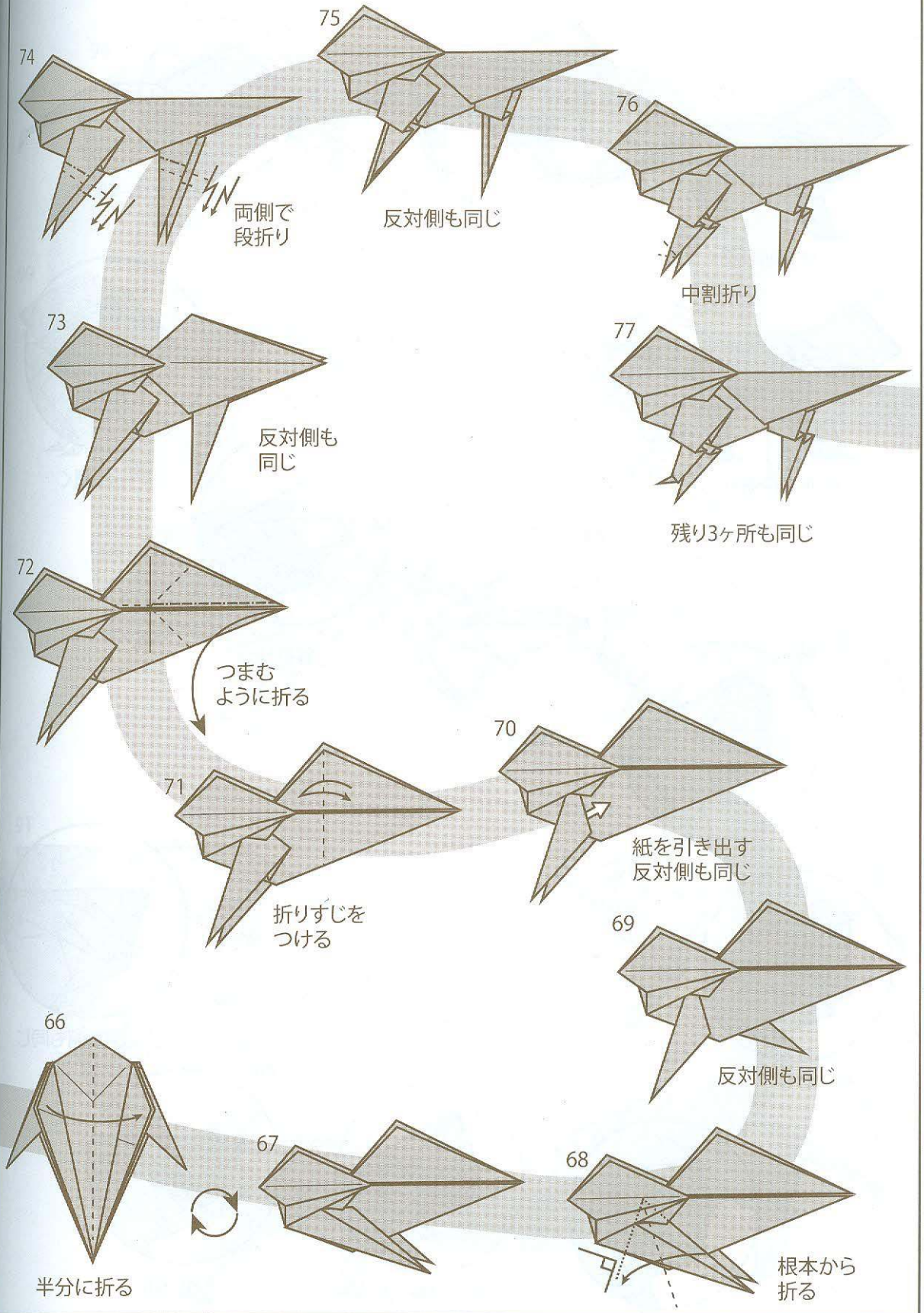




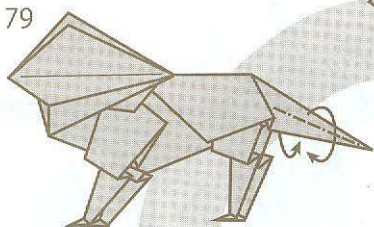






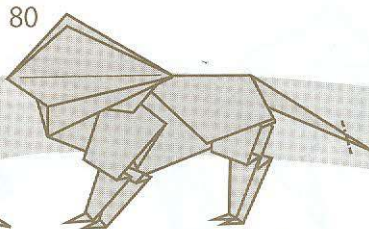


79



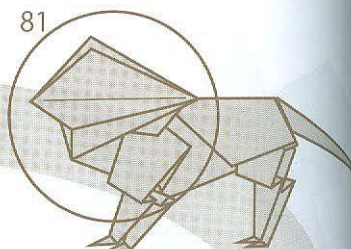
内側に折り細くする

80



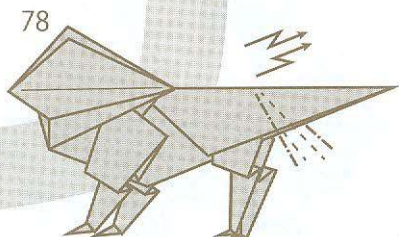
尻尾の先をつぶすように折る

81



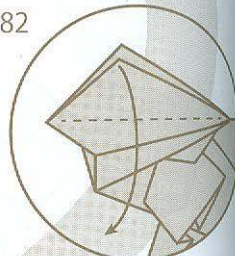
拡大

78



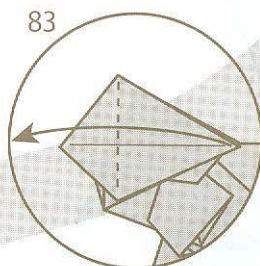
両側で段折り

82



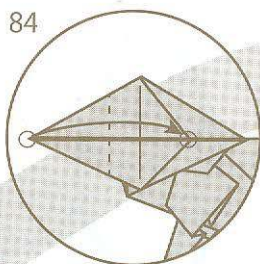
一枚開く

83



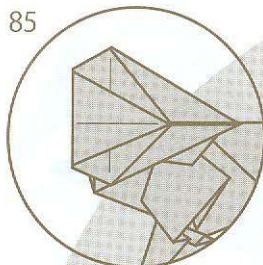
谷折り

84

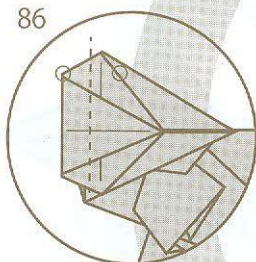


○を合わせておる

85

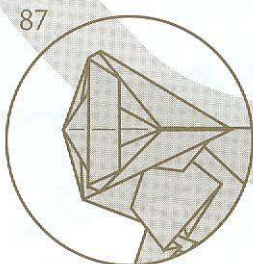


86

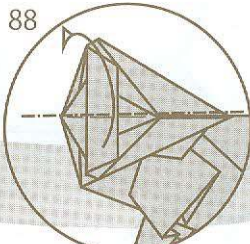


○を合わせて折る

87

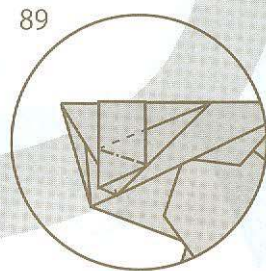


88



向こう側へ折る

89



つまみ折

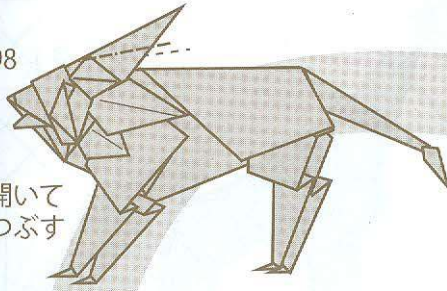
90



反対側も同じ

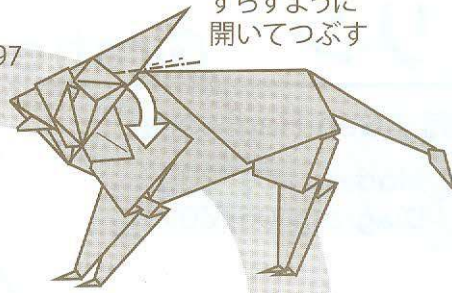
98

開いて
つぶす



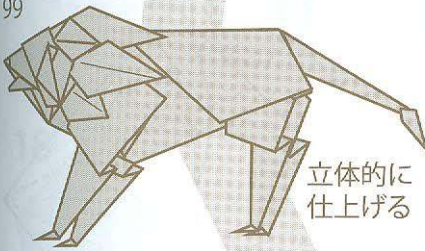
97

ずらすように
開いてつぶす



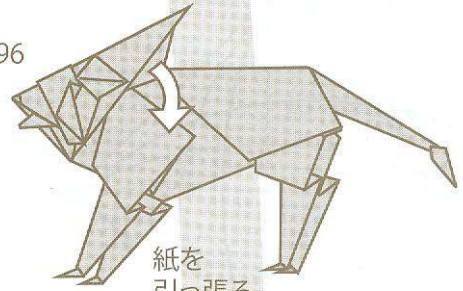
99

立体的に
仕上げる



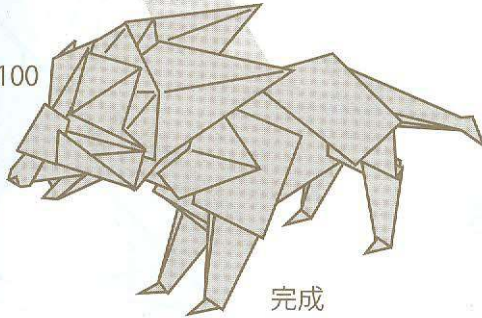
96

紙を
引っ張る



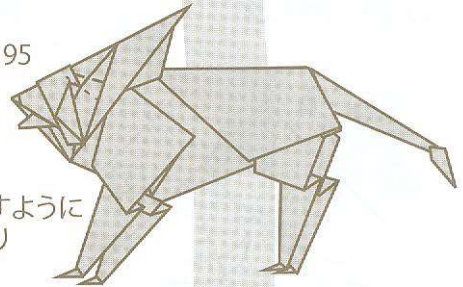
100

完成



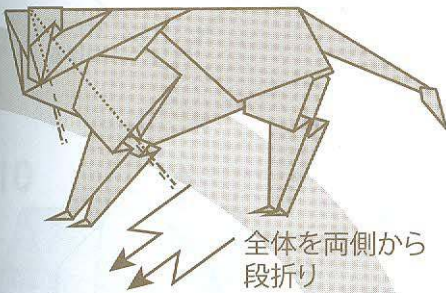
95

ずらすように
段折り



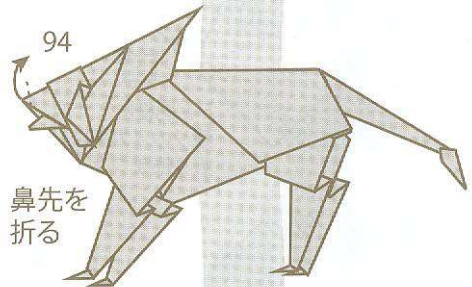
91

全体を両側から
段折り



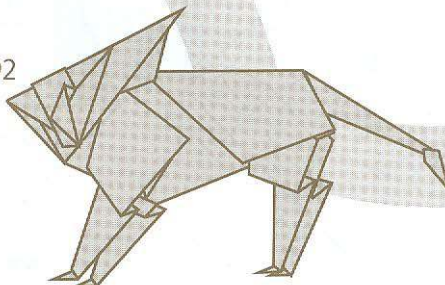
94

鼻先を
折る



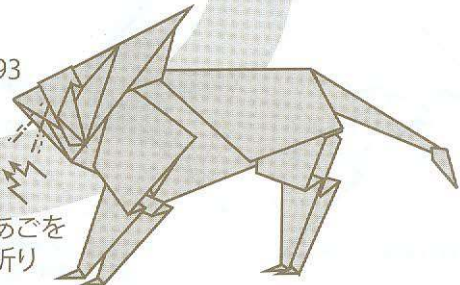
92

下あごを
段折り



93

下あごを
段折り

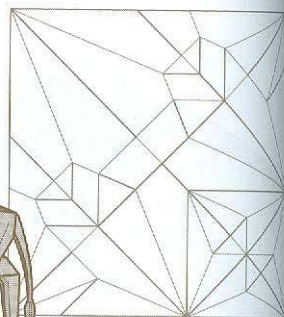
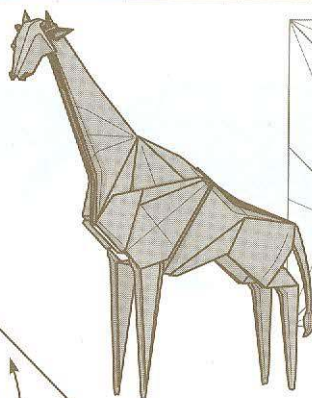


キリン Giraffe

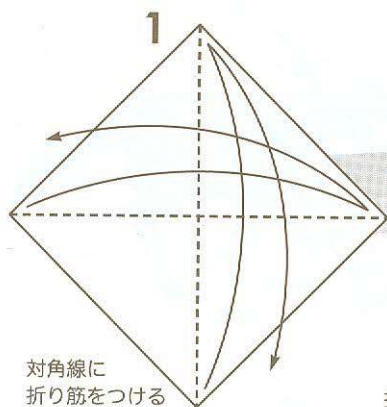
萩原元 / Gen Hagiwara

創作 / Model 05/2009

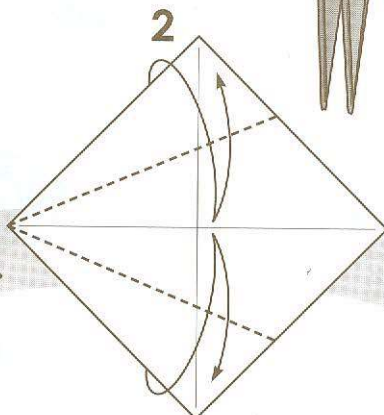
作図 / Diagram 05/2011



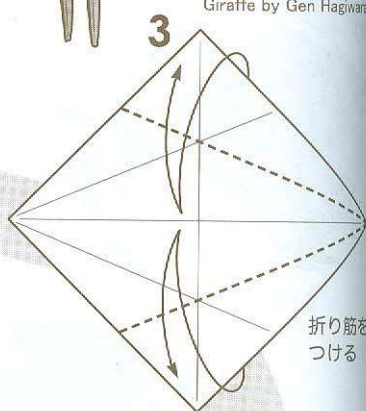
Giraffe by Gen Hagiwara



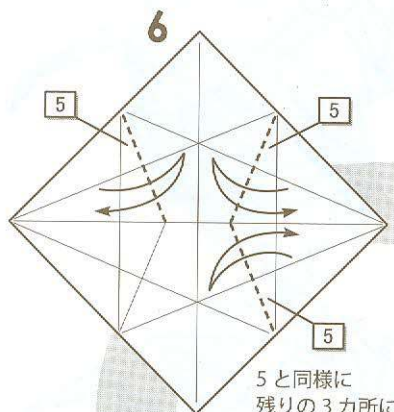
対角線に
折り筋をつける



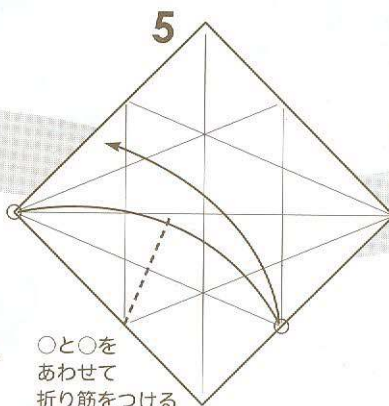
折り筋を
つける



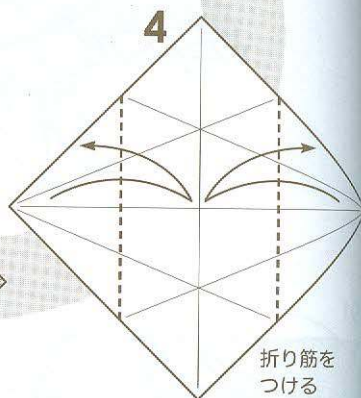
折り筋を
つける



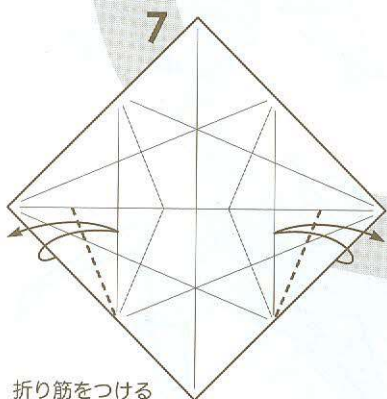
5 と同様に
残りの 3 カ所にも
折り筋をつける



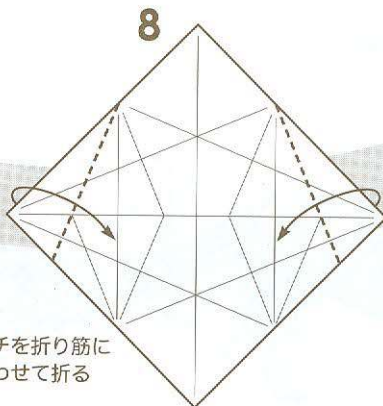
○と○を
あわせて
折り筋をつける



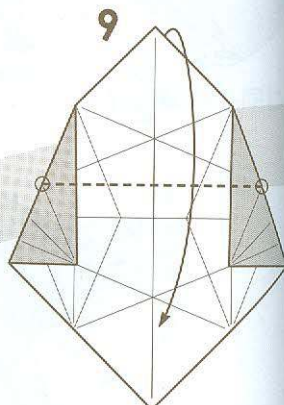
折り筋を
つける



折り筋をつける



フチを折り筋に
あわせて折る



○を結ぶ線で折る

19

フチにそって
中割り折り

20

後ろから見る

21

内側をひろげて
つぶすように折る

22

フチを真ん中に
あわせて折り筋を
つける

18

全体を半分に折る

16

15

11-14

左側も 11-14 と
同様に折る

14

ついている
折り筋をつかって
内側にずらすように折る

17

カドを折る

10

すでについている折り筋
をつかって後ろに折る

11

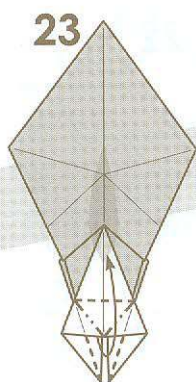
ついている
折り筋をつかって折る
立体的になる

12

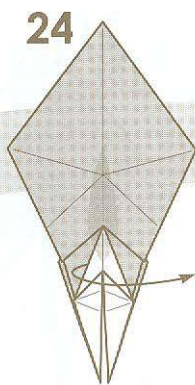
立体的になった部分を
閉じて平らに閉じる

13

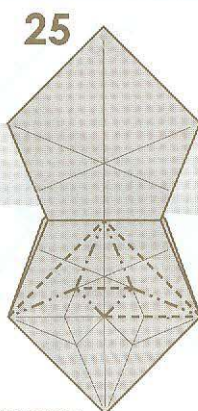
1 番上の 1 枚を
ずらすように折る



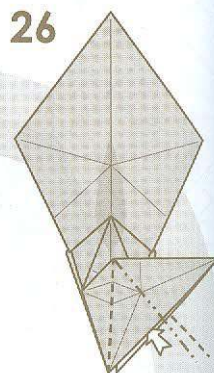
折り筋をつかって内側を
ひろげてつぶすように折る



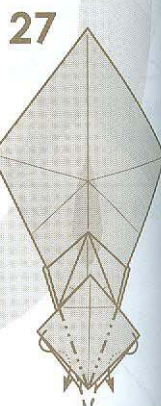
重なっている
白い部分をひろげる



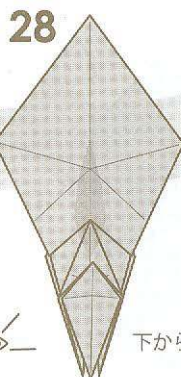
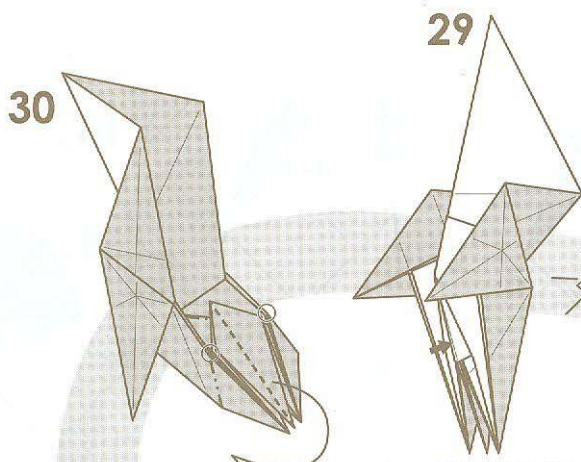
【途中の図】
ついている折り筋
で折りたたむ



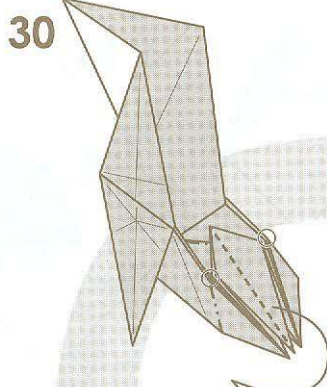
内側をひろげて
つぶすように折る



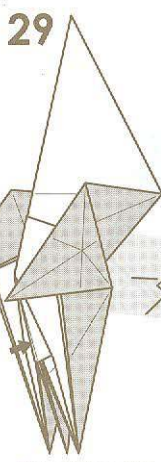
ついている折り筋を
つかって中割り折り



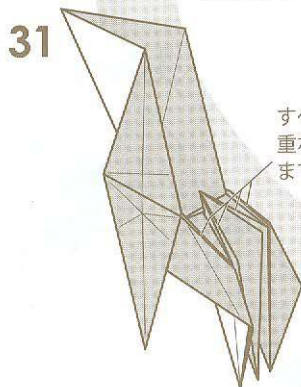
下から見る



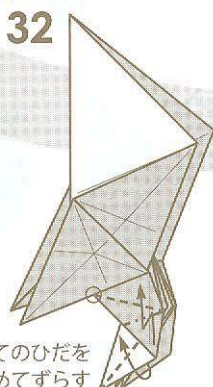
3つのカドをまとめて
中割り折りのように折る



真ん中のヒダを
後ろに押す
後ろから見る



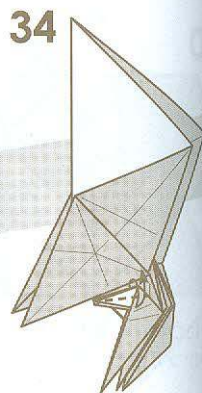
すべてのフチが
重なるところ
まで折る



すべてのひだを
まとめてずらす
ように折る



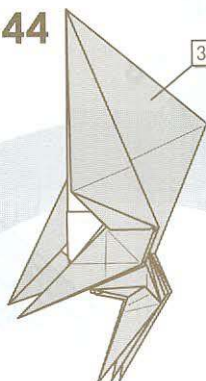
手前の2枚のヒダを
重なりから分ける



フチとフチをあわせて
折りすじをつける

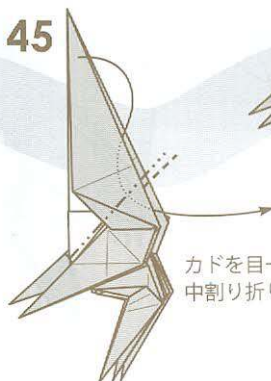
44

37-43



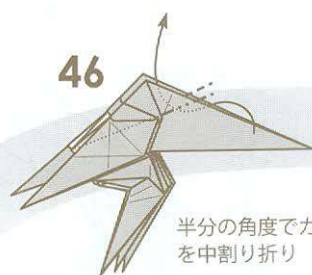
反対側も 37-43 と
同様に折る

45



カドを一杯
中割り折り

46



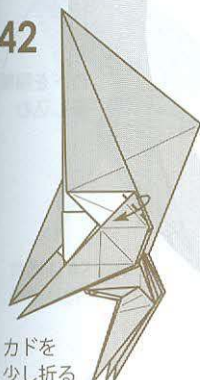
半分の角度でカド
を中割り折り

43



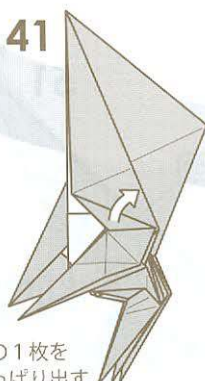
フチとフチを
あわせて折る

42



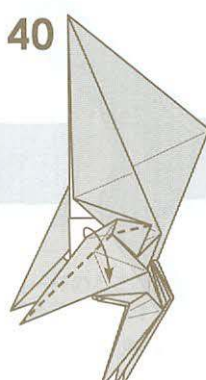
カドを
少し折る

41



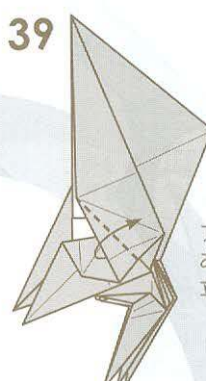
上の1枚を
ひっぱり出す

40



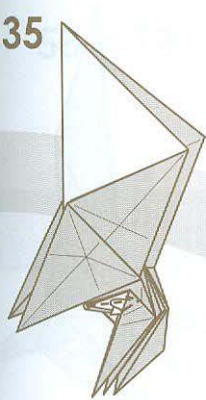
持ち上がった
部分を閉じる

39



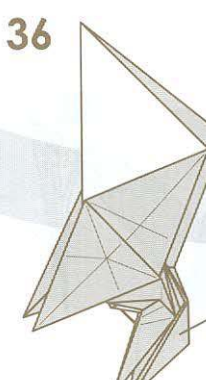
フチと折り筋を
あわせて折る
立体的になる

35



折り筋をつかって
内側にずらすように
折る

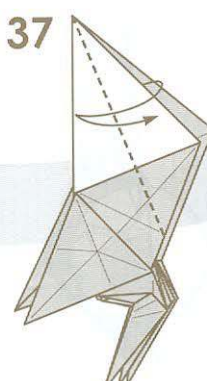
36



反対側も 32-35 と
同様に折る

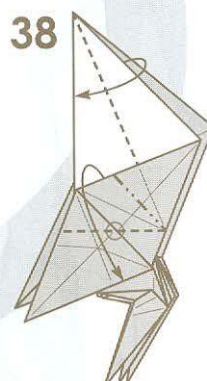
32-35

37

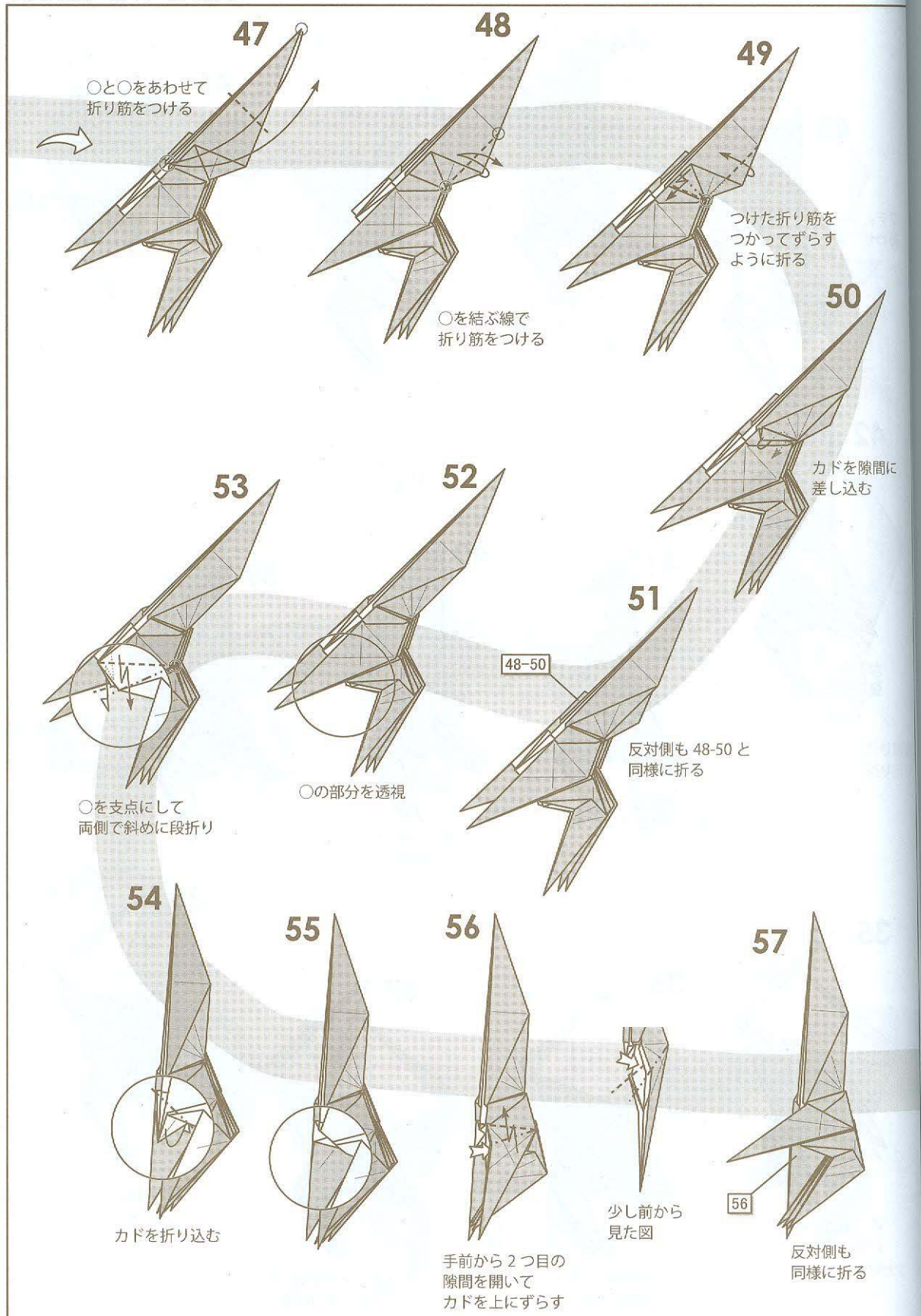


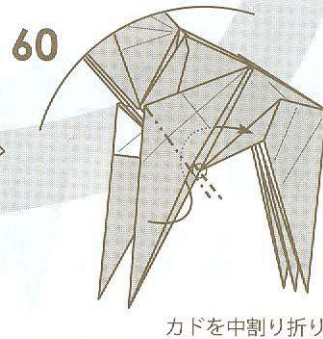
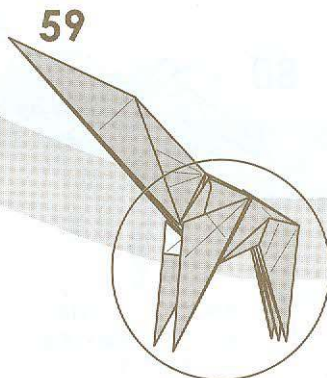
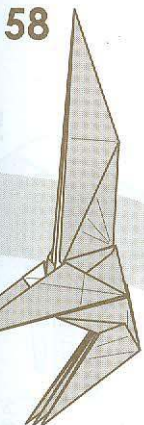
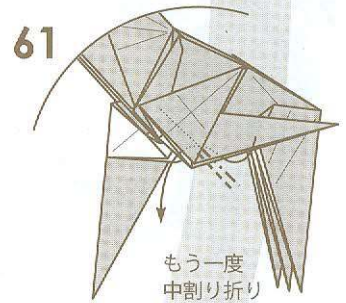
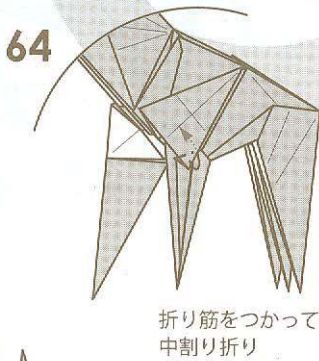
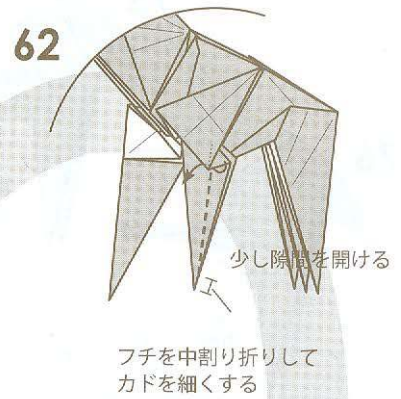
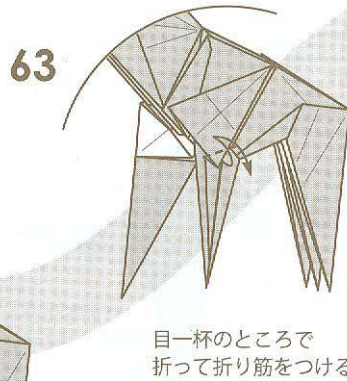
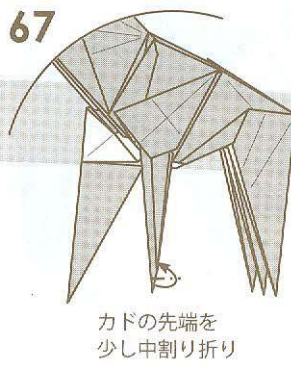
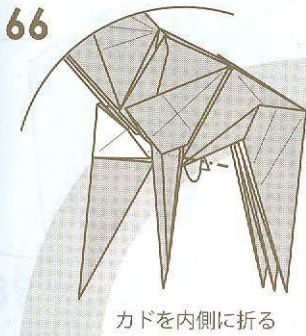
フチとフチをあわせて
折りすじをつける

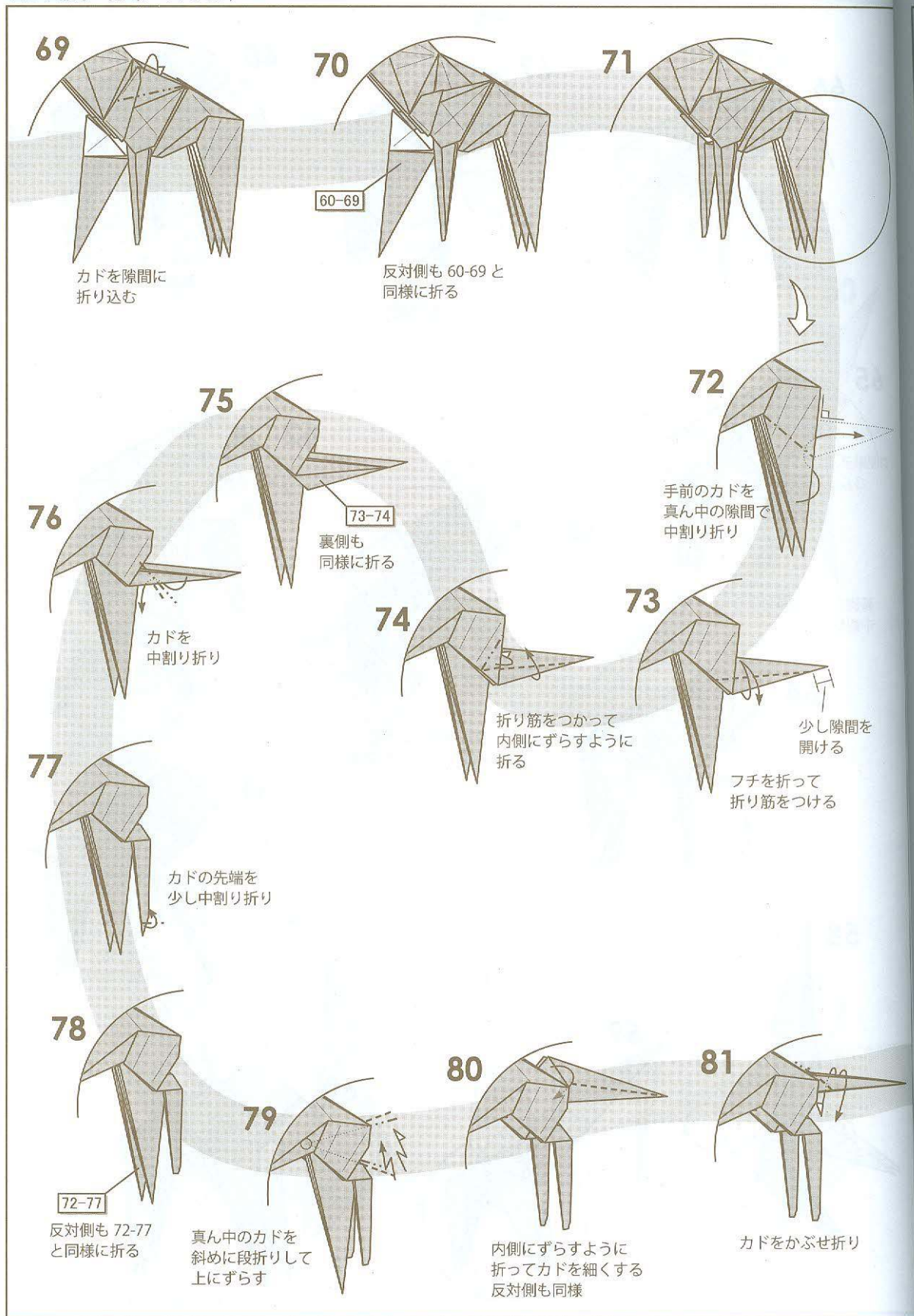
38



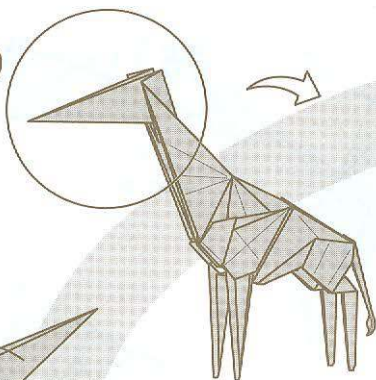
○を通るように
内側をひろげて
つぶすように折る



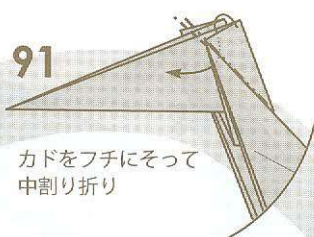




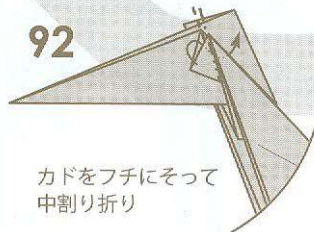
90



91

カドをフチにそって
中割り折り

92

カドをフチにそって
中割り折り

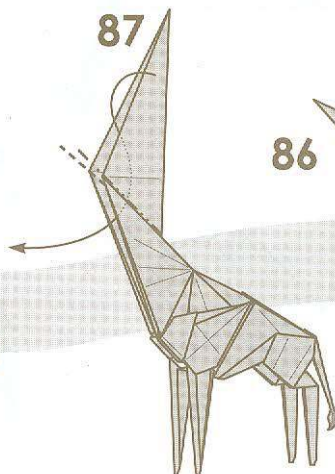
89

カドを
中割り折り

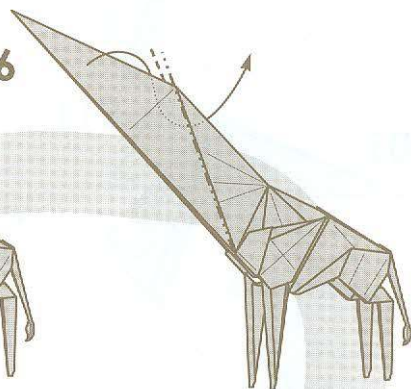
88

カドをフチに
そって中割り折り

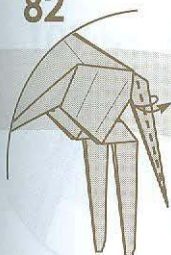
87

カドをフチに
そって中割り折り

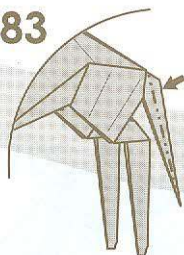
86

カドをフチにそって
中割り折り

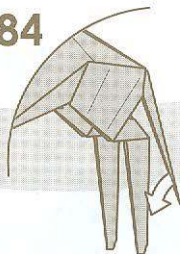
82

フチとフチをあわせて
折り筋をつける

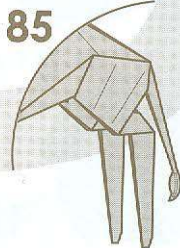
83

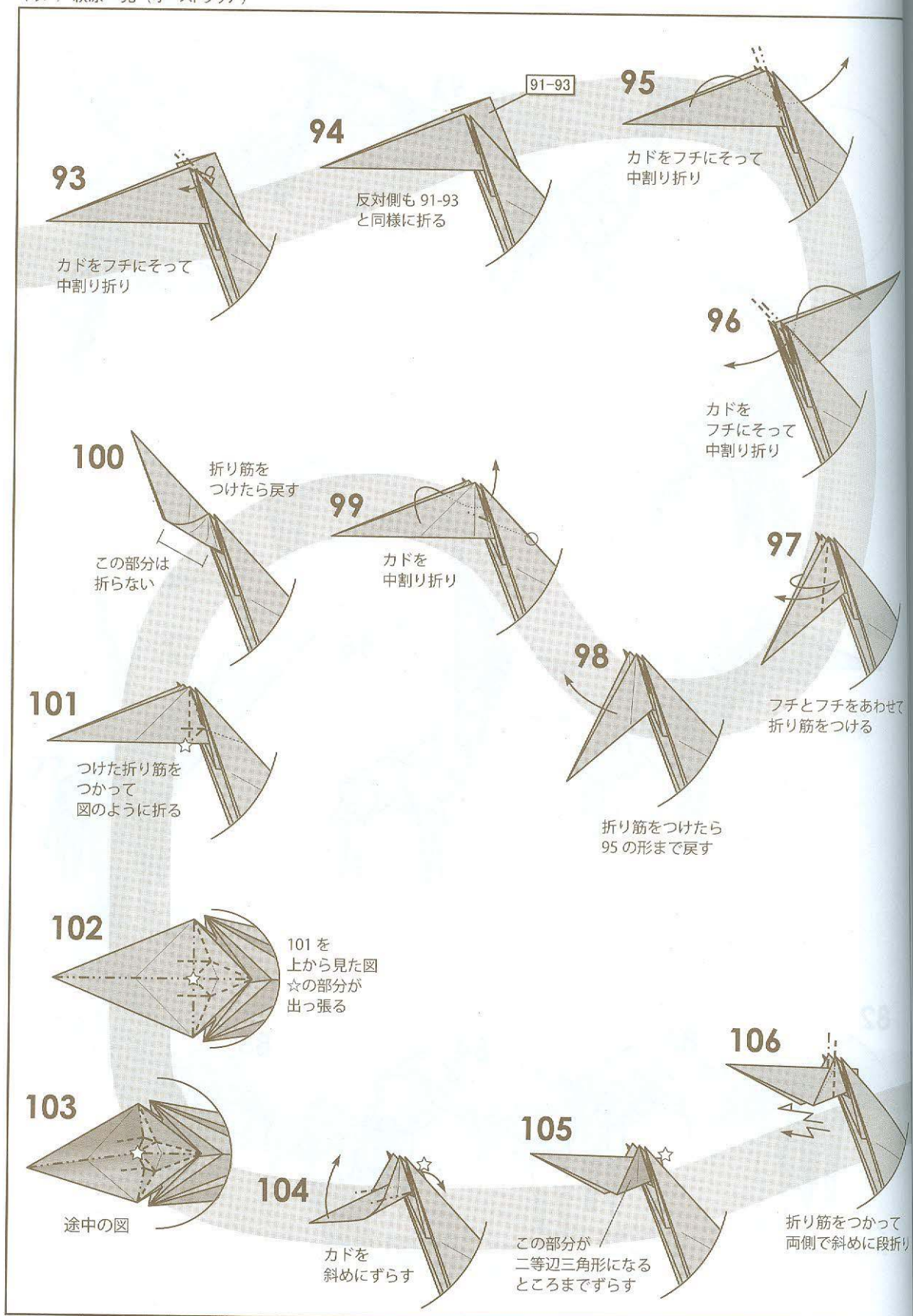
折り筋をつかって
沈め折り
(Closed Sink)

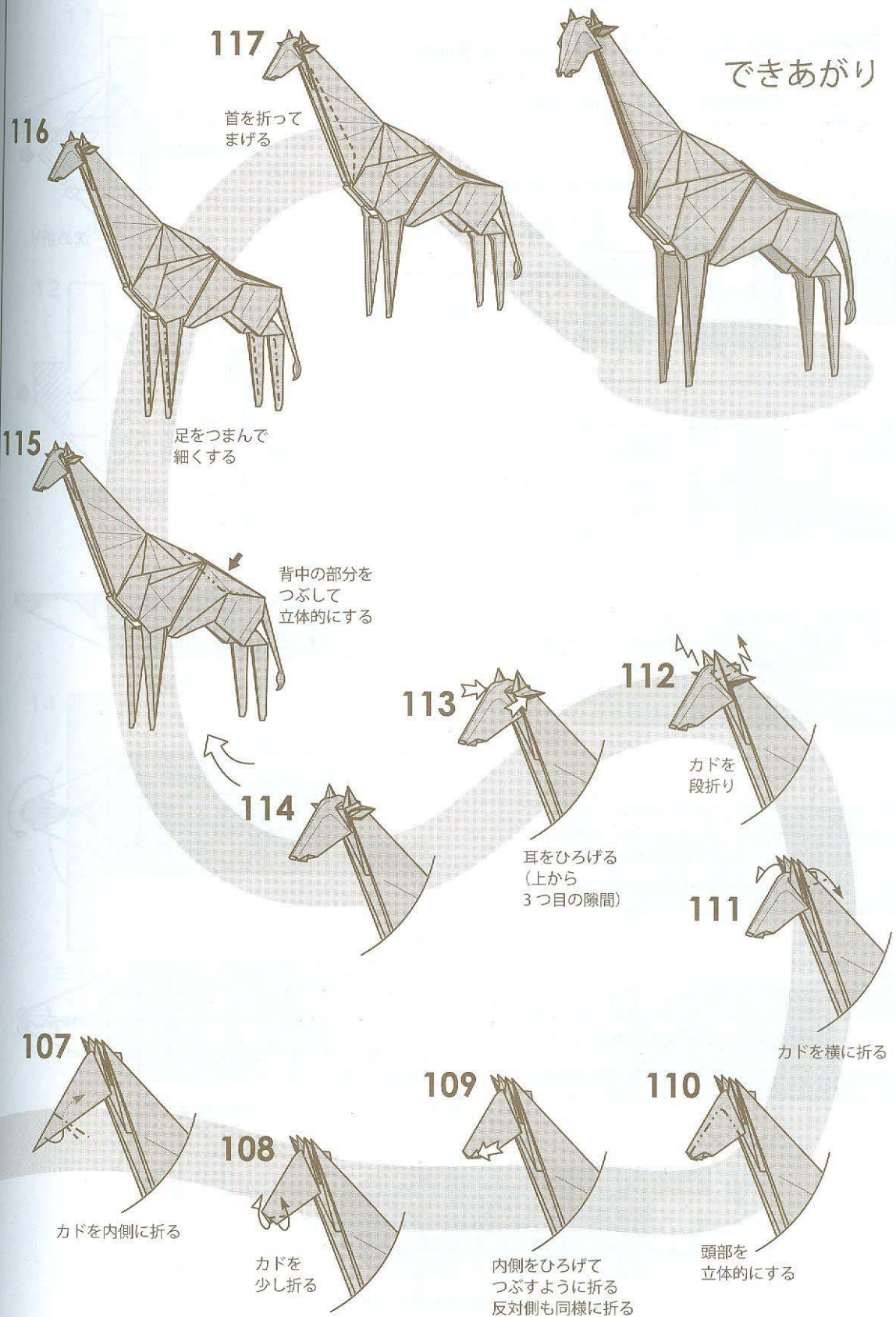
84

内側の紙をひっぱり
出して尾の先をつくる

85



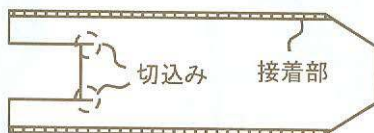
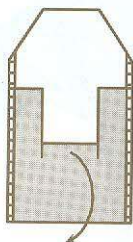
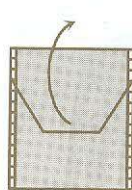




ティーバッグのニワトリ Tea-bag Rooster

創作: 2012/1/17 作図: 2012/4/22

小野 友彰 (By Tomoaki ONO)

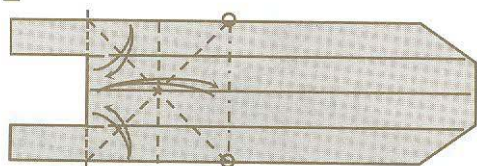


・両サイドの接着部は、綺麗に取り除く。
・切込みの有無にかかわらず折れます。

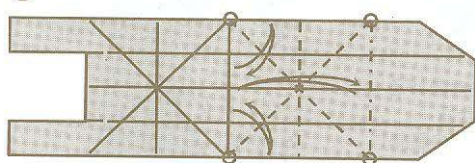
1



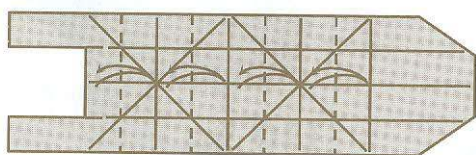
2



3



4

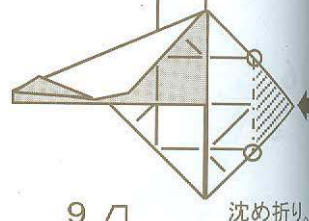


5

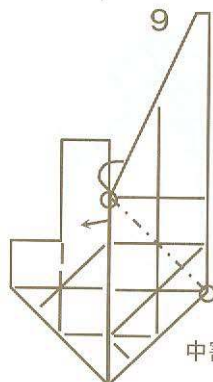


6~7mm程の間を空けて、図の折り筋で谷折り。

10



9

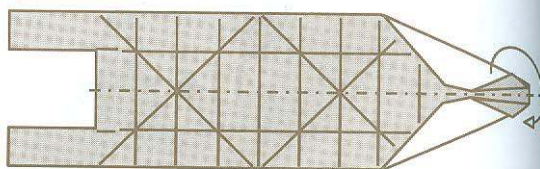


8



かぶせ折り(2箇所)。

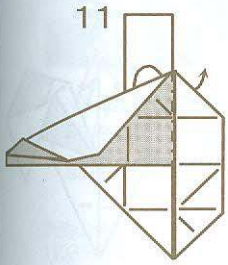
7



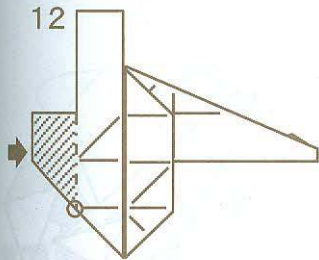
6



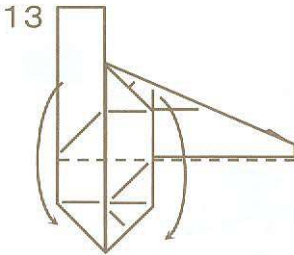
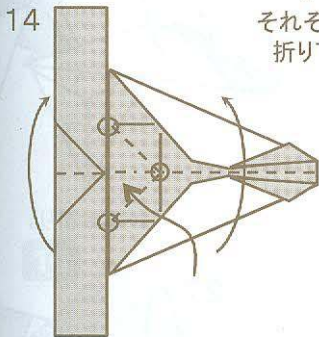
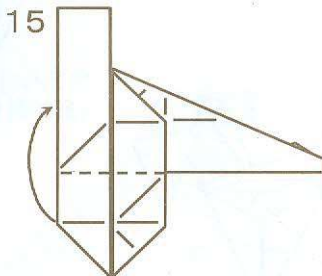
ぐらい折りで対称に折り返す。



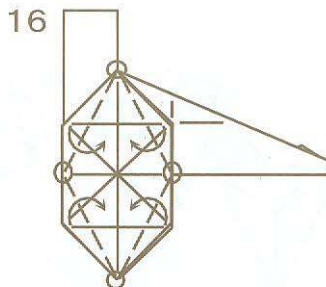
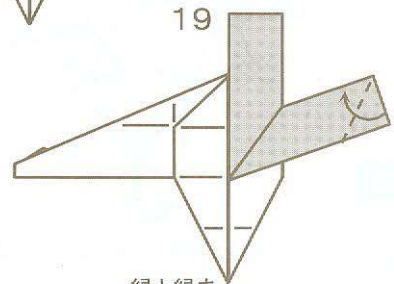
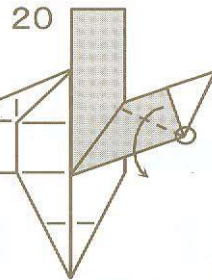
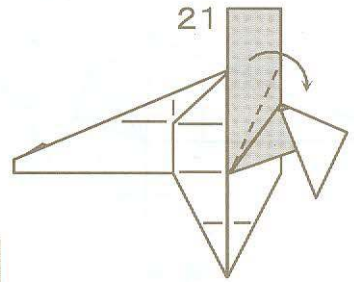
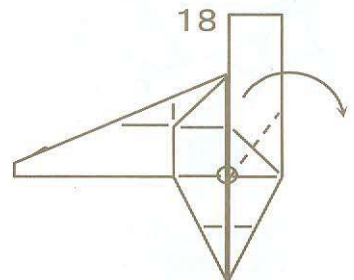
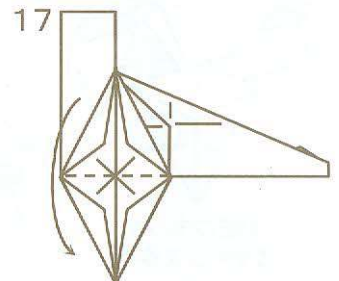
中割り折り。

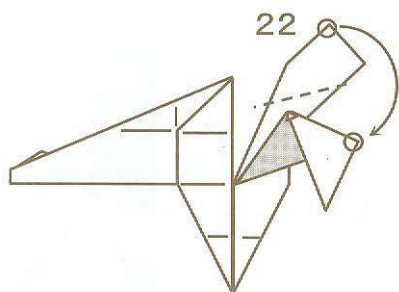


沈め折り。

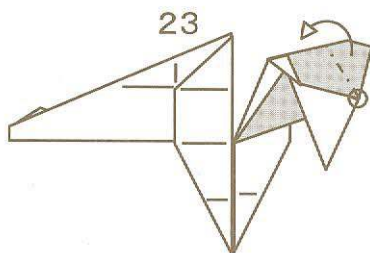
それぞれ一旦
折り下げる。三角形に立ち上げ
ながら元に戻す。

ひだを折り上げる。

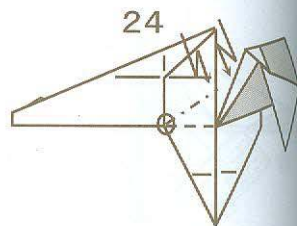
角を内側に折る
(4箇所)。縁と縁を
合わせて折る。手前の1枚を
斜めに倒す。元に戻す。
裏返して次図へ。



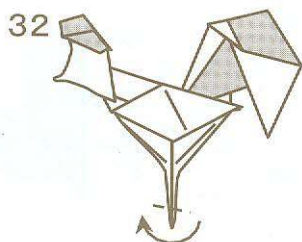
角と角を合わせて折る。



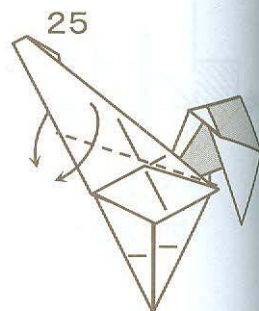
角を始点にしたラインで後ろ側に折る。



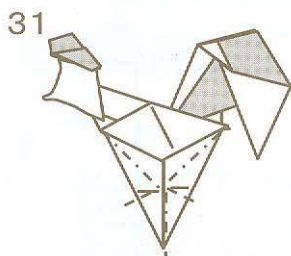
表側と裏側を同時に段折り。次図も参照。



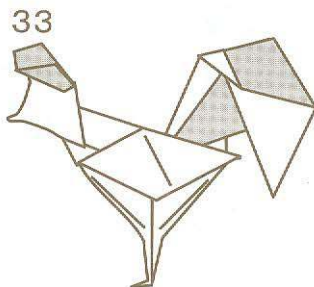
脚の先を前方に折る (反対側も同じ)。



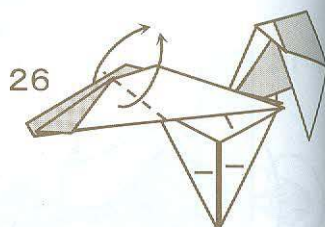
羽根の縁に沿ってかぶせ折り。



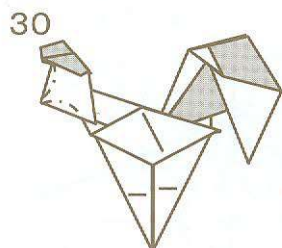
つまんで立体化。(反対側も同じ)



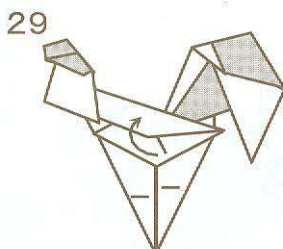
できあがり



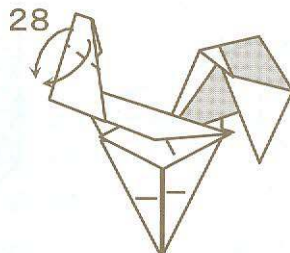
かぶせ折り。



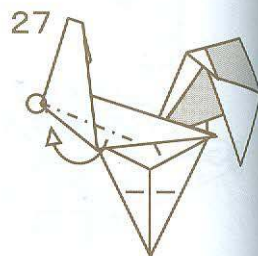
顔をつまんでクチバシを作る。



羽を上側に入れ替える。(反対側も同じ)



かぶせ折り。



角を内側に折る。(反対側も同じ)

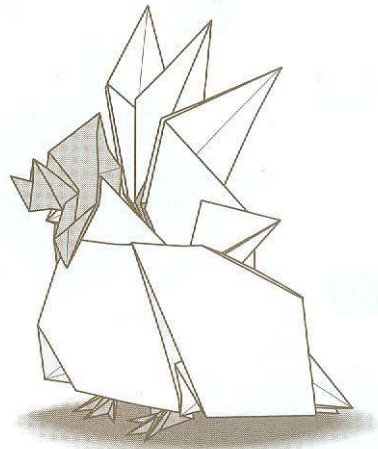
チャボ

"Bantam" ©HOJYO Takashi 2009

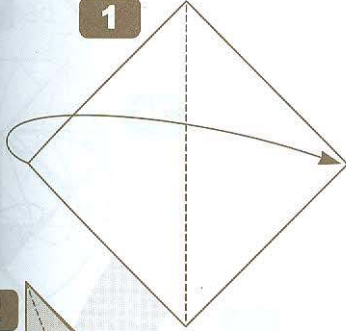
創作・図：北條高史

創作2009/8/2 作図2012/6/10

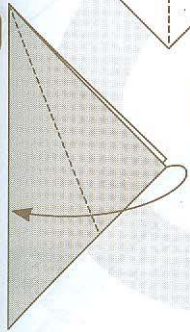
両面の色が異なる紙を使用する
1辺35cm以上の大きさを推奨



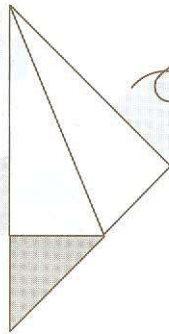
1



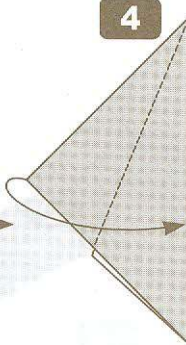
2



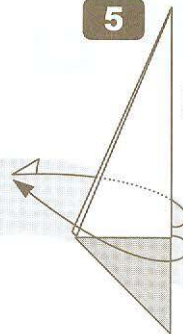
3



4

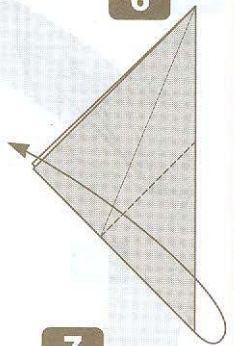


5

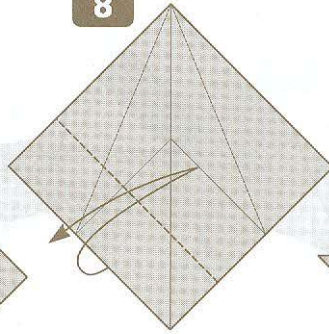


折った部分を
ひらいて戻す

6



8

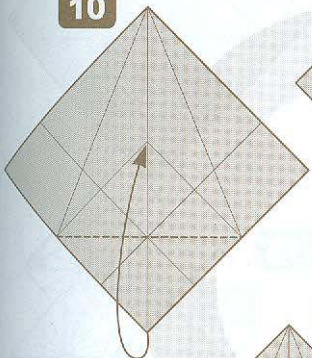


7

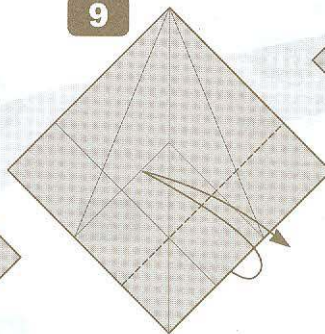


全体をひらく

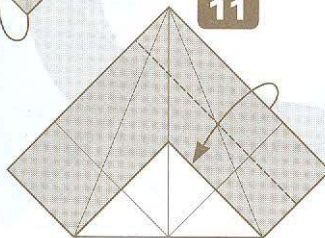
10



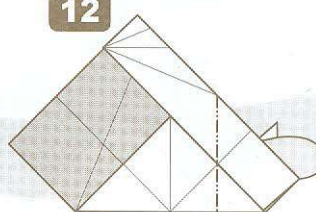
9



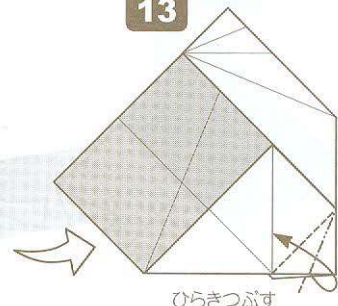
11



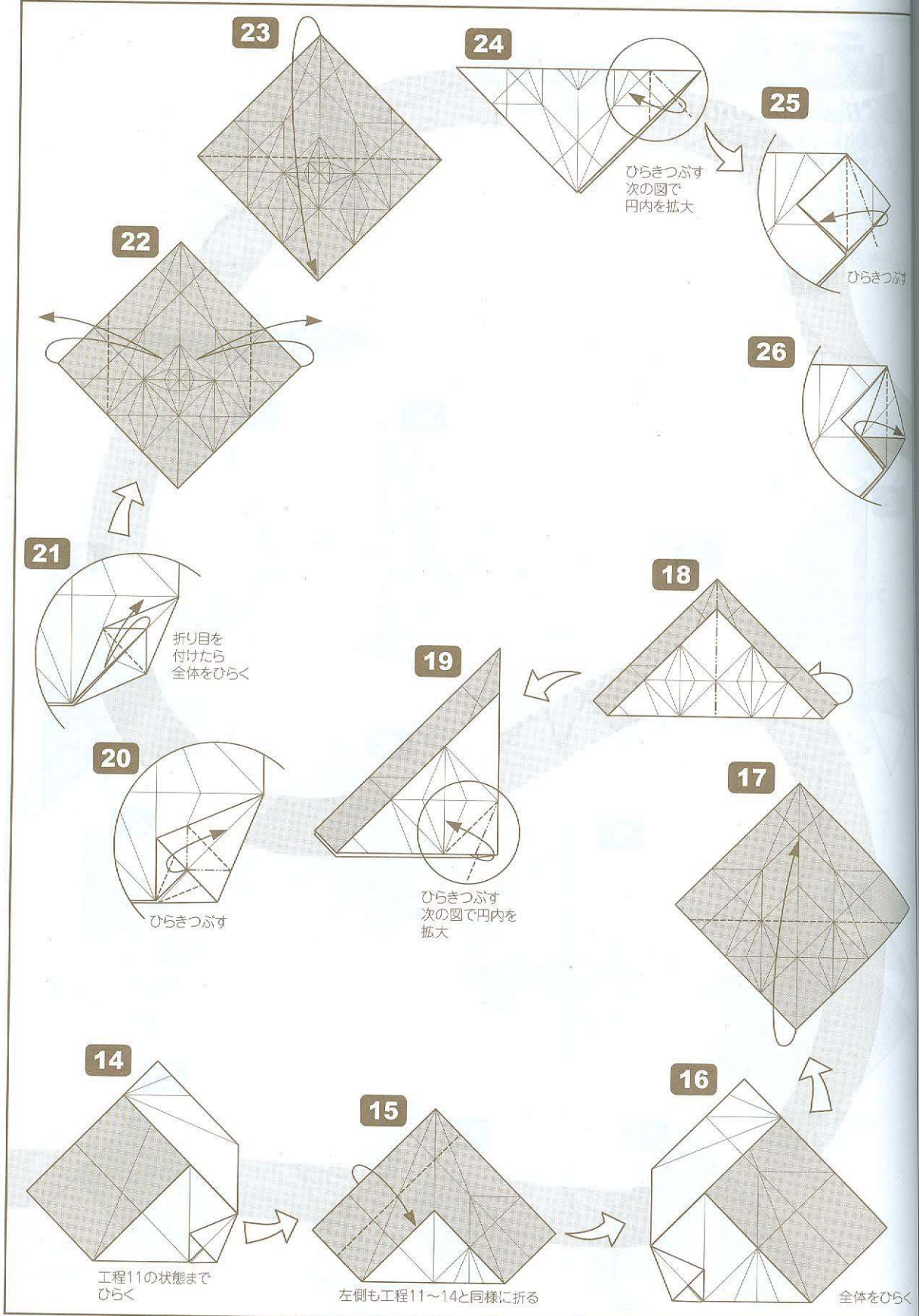
12

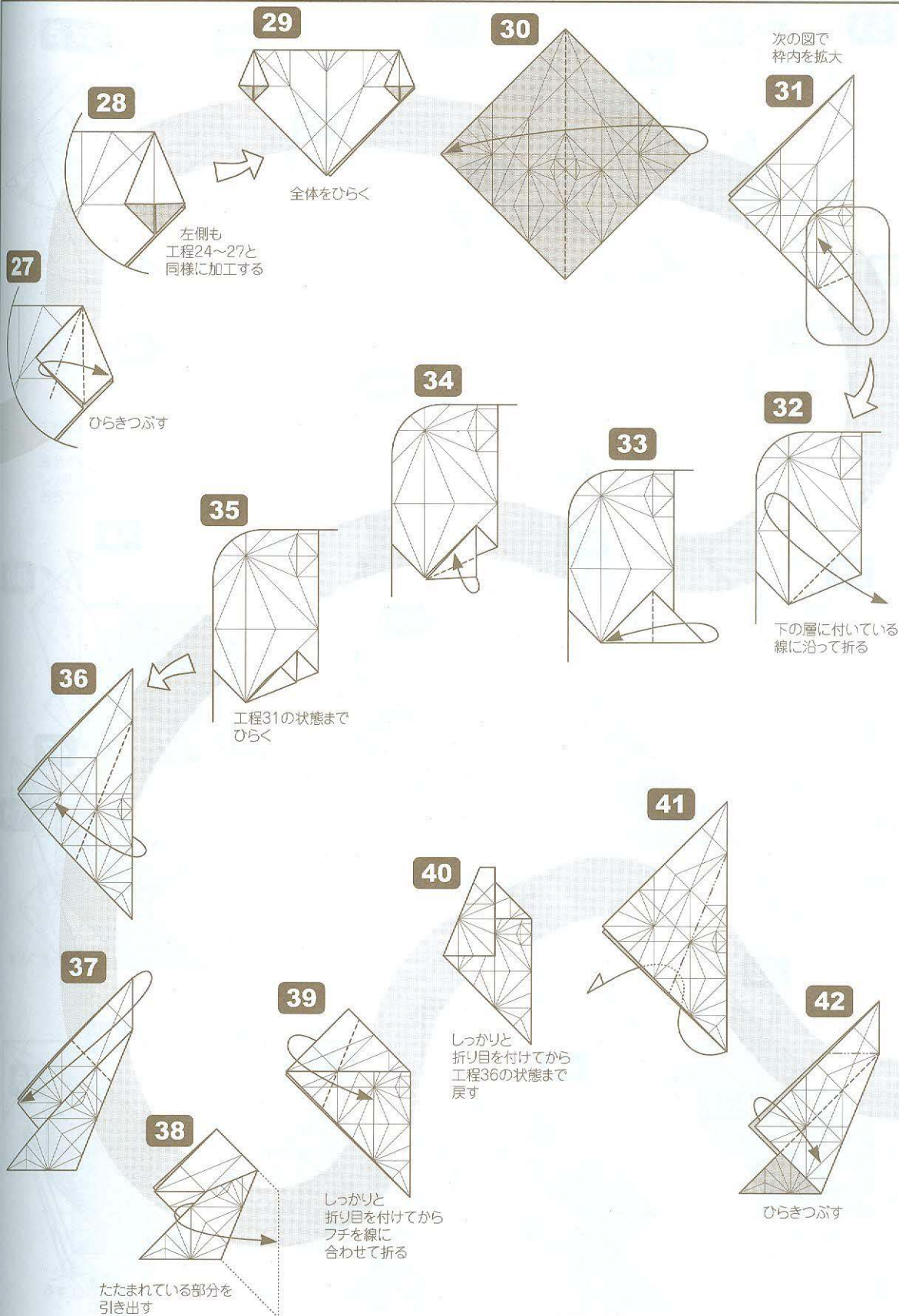


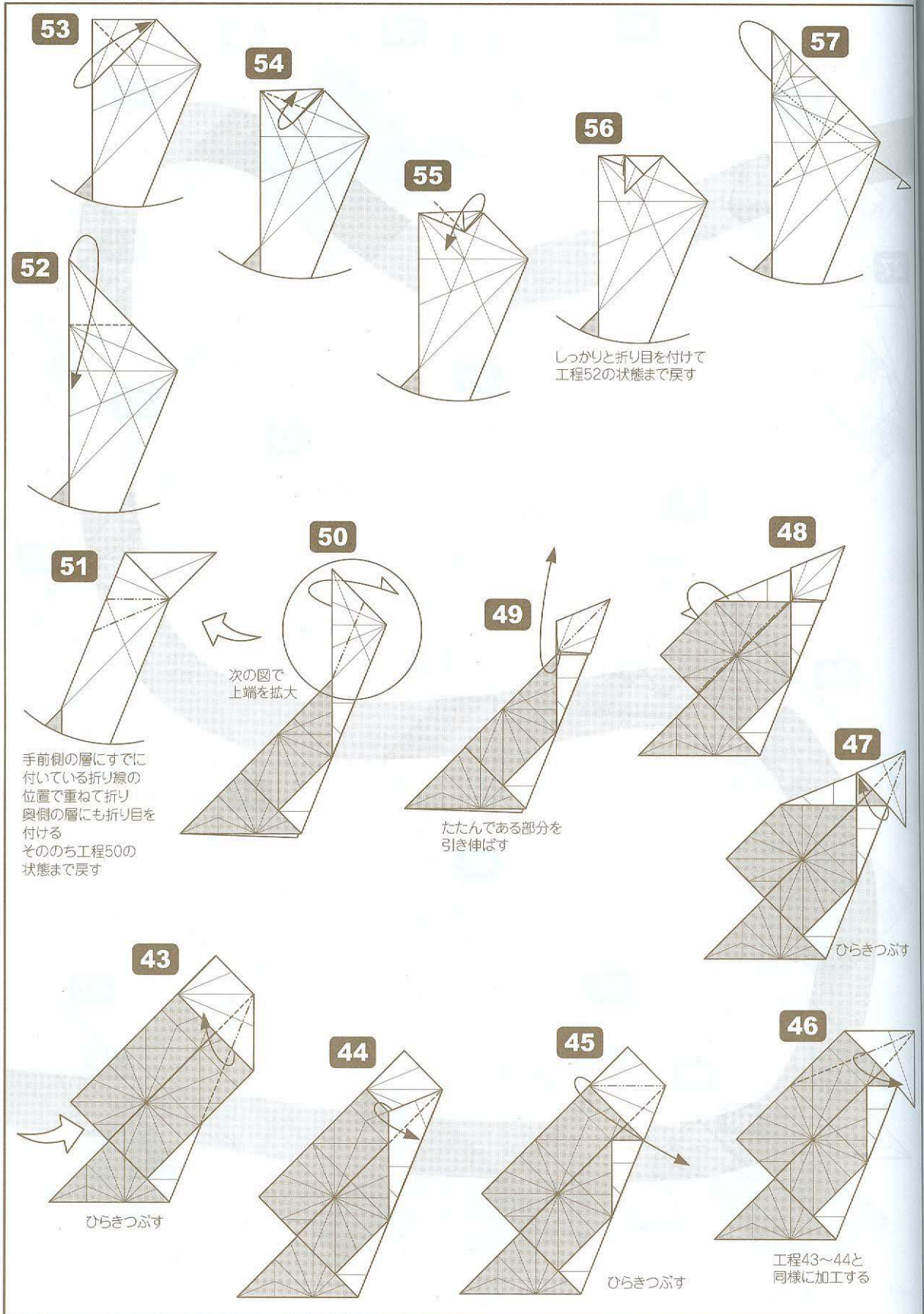
13

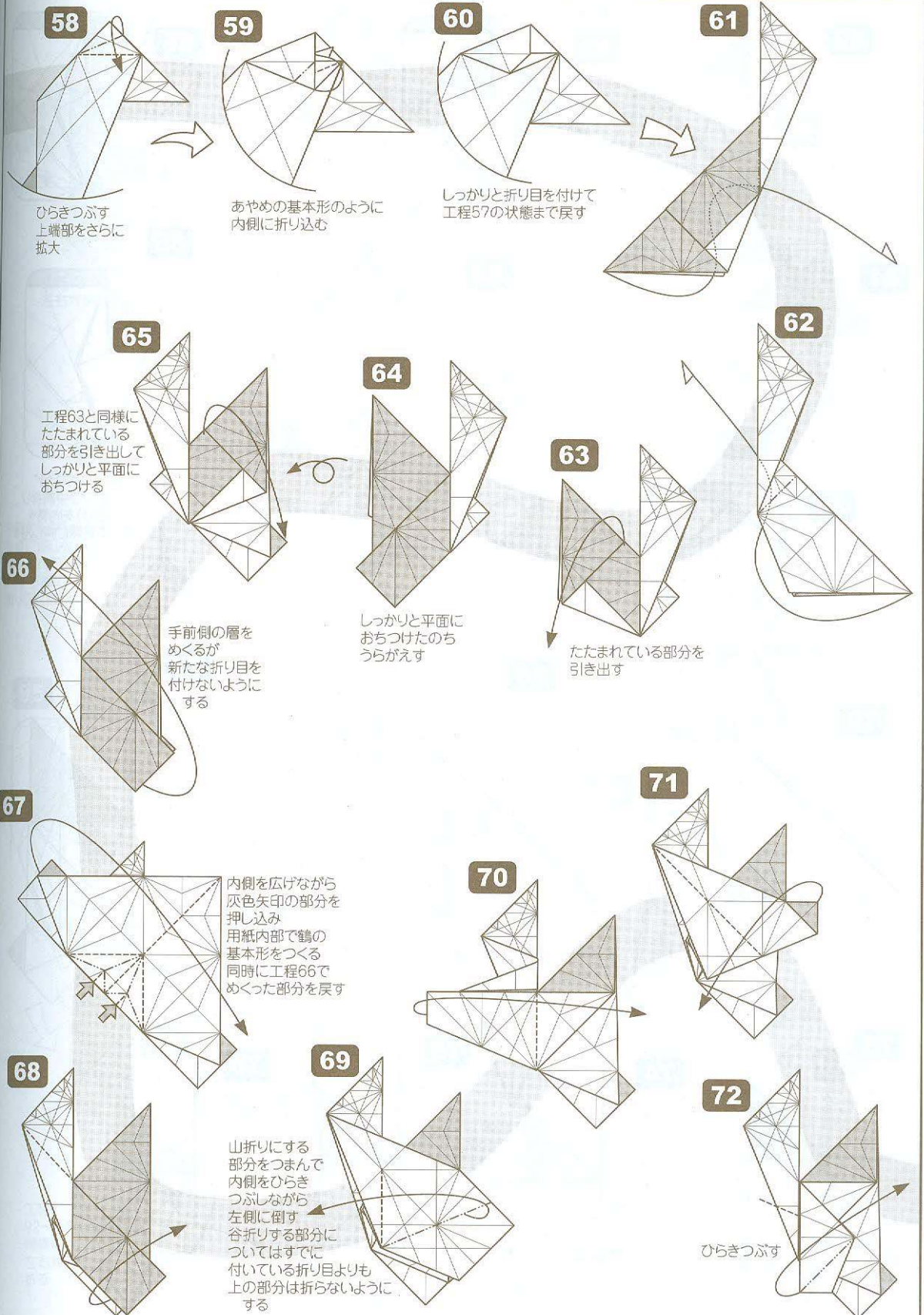


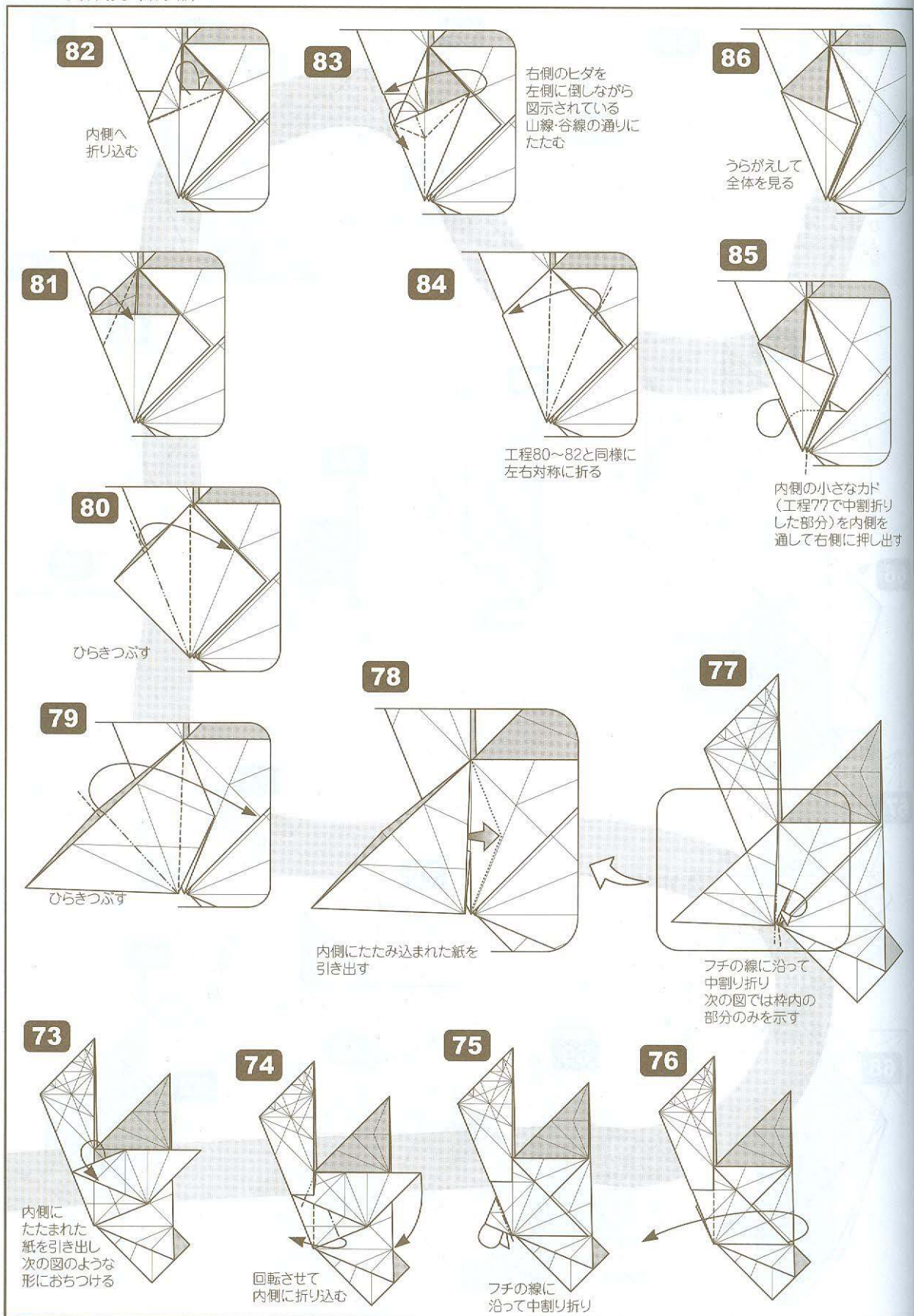
ひらきつづ



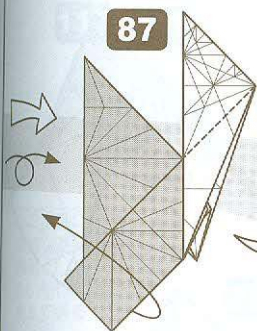






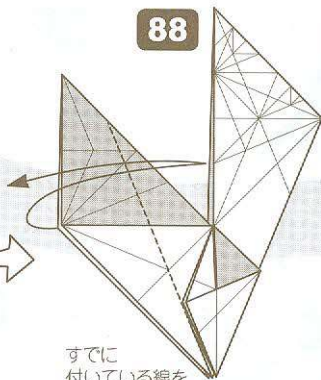


87



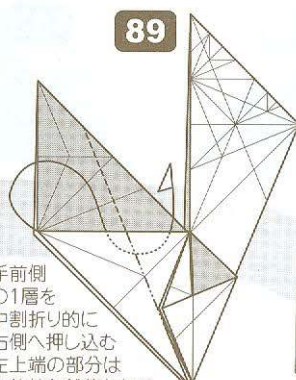
工程68~85と同様に
左右対称に加工する

88



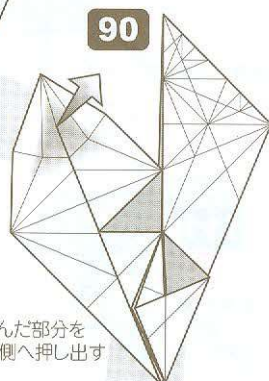
すでに
付いている線を
延長して折り目を付ける

89



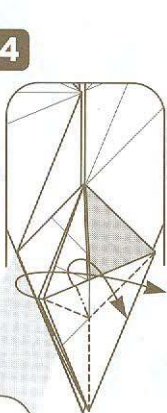
手前側
の1層を
中割折りの
に右側へ押し込む
左上端の部分は
立体的な状態となる

90

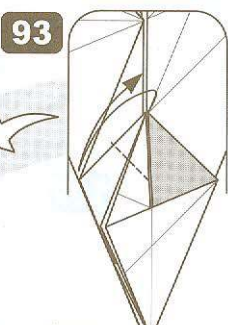


へこんだ部分を
手前側へ押し出す

94

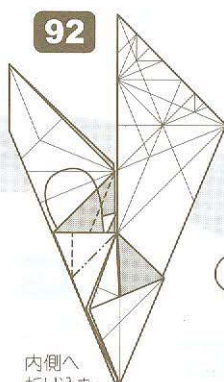


左側のヒダ1枚を
右側に倒しながら
図示されている
山線・谷線の
通りにたたむ



線の交点に
カドを合わせるようにして
折り目を付ける

92



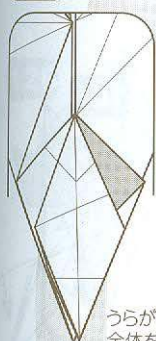
内側へ
折り込む
次の図で下端部を拡大

91



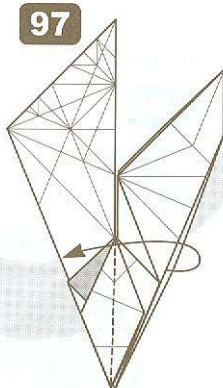
裏側へ
折りながら
工程89と同様に
中割折りのに押し込む

95



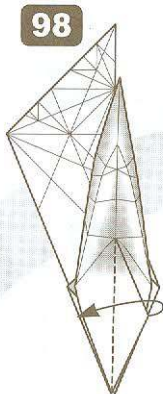
うらがえして
全体を見る

97



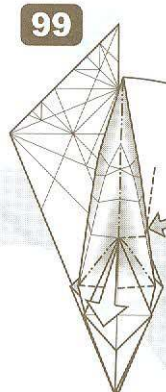
手前側の1層を
左側へひらく
次の図では
立体的な状態と
なる

98



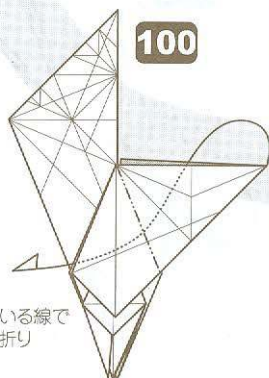
立体的になっている
部分の内部で
手前側の1層を
左側へめくる

99



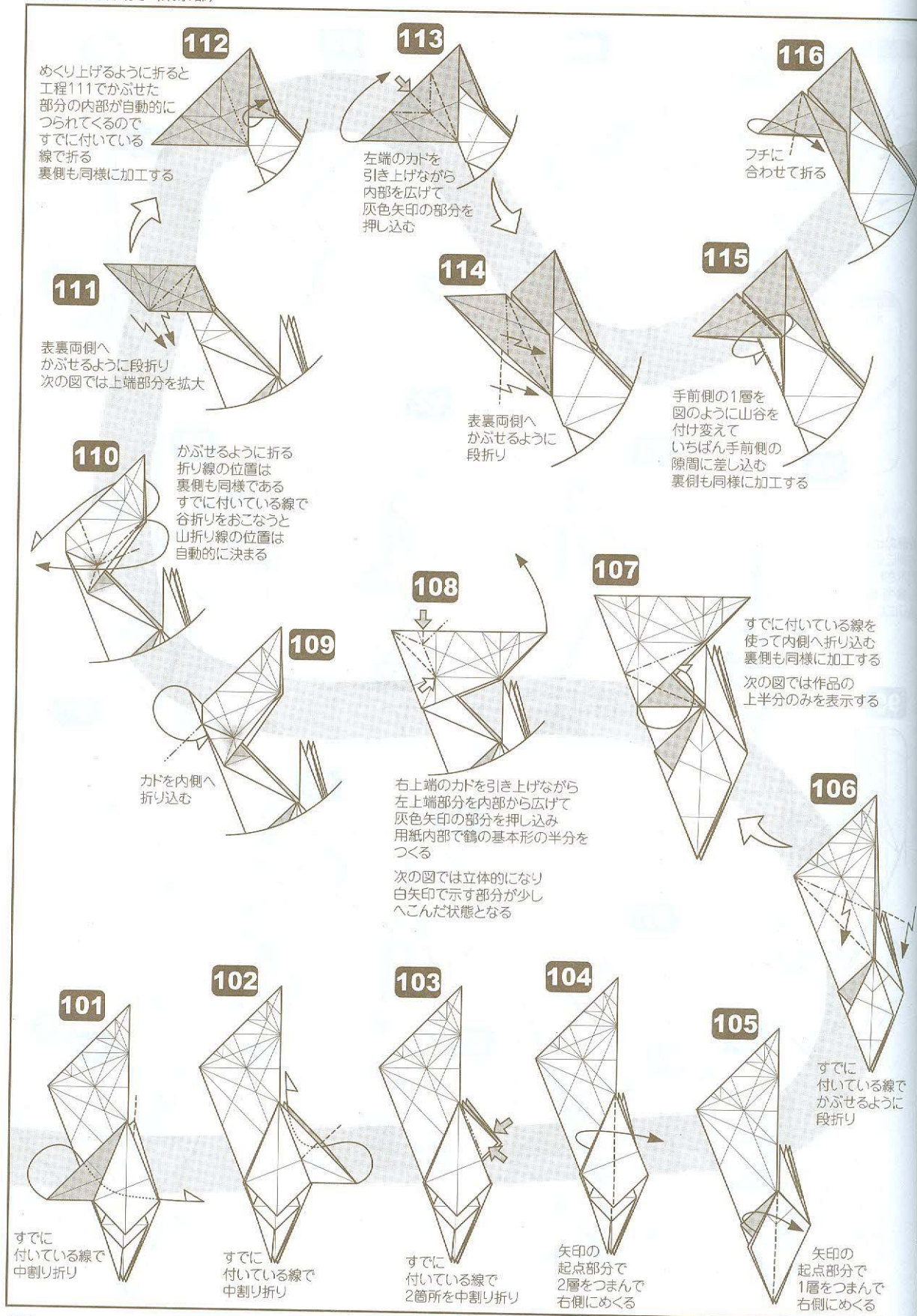
へこんだ部分を白矢印で示す
ように裏側から押し出してから
灰色矢印のように横から押し
つぶす
立体的に飛び出している
カドを右側に倒す

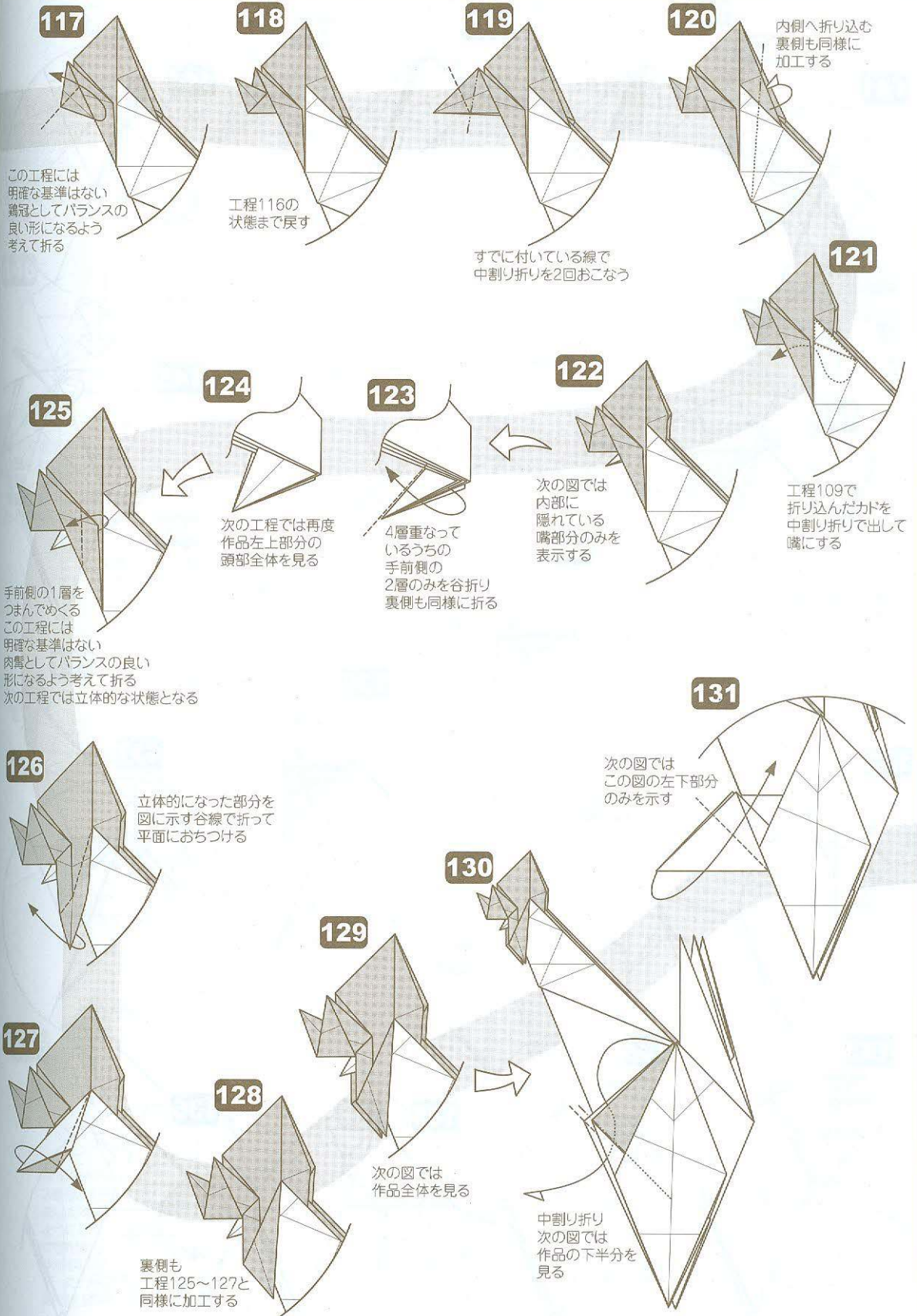
100

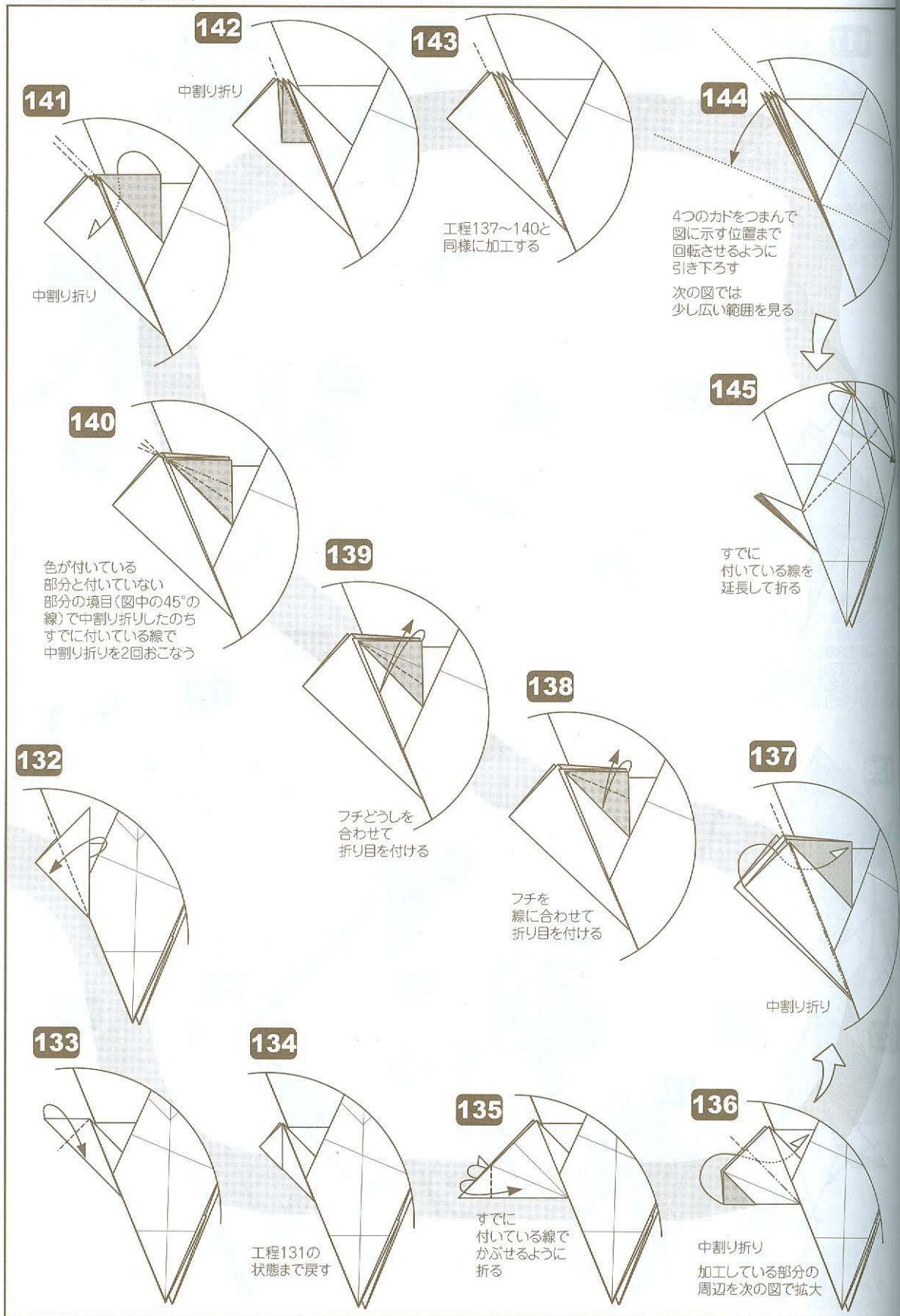


すでに
付いている線で
中割り折り

工程
92~94と
同様に
左右対称に
折る

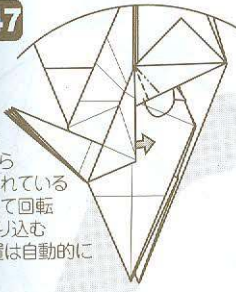






147

すでに
付いている線を
手前側にしながら
裏側に折り込まれている
部分を引き出して回転
させるように折り込む
谷折り線の位置は自動的に
決まる



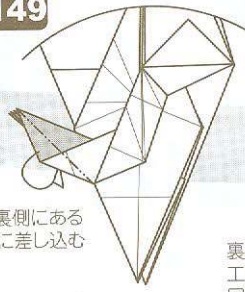
148

手前側の1層を
引き出す



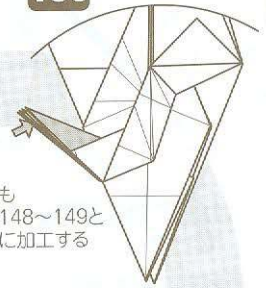
149

すぐ裏側にある
隙間に差し込む



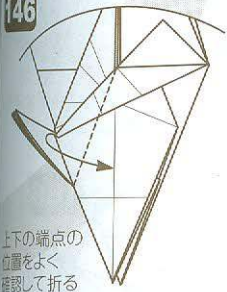
150

裏側も
工程148~149と
同様に加工する



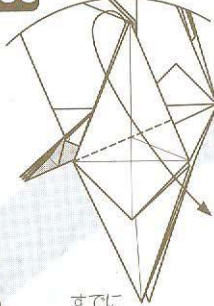
146

上下の端点の
位置をよく
確認して折る
垂直な折り目の線には
合っていてよい



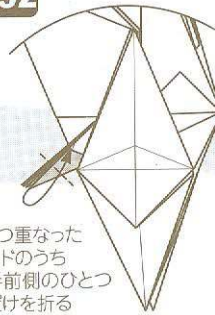
153

すでに
付いている線の
位置でふたつのカドを
折り下げる



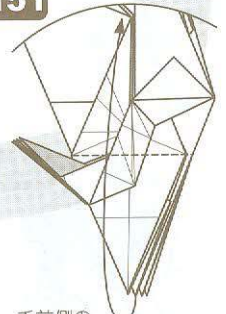
152

4つ重なった
カドのうち
手前側のひとつ
だけを折る

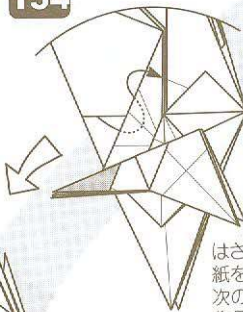


151

手前側の
ふたつのカドを
つまんで折り上げる

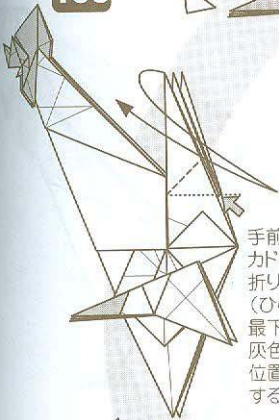


154



155

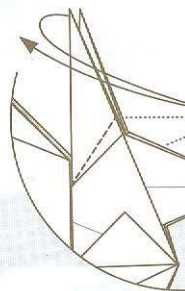
はさみ込まれている
紙を手前側に引き出す
次の工程では
作品全体を見る



手前側のひとつの
カドに45°の
折り目を付ける
(ひらくことができる
最下限の位置で
灰色矢印で示すカドの
位置にフチが当たるように
する)

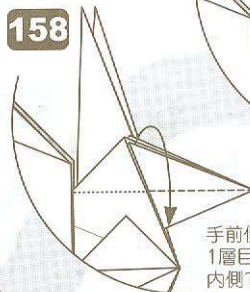
159

手前側の
ひとつのカドに
折り目を付ける
折ったときの
上部のフチが
図に示すもう
一本の線と
平行になるように
する



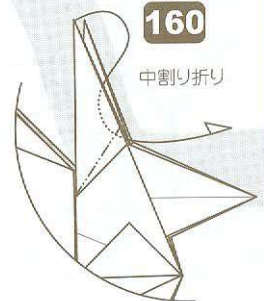
158

手前側の
1層目を
内側で谷折り



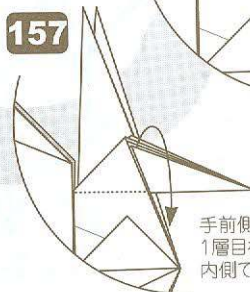
160

中割り折り



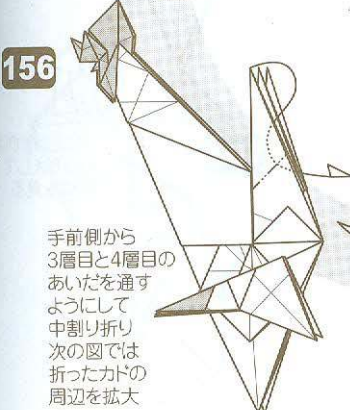
157

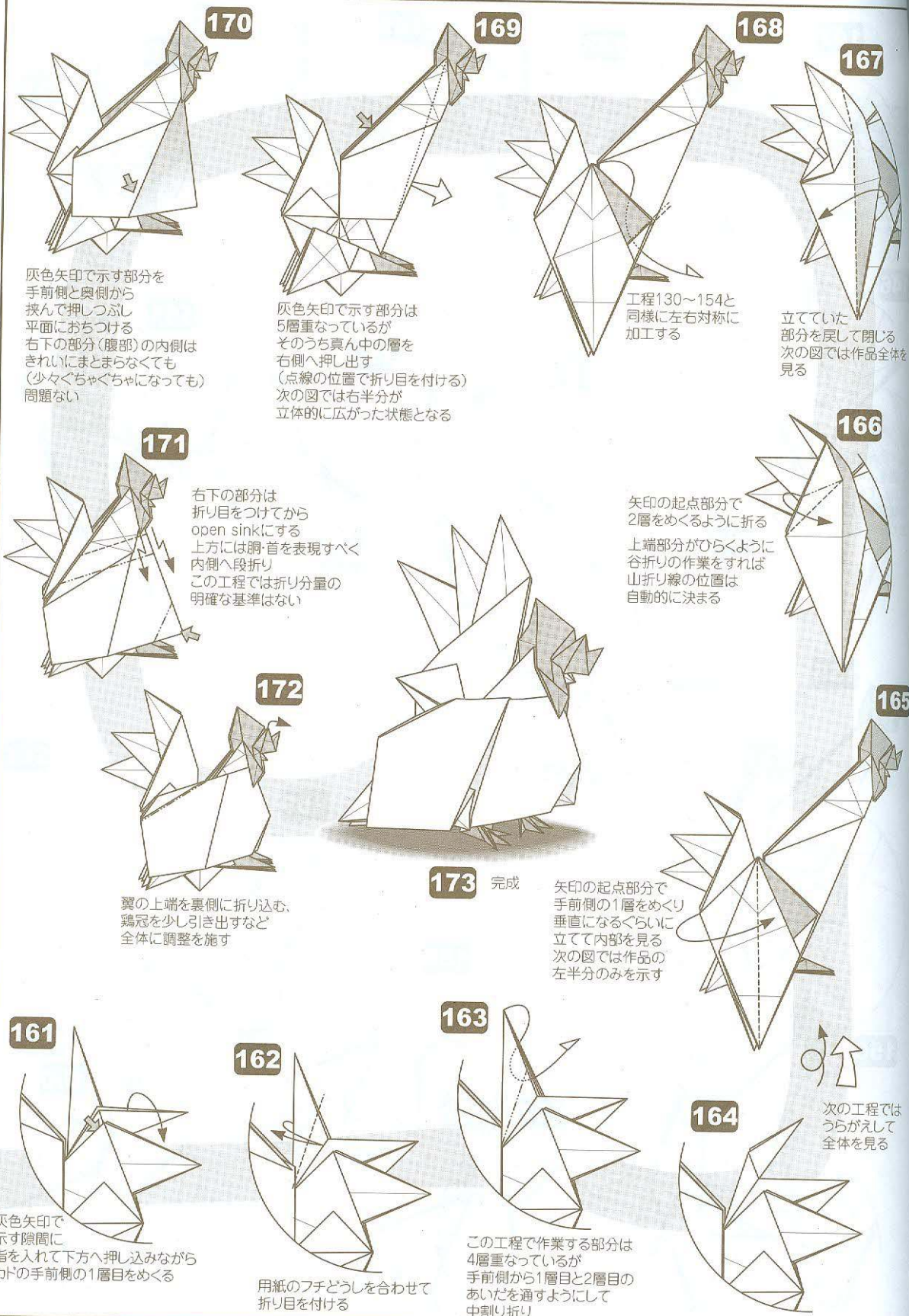
手前側の
1層目を
内側で谷折り

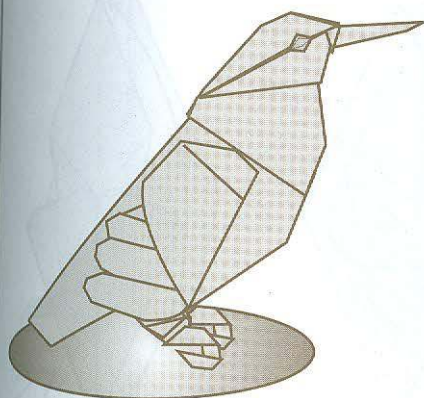


156

手前側から
3層目と4層目の
あいだを通す
ようにして
中割り折り
次の図では
折ったカドの
周辺を拡大







カワセミ

King Fisher

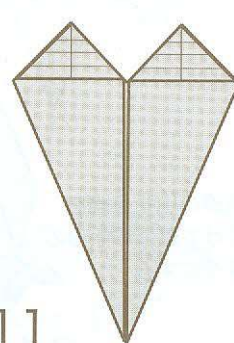
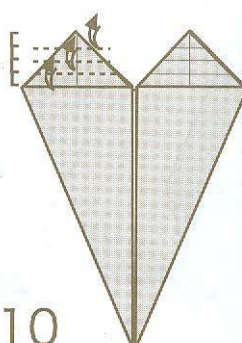
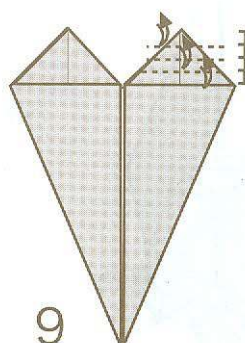
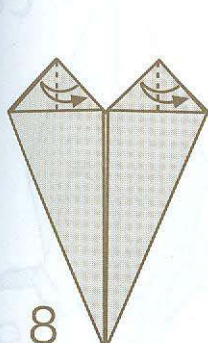
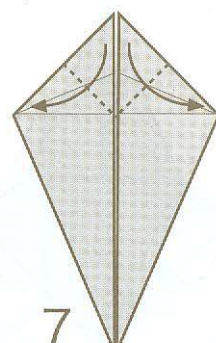
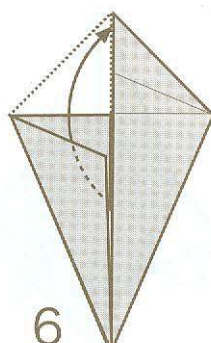
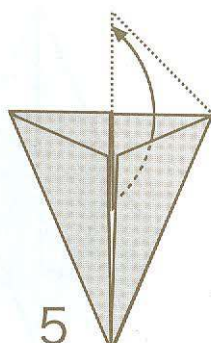
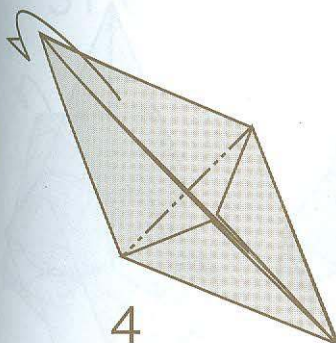
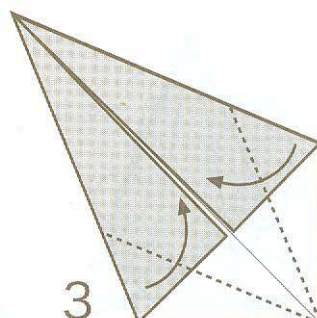
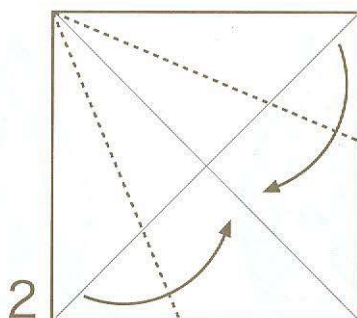
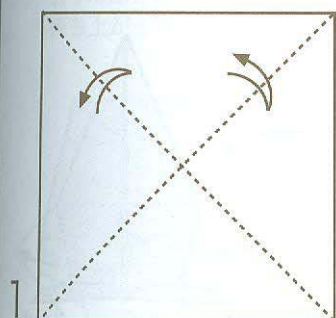
創作者: 津田良夫

創作: 2011年8月27日

作図: 2012年4月15日

Created by Yoshio Tsuda
on 27 August 2011

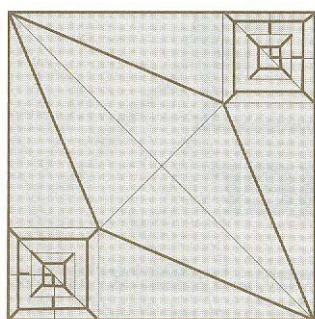
Diagramed: 15 April 2012



4等分する

4等分する

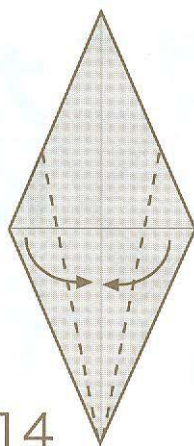
全体を開く



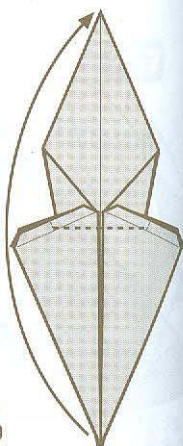
12 太い線を山折り、
細い線を谷折りする



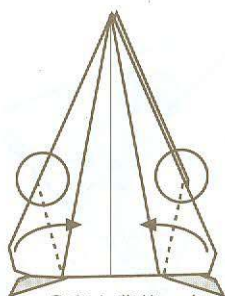
13



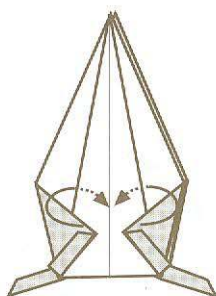
14



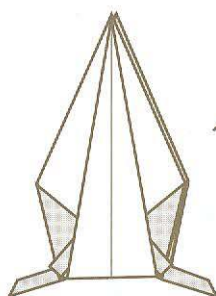
15



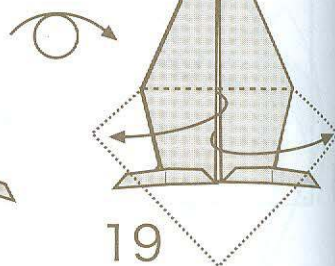
16 ○印を背後の角
に合わせる



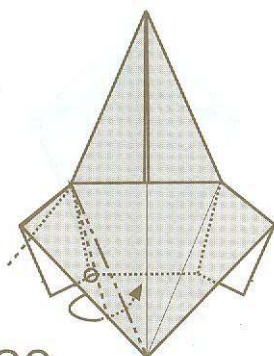
17 角を隙間に
差し込む



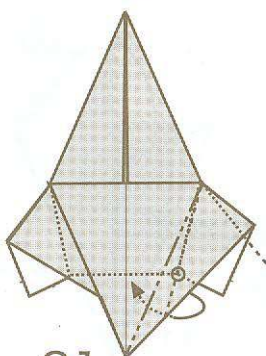
18



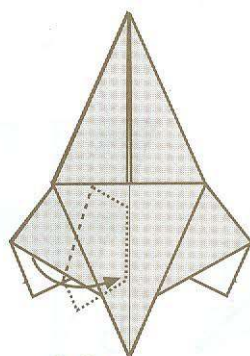
19



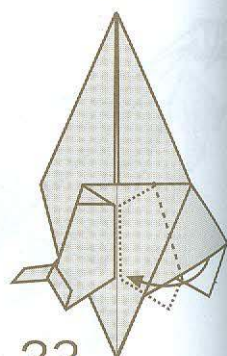
20 用紙のヘリが内側の
○印を通るように段
折りする



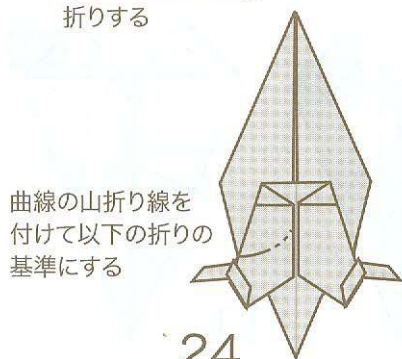
21



22

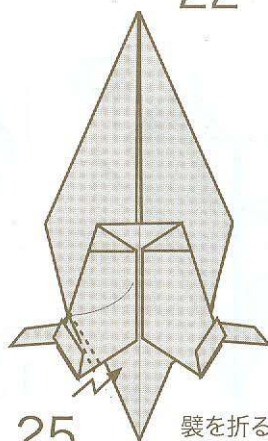


23



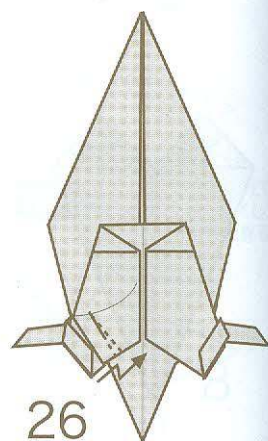
曲線の山折り線を
付けて以下の折りの
基準にする

24

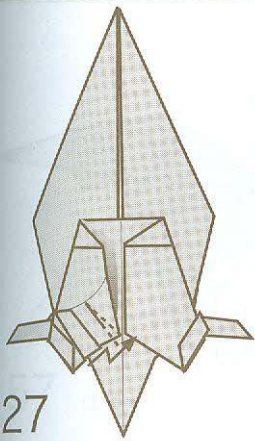


25

襷を折る

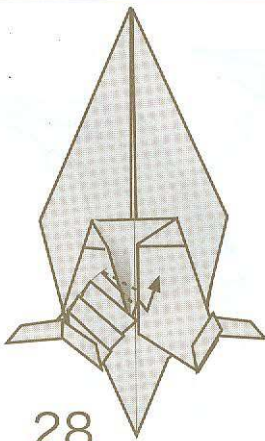


26

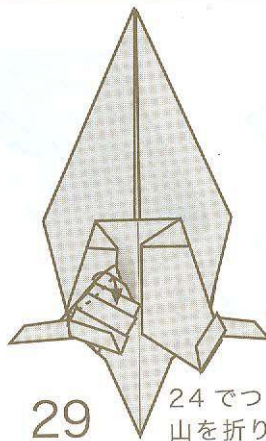


27

折った部分が上に
持ち上がってくる

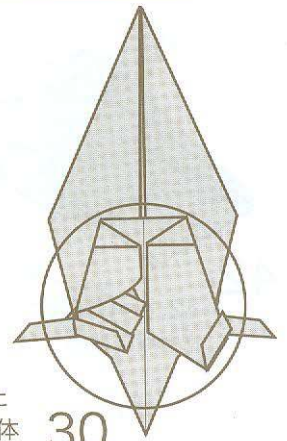


28

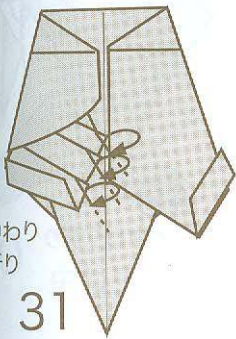


29

24 でつけた
山を折り全体
をつぶすように
折りたたむ

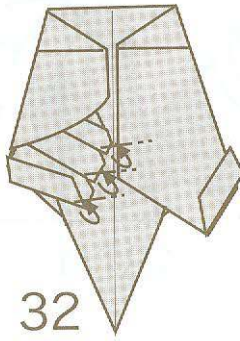


30

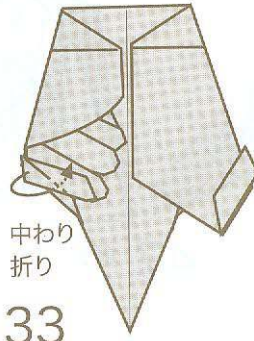


中わり
折り

31

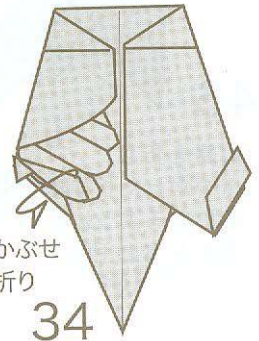


32



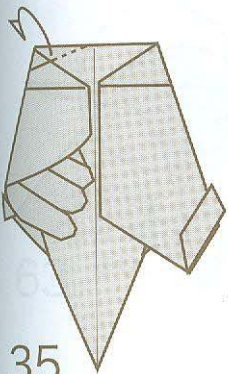
中わり
折り

33



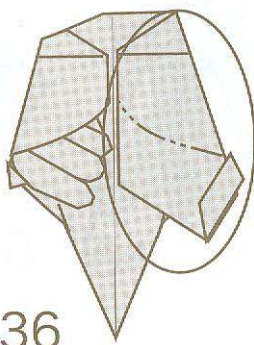
かぶせ
折り

34

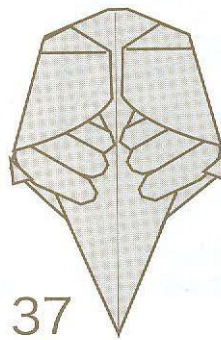


35

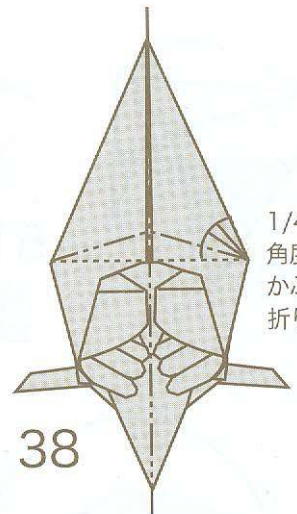
24~35 と同様



36

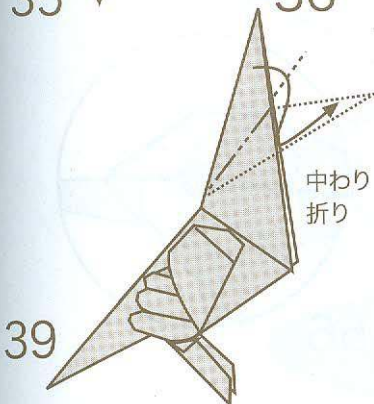


37



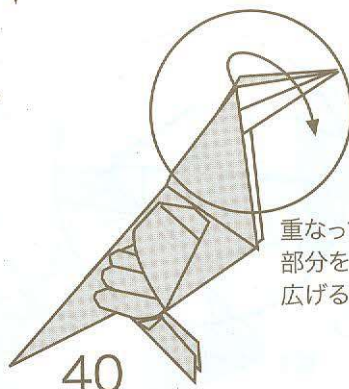
1/4 の
角度で
かぶせ
折り

38



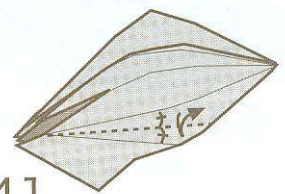
中わり
折り

39

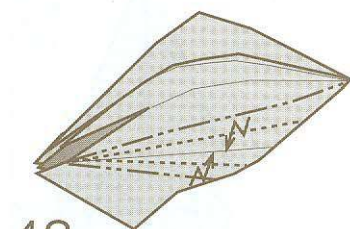


重なっている
部分を手前に
広げる。

40

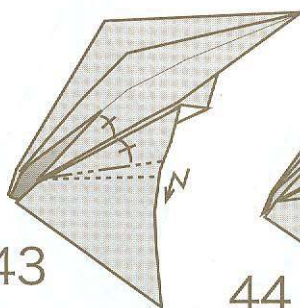


41

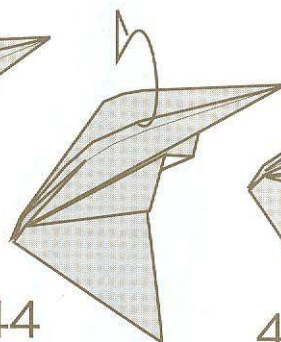


42

42 でつけた線にあわせて段折り

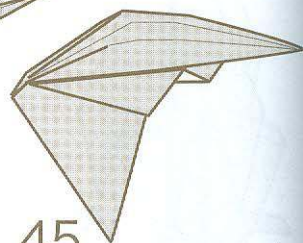


43



44

反対側も 42~44 と同様に折る

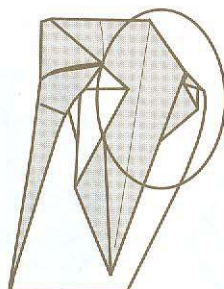


45

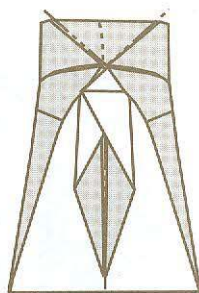


46

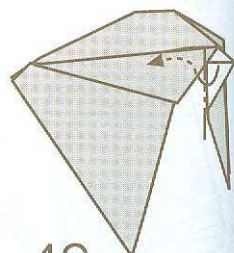
山線を折り、ぶつかった折り線が谷になるようにして、黒丸を合わせる



47 同様に折る

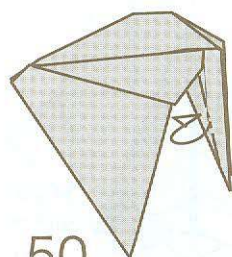


48

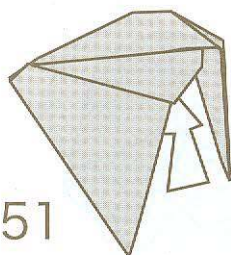


49

中わり折り

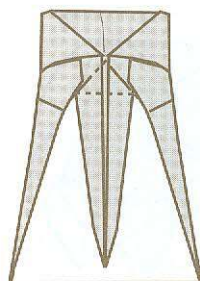


50

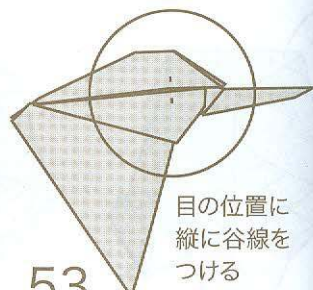


51

内側を広げて立体にする

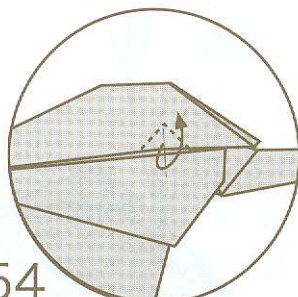


52



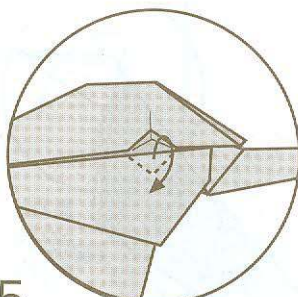
53

目の位置に縦に谷線をつける



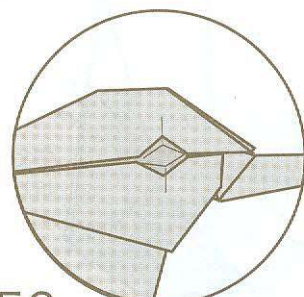
54

襷を上を開く

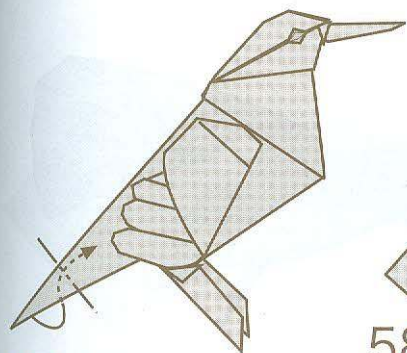


55

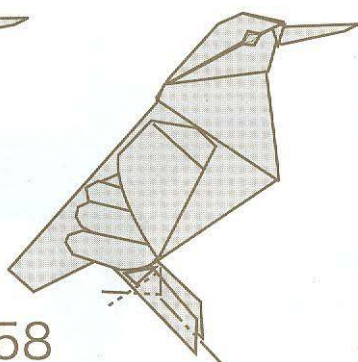
襷を下を開く



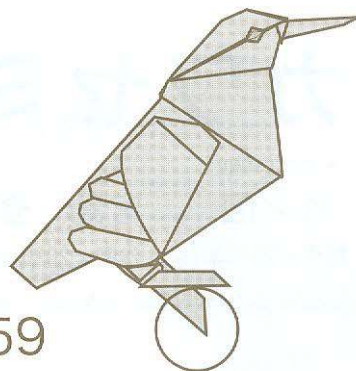
56



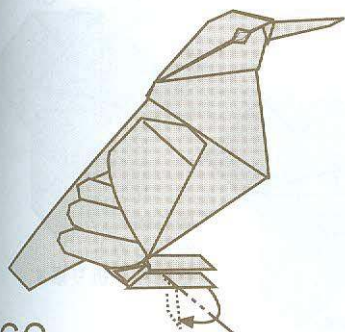
57 中わり折り



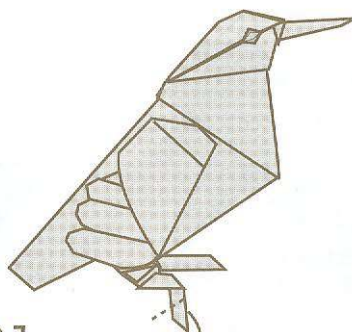
58 つまみ折り
で脚を細くする



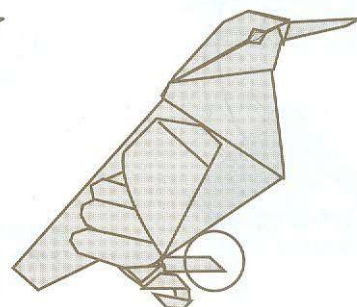
59 もう一方も同様



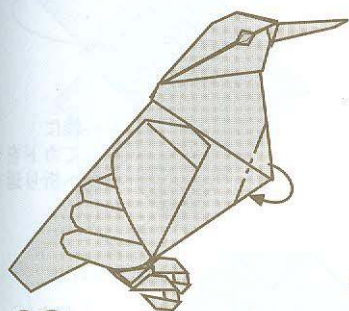
60 中わり折り



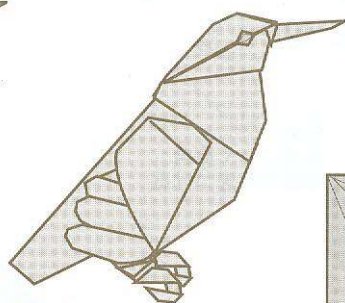
61 かぶせ折り



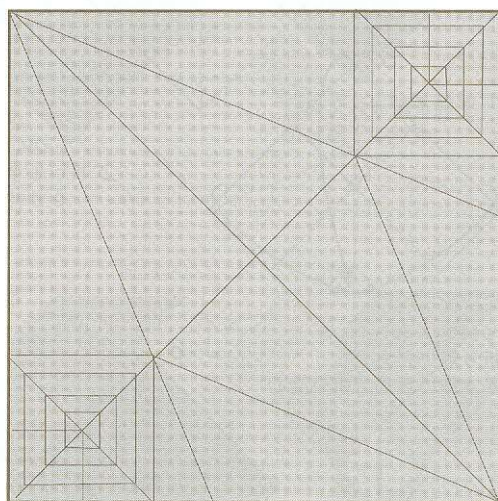
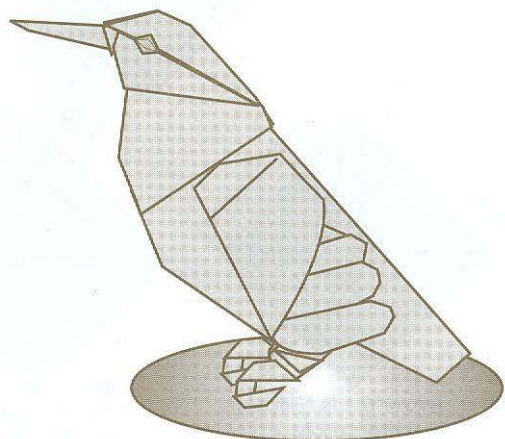
62 もう一方も同様



63



64



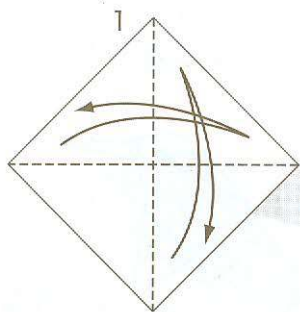
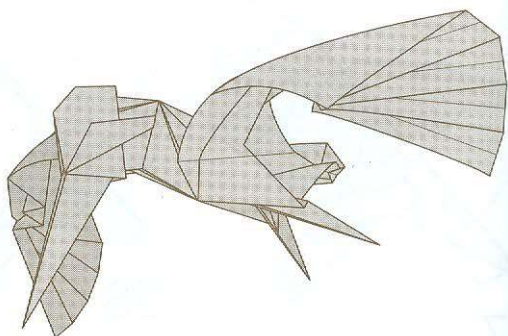
カワセミ

Kingfisher

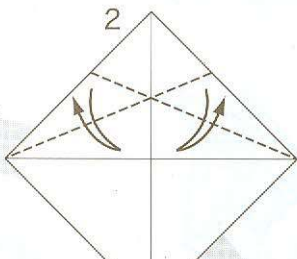
作／図 宮島 登

創作／2010年1月 作図／2010年6月

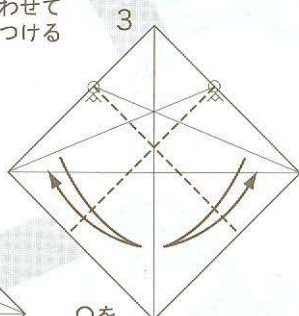
Models & Diagrams By Noboru MIYAJIMA



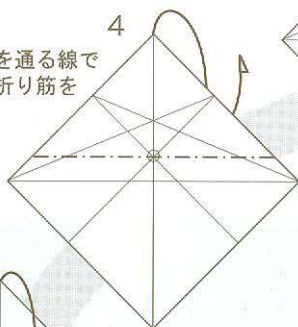
対角線で折り筋をつける



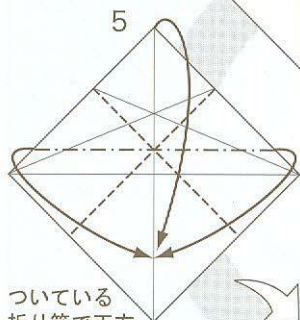
対角線にフチを合わせて折り筋をつける



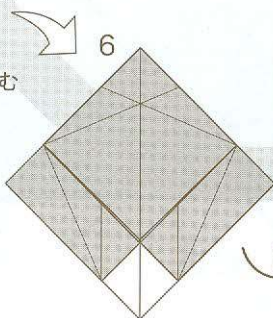
○を起点にして直角の折り筋をつける



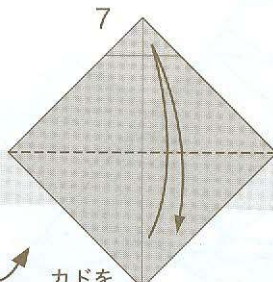
○の交点を通る線で山折りの折り筋をつける



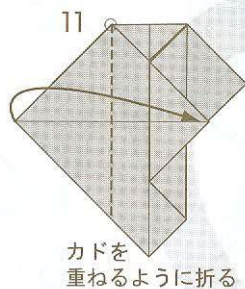
ついている折り筋で正方形基本形の要領で折り畳む



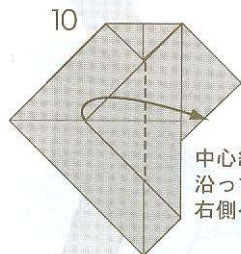
カドを合わせて1枚だけ折り筋をつける



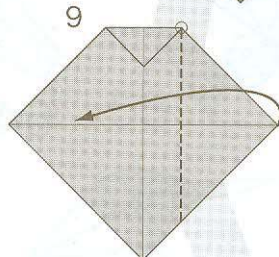
裏に
ついている折り筋で
カドを折り返す



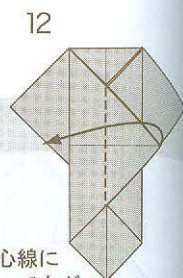
カドを
重ねるように折る



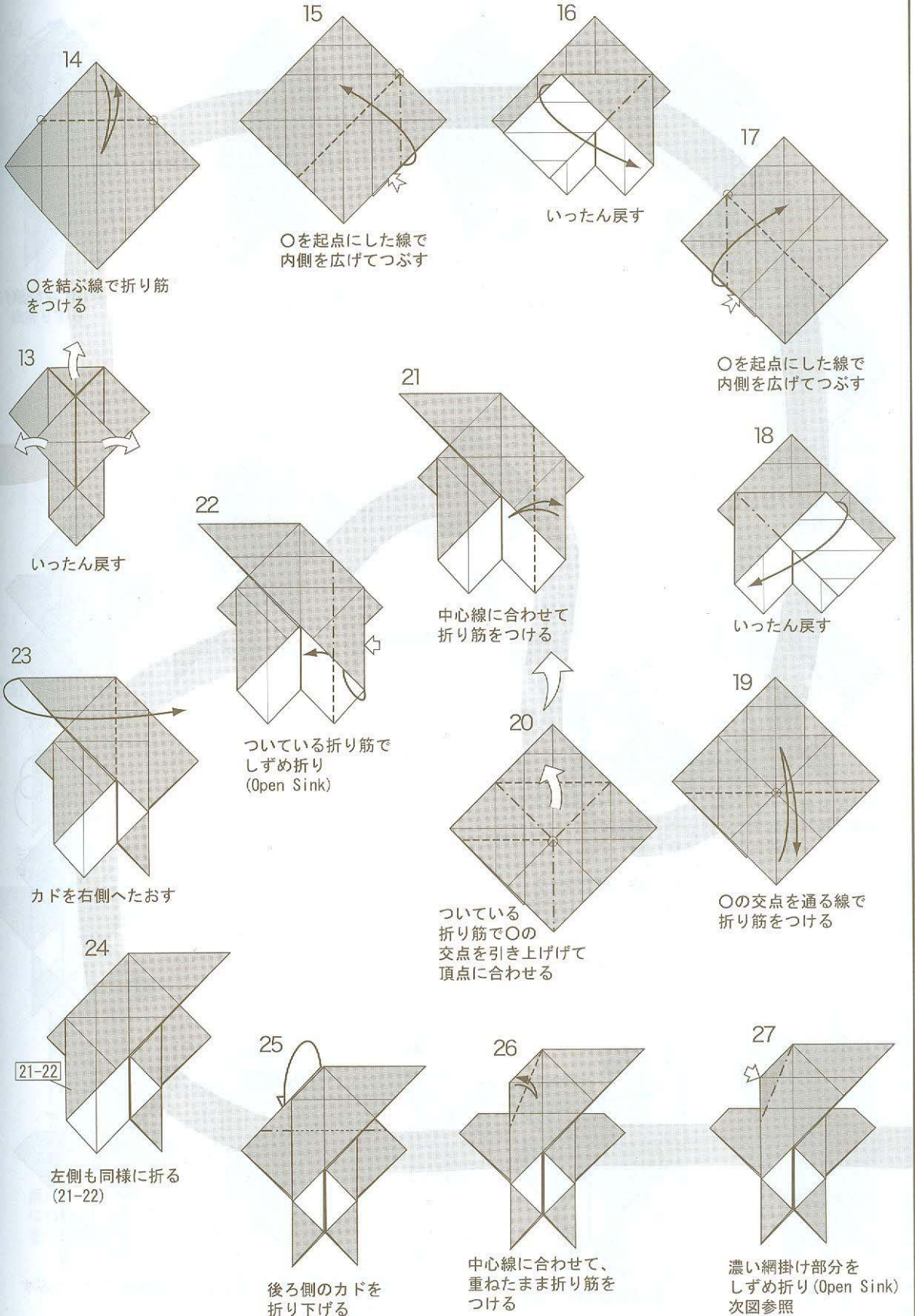
中心線に
沿ってカドを
右側へ折り返す

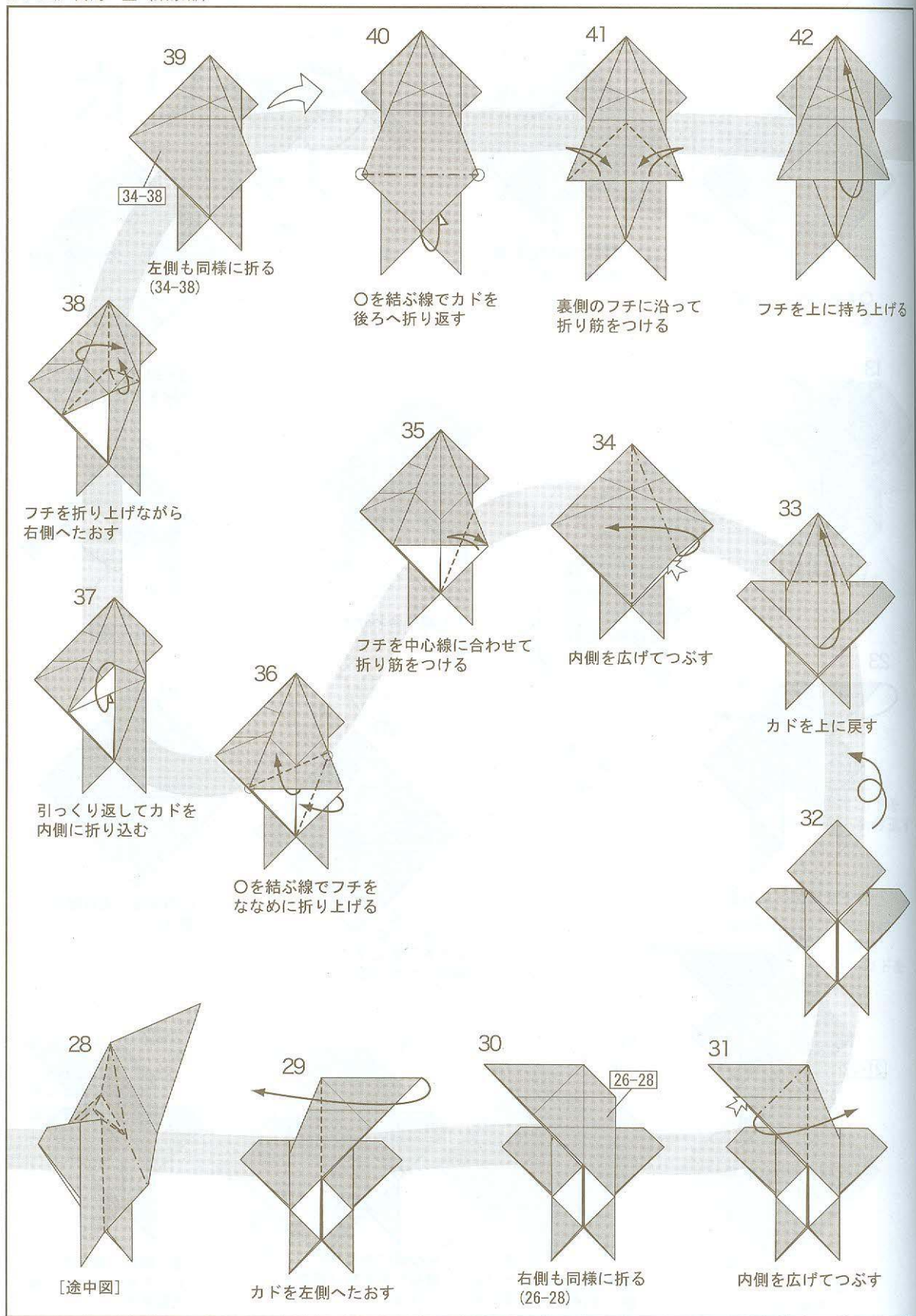


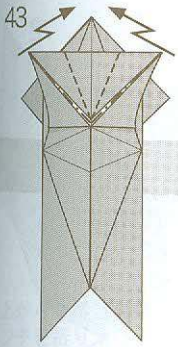
○を起点に
した線で
左側へカドを
折る



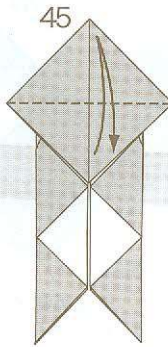
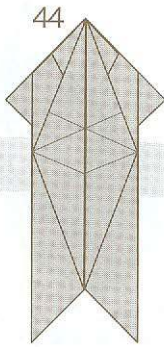
中心線に
沿ってカド
を左側へ折り返す



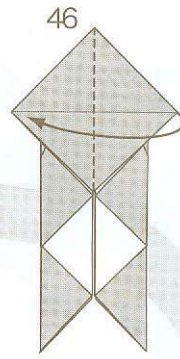




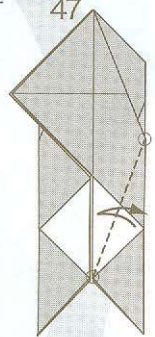
真ん中に寄せるように
段折りする



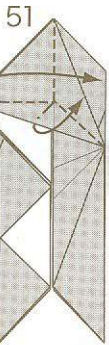
カドを合わせて
折り筋をつける



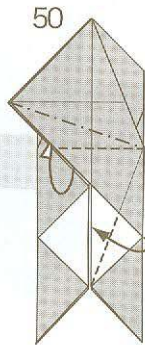
カドを左側へたおす



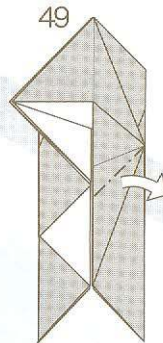
○を結ぶ線で
折り筋をつける



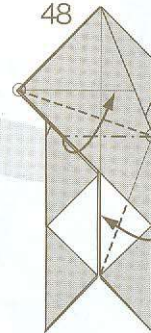
フチを折り
上げながら
右側へたおす



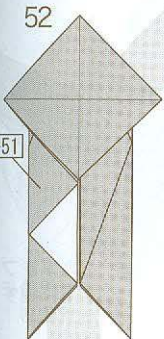
48と同じ折り筋で
内側に折り込む



いったん戻す

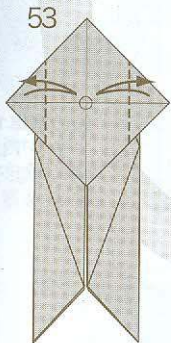


○を結ぶ線フチを折り
上げながら、引き寄せ
るように折る



47-51

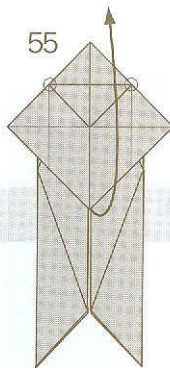
左側も同様に折る
(47-51)



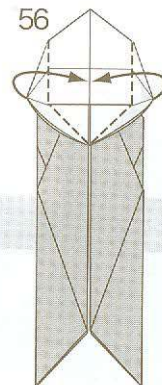
両端のカドを交点
に合わせて折り筋
をつける



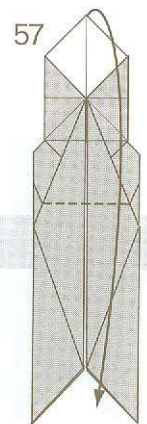
カドを交点に合わせる



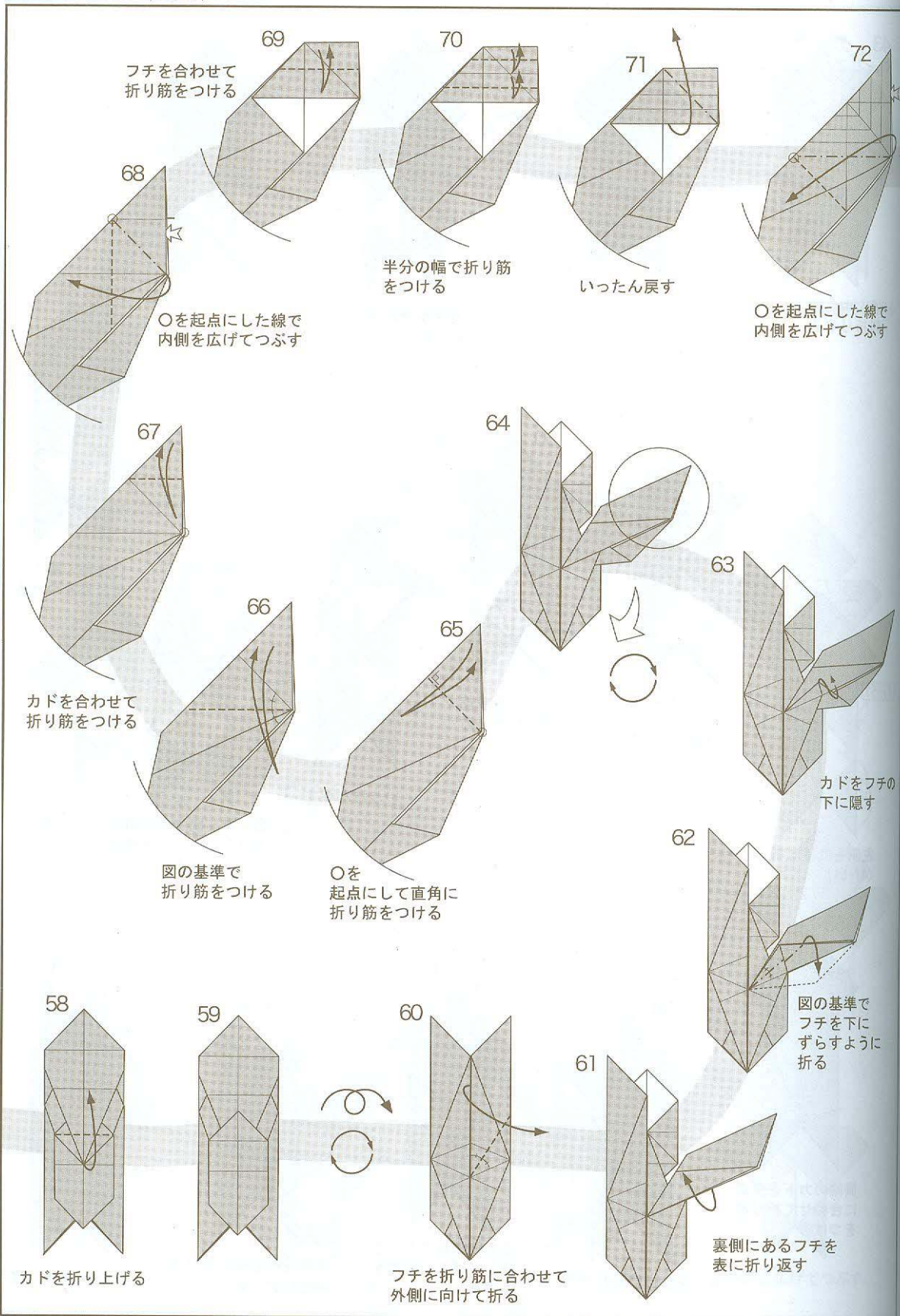
○を結ぶ線でカドを
持ち上げて、内側を
広げる



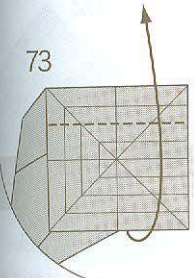
両端を中心線に寄せる
ように折り畳む



カドを折り下げる

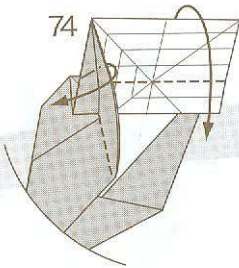


73



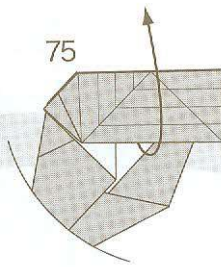
上から2番目の線で
フチを折り上げる
(立体的になる)

74



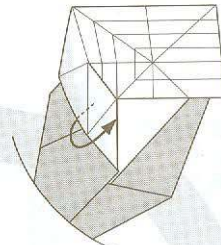
左側のフチを外側へたおし
ながら、下から2番目の線
でフチを折り下げる

75



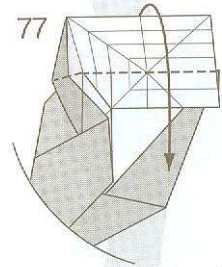
いったん開く

76



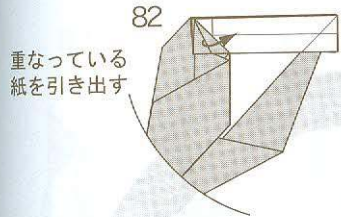
裏側にあるフチを
表に折り返す

77



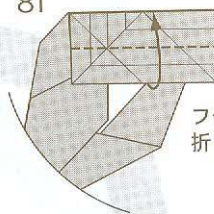
元の折り筋で折り下げる

82



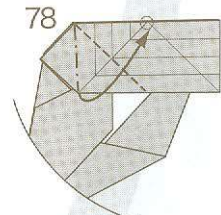
重なっている
紙を引き出す

81



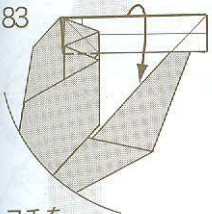
フチを合わせて
折り上げる

78



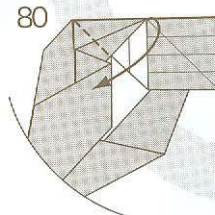
カドを○に合わせて
内側を広げてつぶす

83



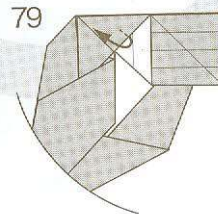
フチを
1枚だけ折り下げる

80



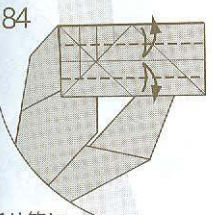
カドを折り下げる

79



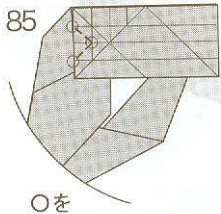
内側にあるフチを
表に折り返す

84



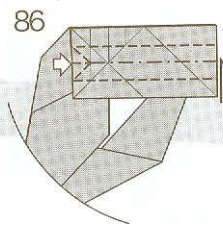
折り筋に
フチを合わせて
折り筋をつける

85



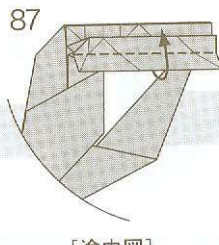
○を
結ぶ線で折り筋
をつける

86



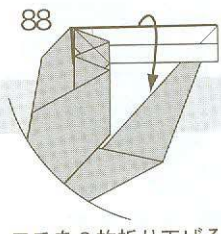
白矢印部分を押し込むように
しながら、全体を段折り

87

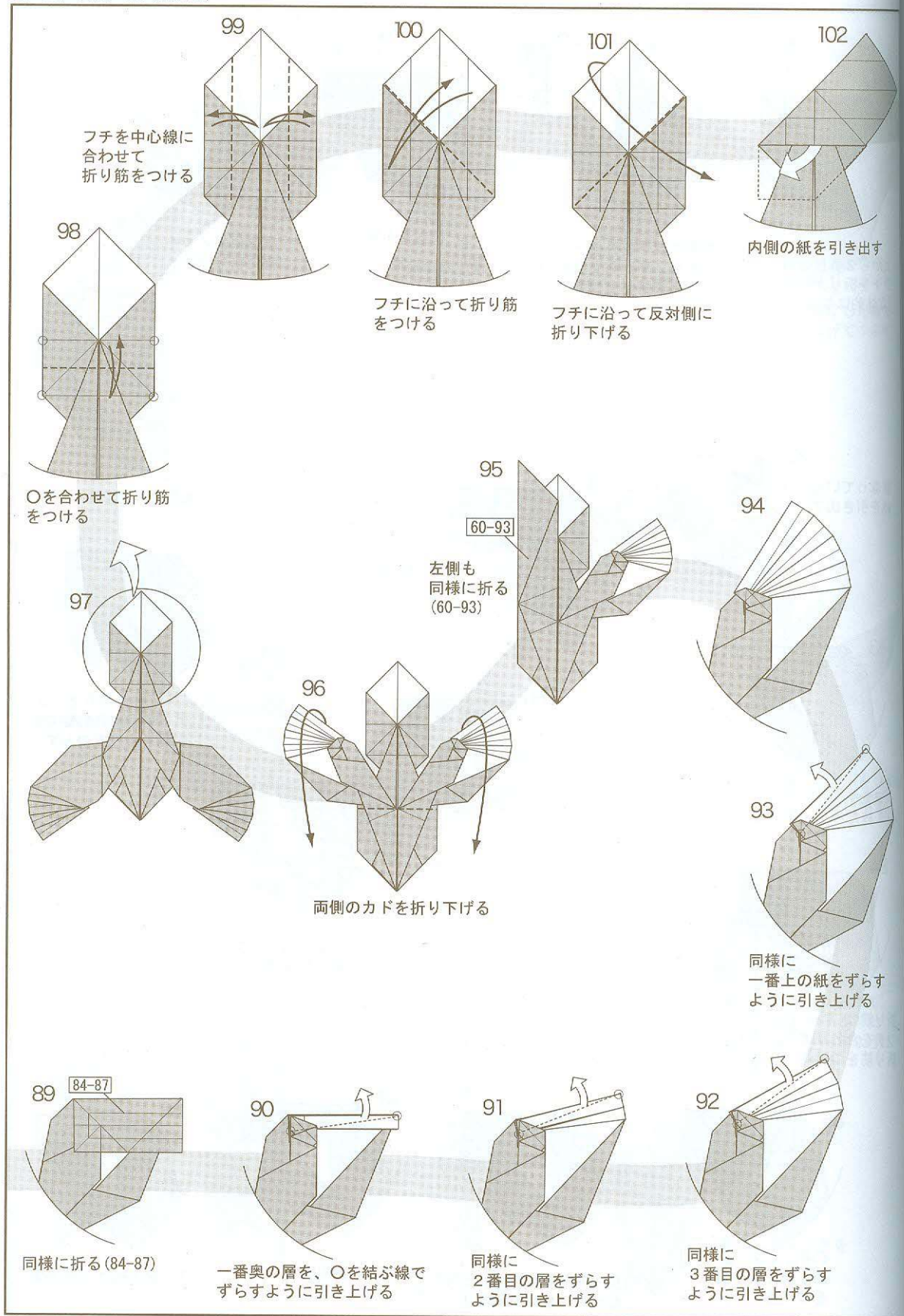


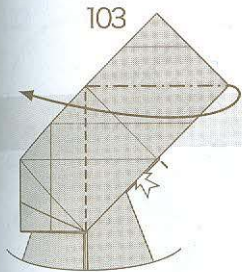
[途中図]

88

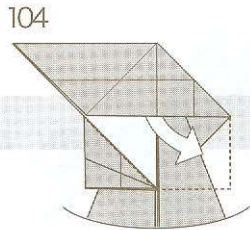


フチを3枚折り下げる

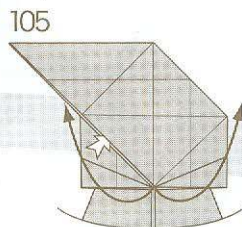




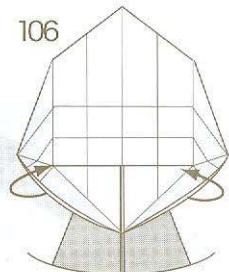
中心線に沿ってカドを
折り返し、内側を広げ
てつぶす



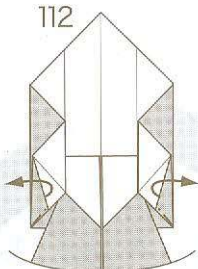
内側の紙を引き出す



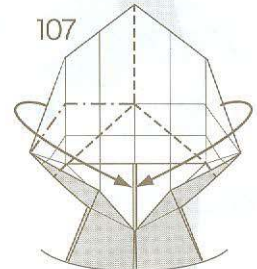
いったん内側を広げる



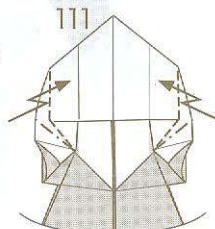
裏側にあるフチを
表に折り返す



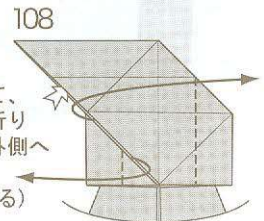
重なっているフチを
外側へ引き出す



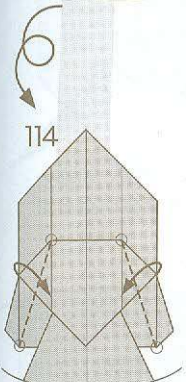
元の折り筋で置みなおす



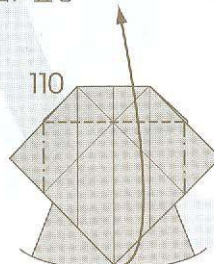
両端を引き寄せるように
段折りして平面に畳む



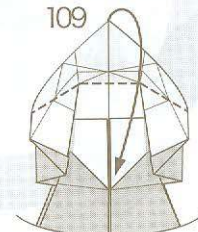
内側を広げて、
ついている折り
筋でフチを外側へ
折り返す
(立体的になる)



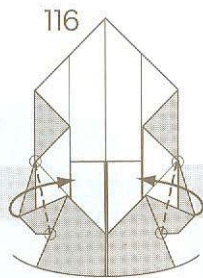
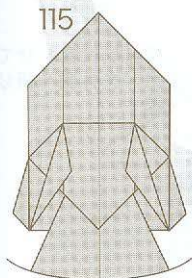
○を結ぶ線でカドを
折り返す



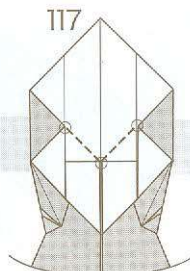
図の線でカドを
折り上げる
(立体的になる)



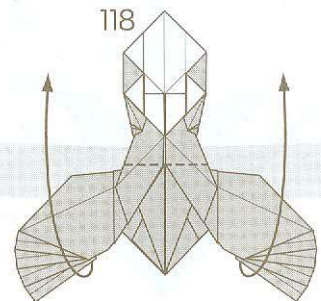
カドを折り下げる



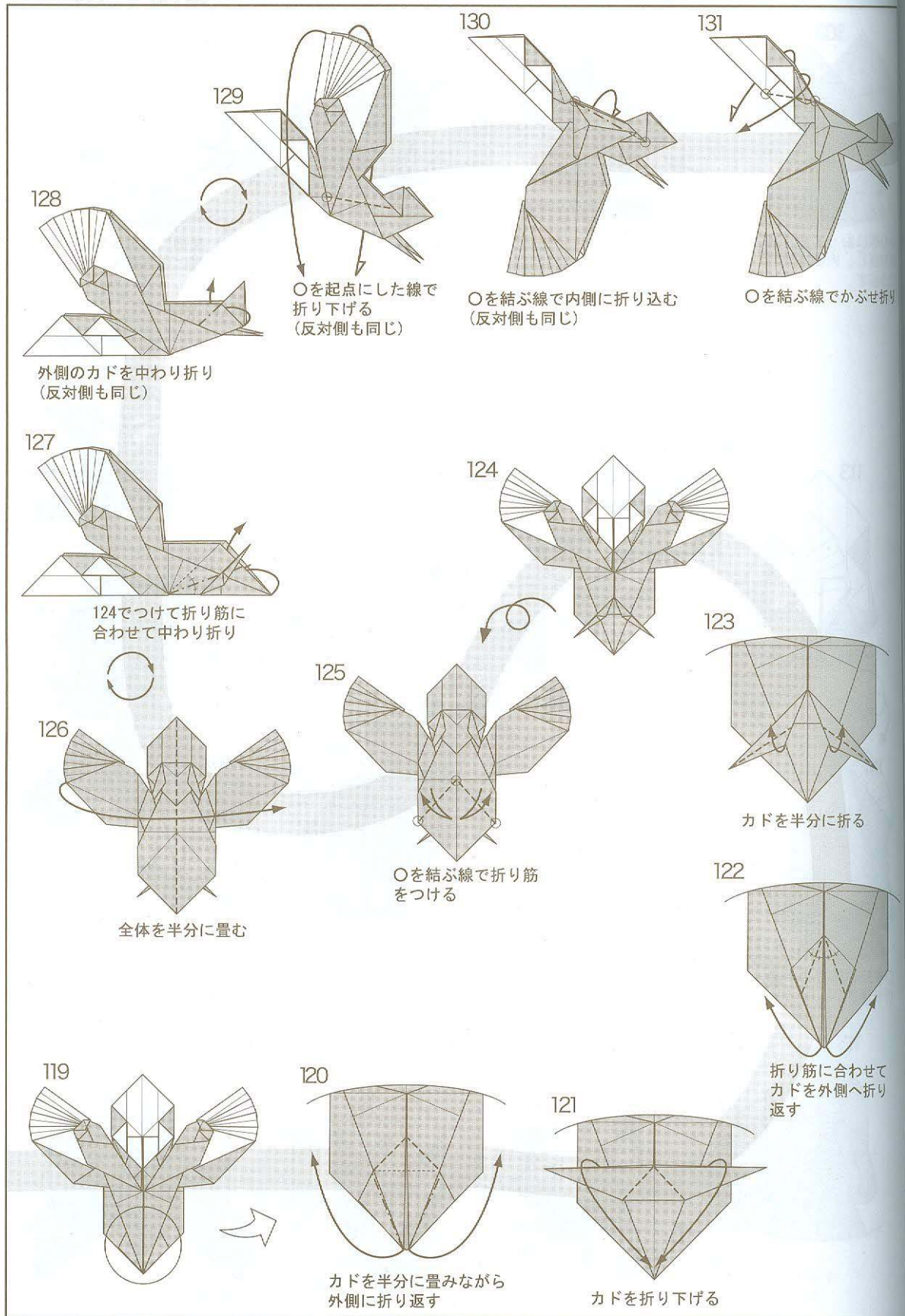
○を結ぶ線でカドを
折り返す

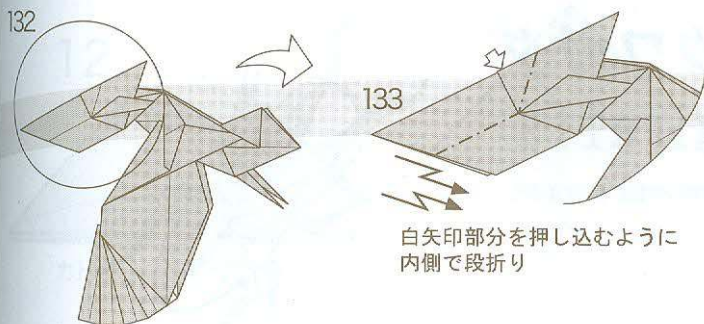


○を結ぶ線で2枚とも
折り筋をつける

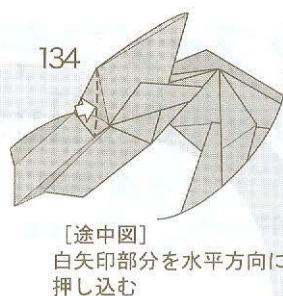


両側のカドを折り上げる

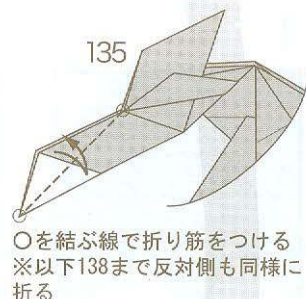




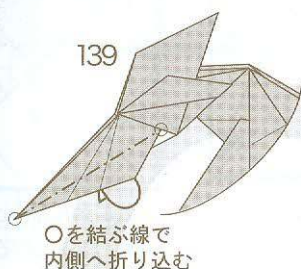
白矢印部分を押し込むように
内側で段折り



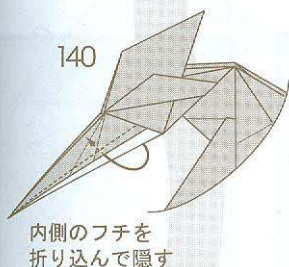
[途中図]
白矢印部分を水平方向に
押し込む



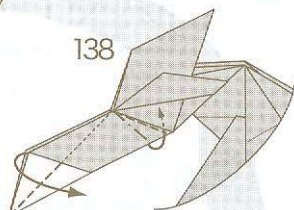
○を結ぶ線で折り筋をつける
※以下138まで反対側も同様に
折る



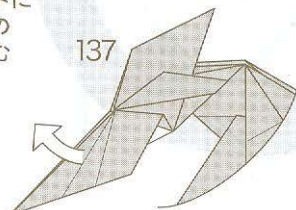
○を結ぶ線で
内側へ折り込む



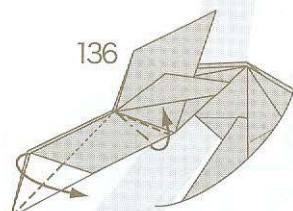
内側のフチを
折り込んで隠す



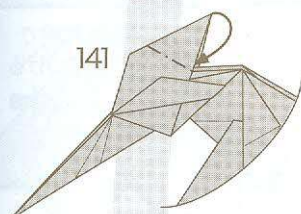
右端をポケットに
差し込んで元の
折り筋でたたむ



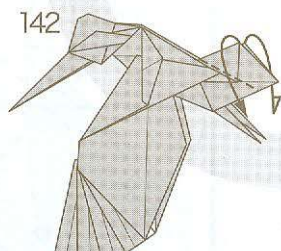
いったん戻す



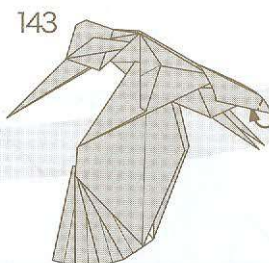
右端をフチに沿って
段折りしながら、
引き寄せるように折る



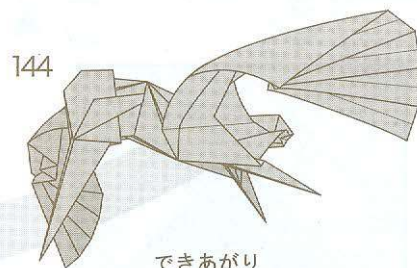
中わり折り



かぶせ折り
(立体的になる)



先端を折り込む
羽を広げて丸みをつける

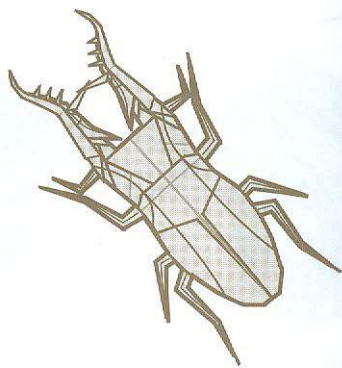


できあがり

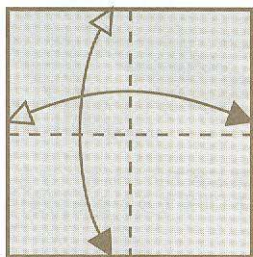
ギラファノコギリクワガタ prosopocoilus giraffa

有澤 悠河 (14) arisawa yuga

創作:2011.11 作図:2012.5

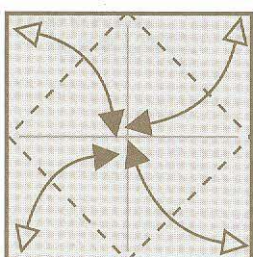


1



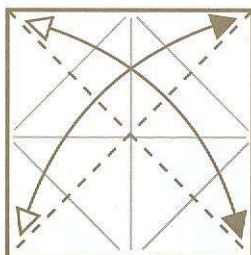
折り筋をつける

2



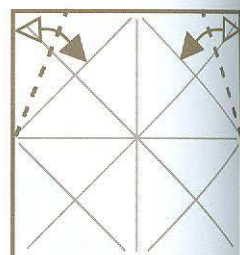
中心にあわせて
折り筋をつける

3



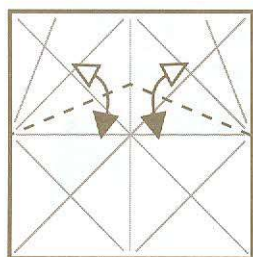
折り筋をつける

4



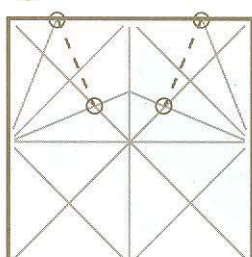
縁と折り筋を合わせて
折り筋をつける

5



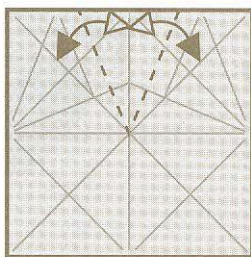
折り筋同士を合わせて
折り筋をつける

6



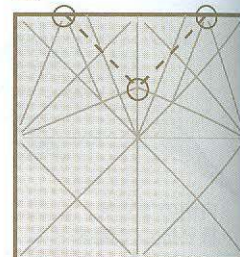
○を結ぶ線で
折り筋をつける

7



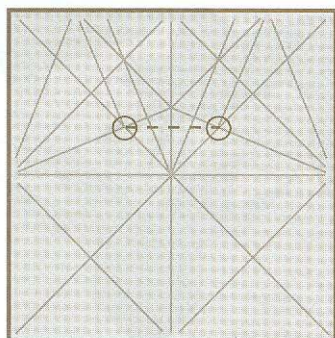
折り筋同士を合わせて
折り筋をつける

8



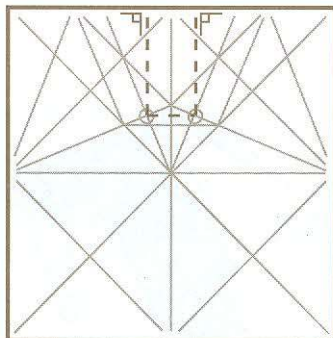
○を結ぶ線で
折り筋をつける

9



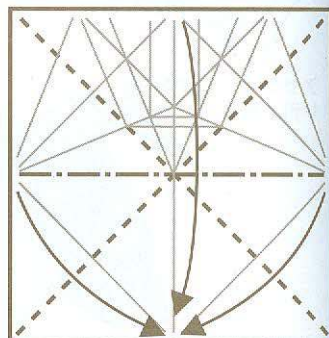
○を結ぶ線で折り筋をつける

10

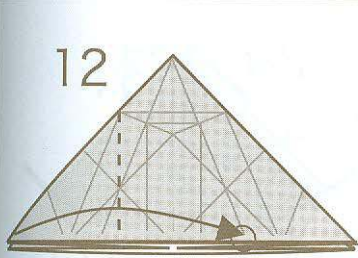


○のところで図のように
折り筋をつける

11

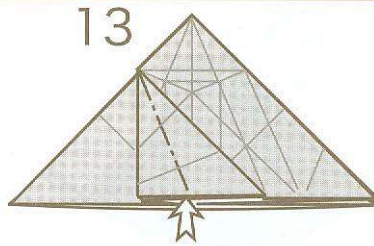


風船基本形に折り畳む



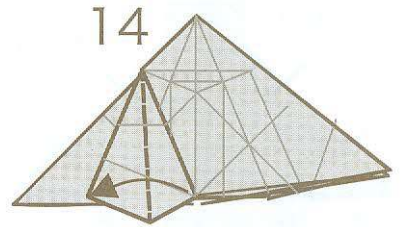
12

カドを○に合わせて折る



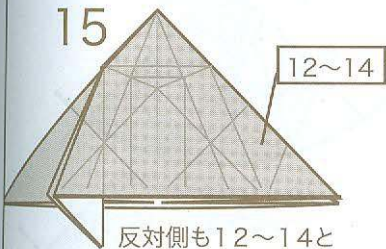
13

内側を広げて
つぶすように折る



14

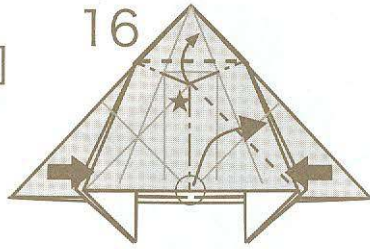
折り返す



15

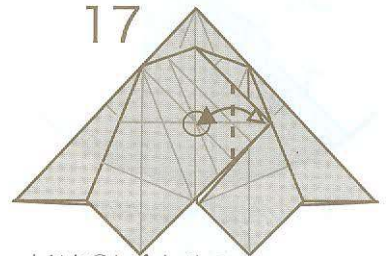
12~14

反対側も12~14と
同じように折る



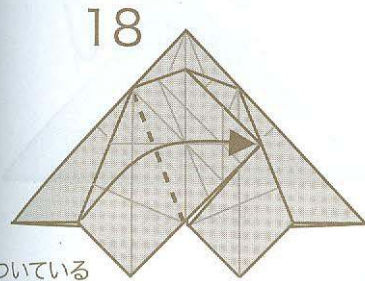
16

★のカドを持ち上げながら
○をずらすように折る



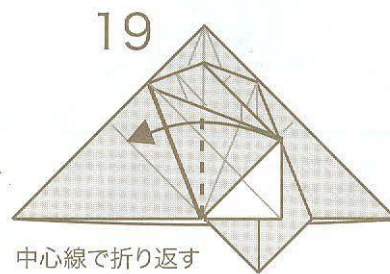
17

カドを○に合わせて
折り筋をつける



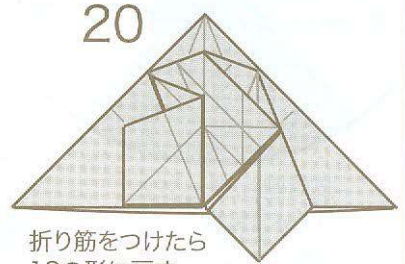
18

ついている
折り筋で折る



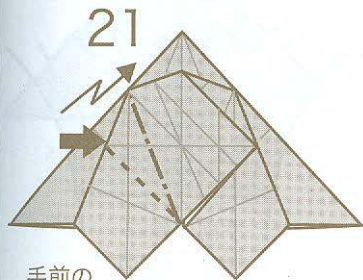
19

中心線で折り返す



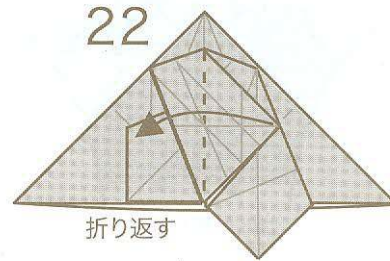
20

折り筋をついたら
18の形に戻す



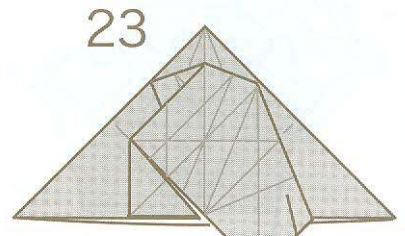
21

手前の
折り筋を反転させて
20の形のように押し込む



22

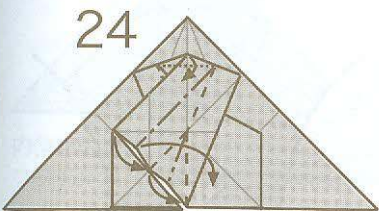
折り返す



23

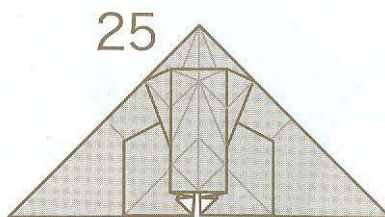
反対側も18~21と
同じように折る

18~21

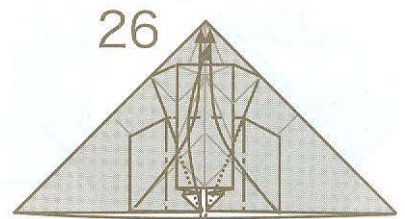


24

二段で内側を広げて
つぶすように折る

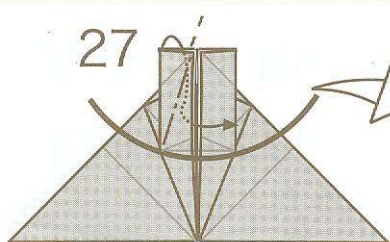


25

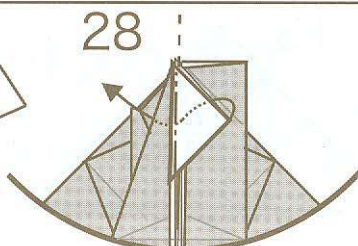


26

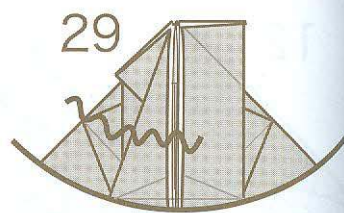
花卉折りの
ように縁を
中心に合わせて折る



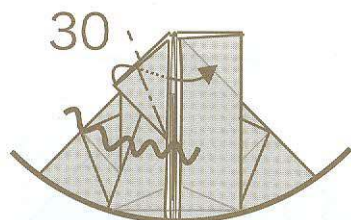
後ろの縁に沿って中割り折り



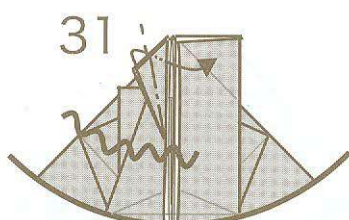
縁のところで中割り折り



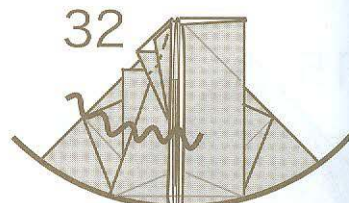
透視



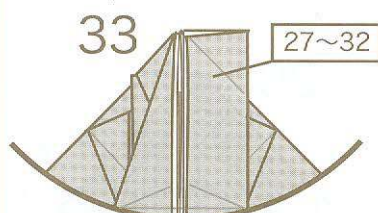
半分の角度で中割り折り



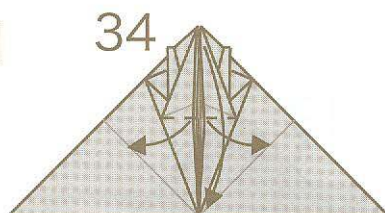
手前のヒダだけ半分の角度で中割り折り



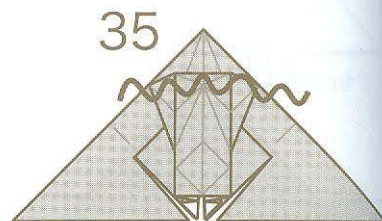
3か所でそれぞれ半分の角度で中割り折り



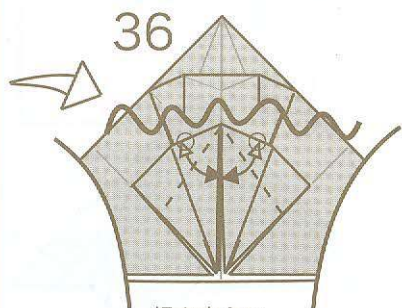
反対側も27~32と同じように折る



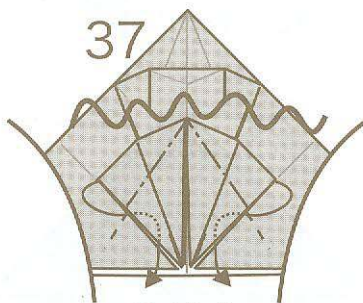
正方基本形のような形に開きながらヒダをまとめて折り下げる



透視&拡大



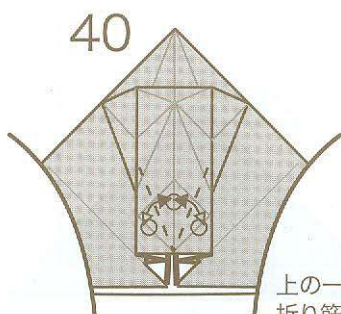
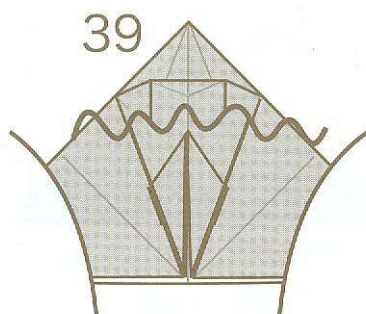
縁を中心に合わせて折り筋をつける



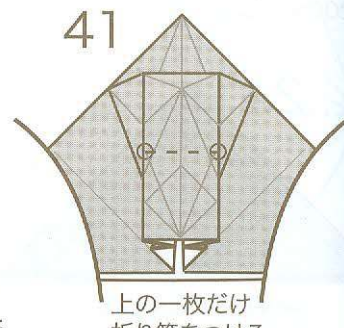
つけた折り筋で中割り折り (○はclosed sink)



手前の縁に沿って4か所で中割り折り

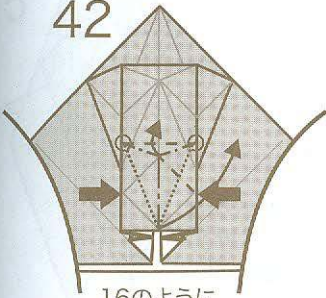


上の一枚だけ折り筋をつける



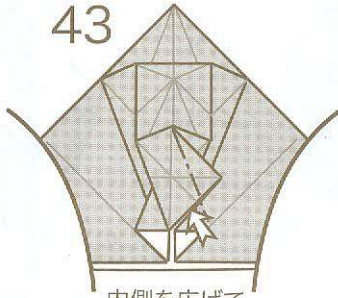
上の一枚だけ折り筋をつける

42



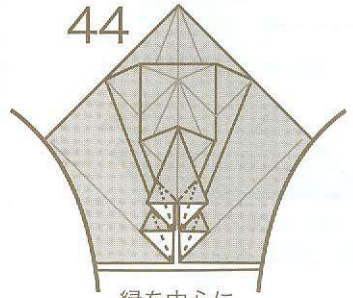
16のように
折りあげる

43



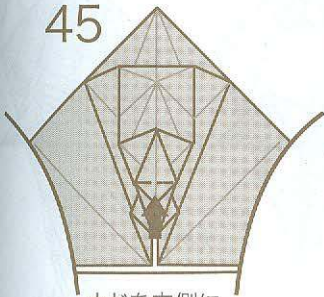
内側を広げて
つぶすように折る

44



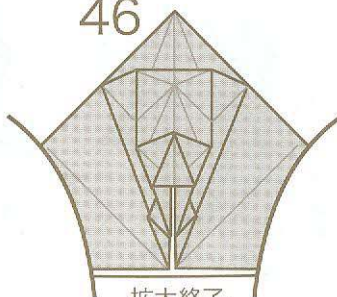
縁を中心に
合わせて4か所で
中割り折り

45



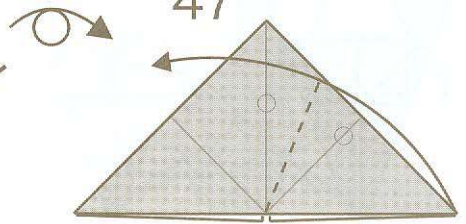
カドを内側に
押し込む

46



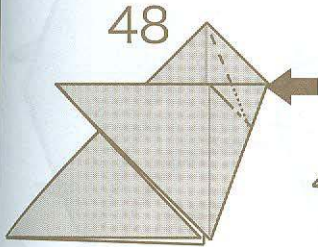
拡大終了、
裏返す

47



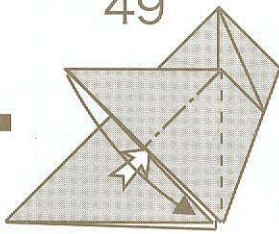
折り筋を合わせて折る

48



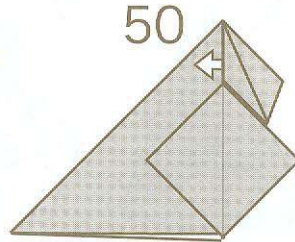
引き寄せ折り

49



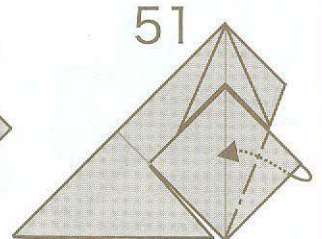
内側を広げて
つぶすように折る

50



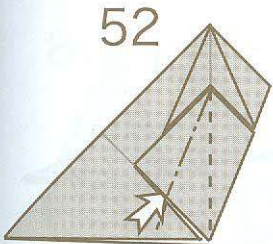
引き出す

51



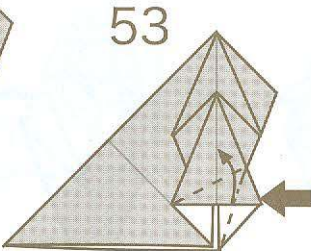
中割り折り

52



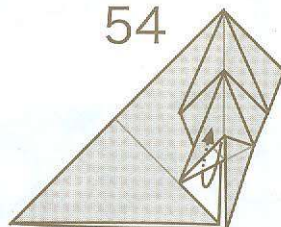
内側を広げて
つぶすように折る

53



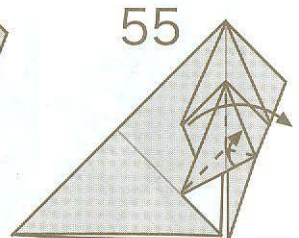
引き寄せ折り

54

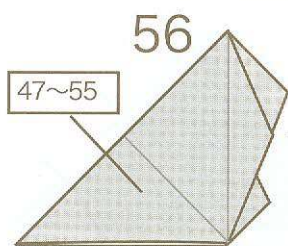


内側に折り込む

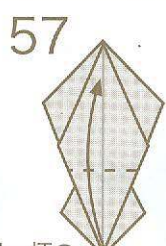
55



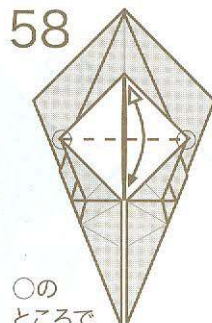
引き寄せ折りしながら
二枚めくる



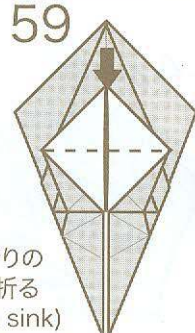
左側も47~55と
同じように折る



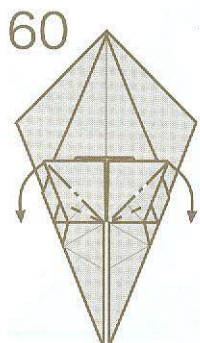
目一杯の
ところで折り上げる



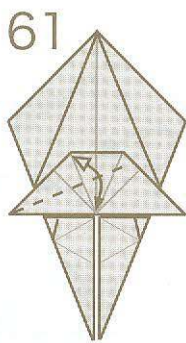
○の
ところで
折り筋をつける



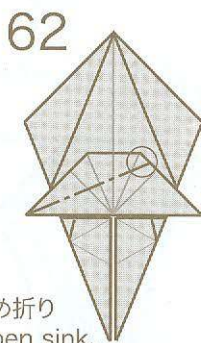
沈め折りの
ように折る
(open sink)



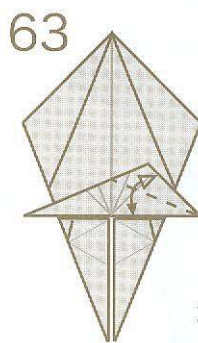
ずらすように折る



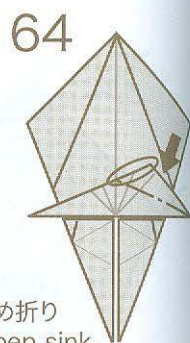
半分の角度で
折り筋をつける



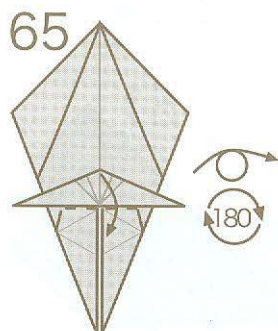
沈め折り
(open sink、
○はclosed sink)



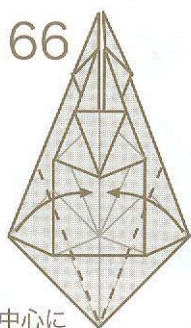
折り筋をつける



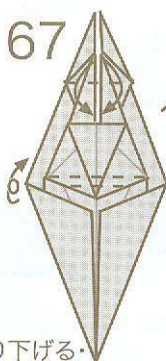
沈め折り
(open sink、
○はclosed sink)



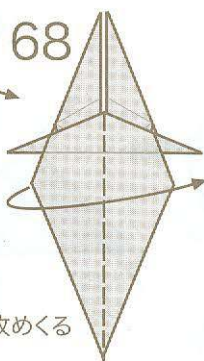
下に折る



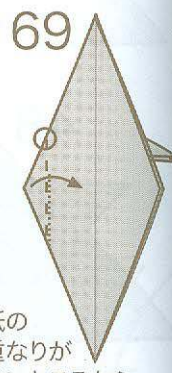
中心に
合わせて折る



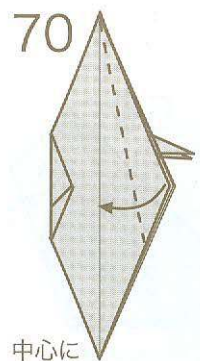
折り下げる・
巻くように折る



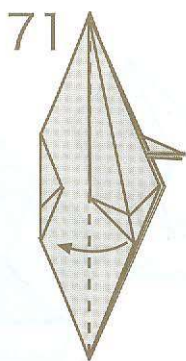
4枚めくる



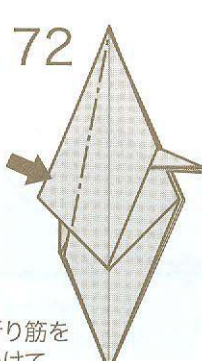
紙の
重なりが
多いところから
折り筋に平行に
(後ろの縁で)折る



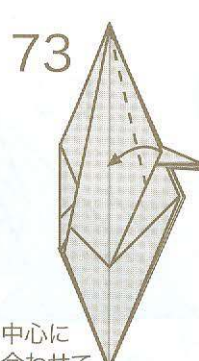
中心に
合わせて折る



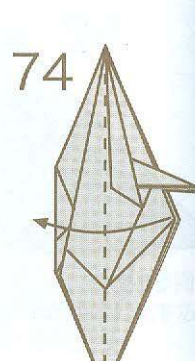
2枚めくる



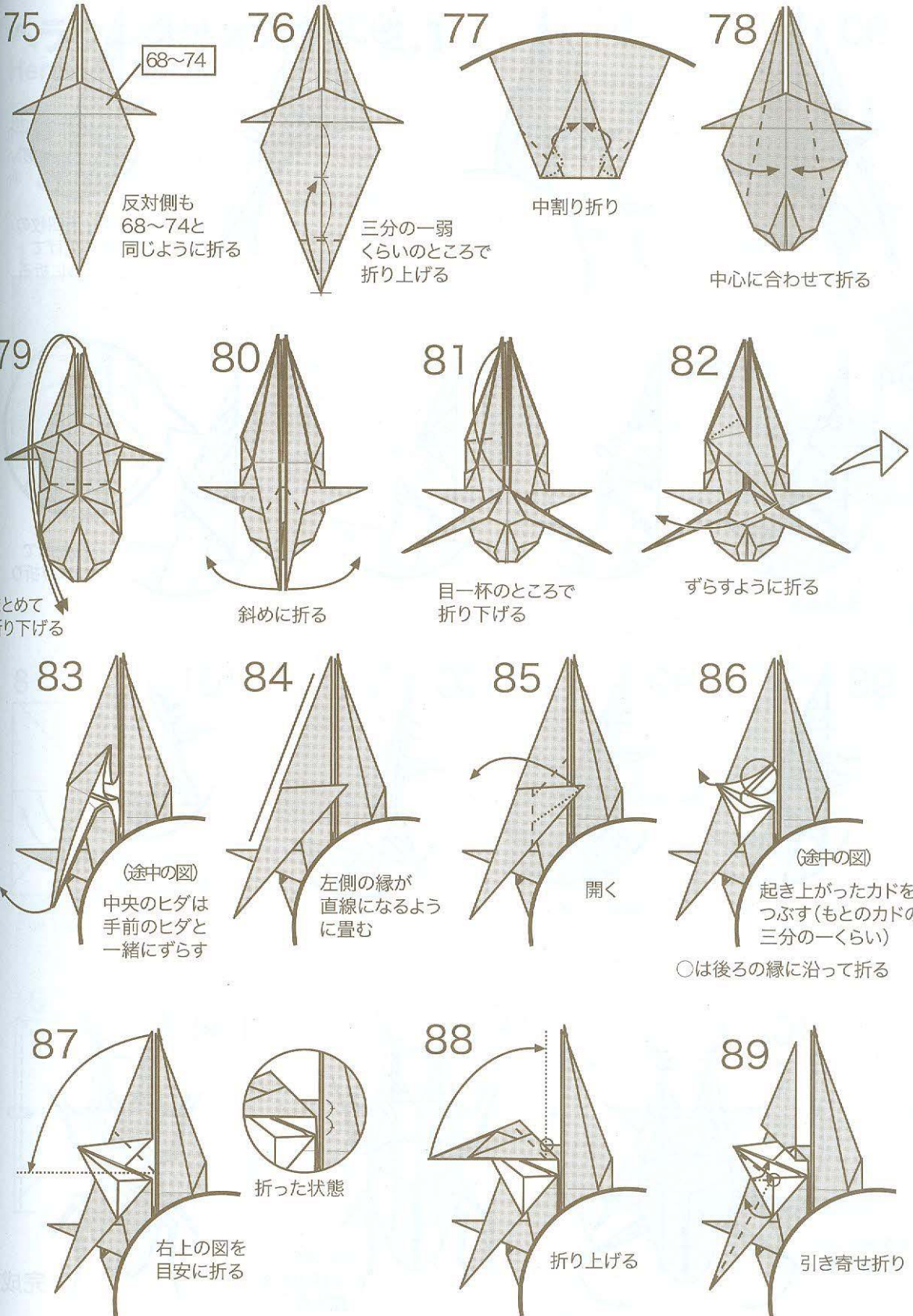
折り筋を
つけて
沈め折り(open sink)

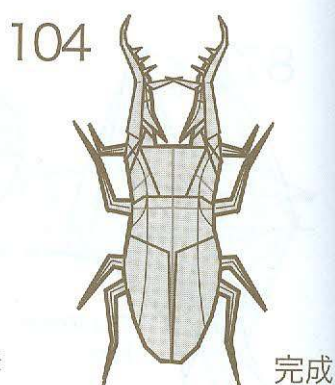
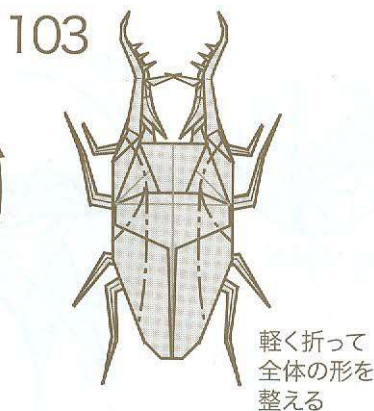
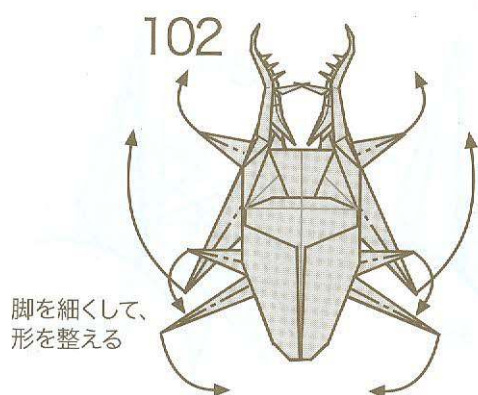
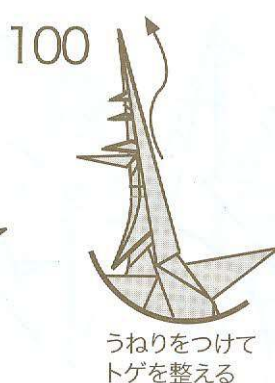
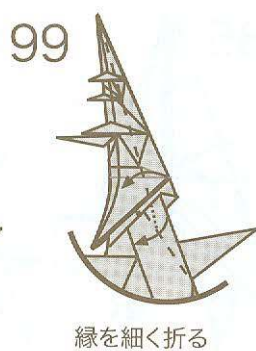
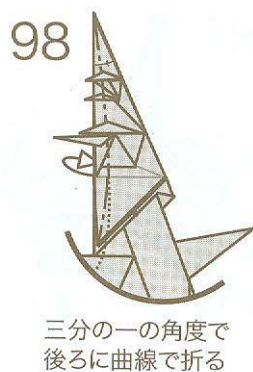
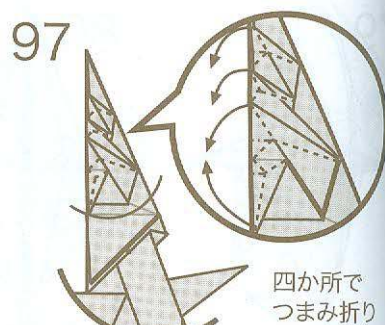
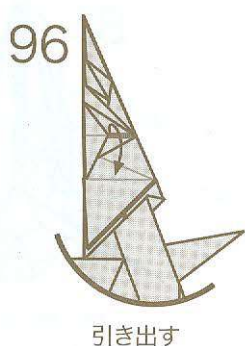
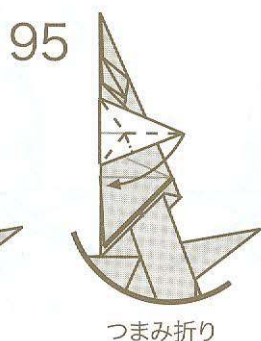
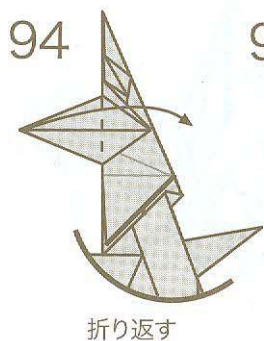
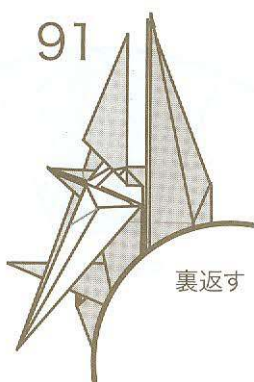
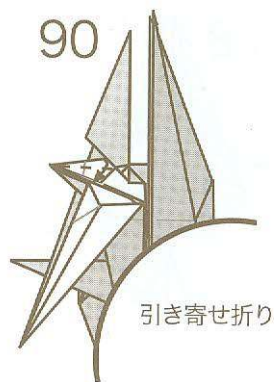


中心に
合わせて
折り筋をつける



2枚めくる





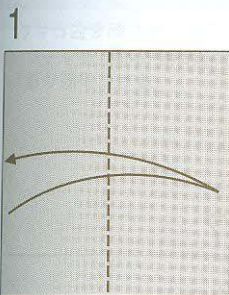
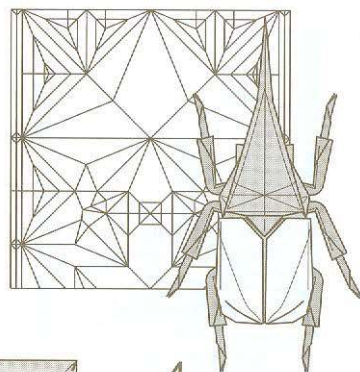
ヘラクレスオオカブト 2.1

Hercules Beetle

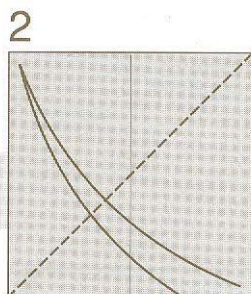
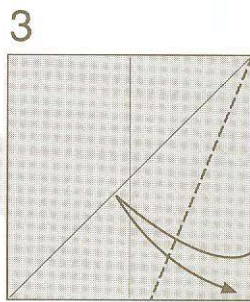
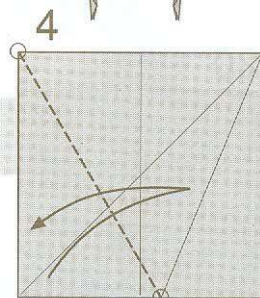
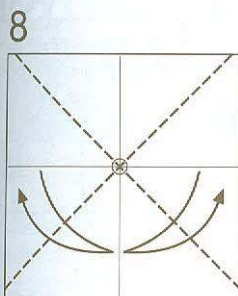
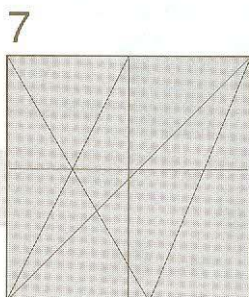
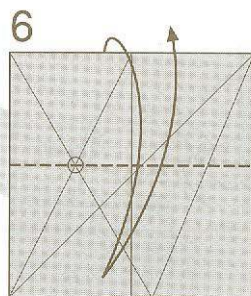
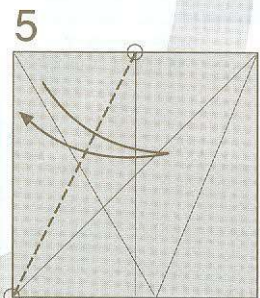
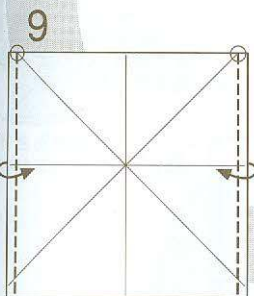
神谷哲史

Model & Diagrams by Satoshi Kamiya

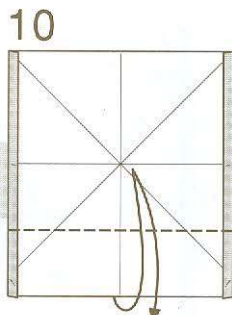
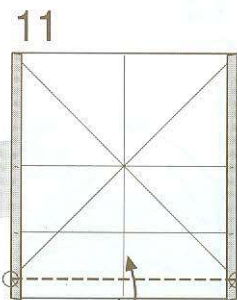
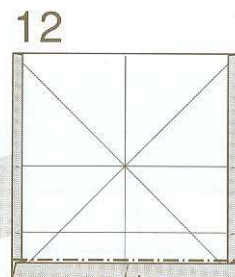
作 2010/12/xx



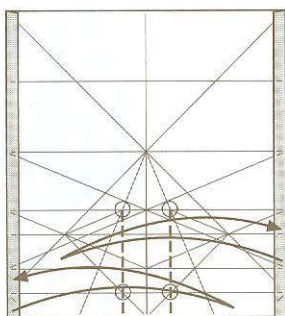
半分に折り筋をつける

対角線に
折り筋をつけるフチを対角線に合わせて
折り筋をつける○を結ぶ線で
折り筋をつける○の交点を通る線で
折り筋をつける2-5 までの折り筋は
以降表示しない○の交点で
折り筋をつける○を結ぶ線で
折り筋をつける

○のところで折る

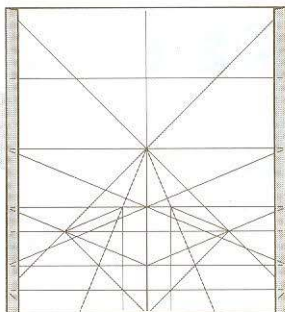
フチを折り筋に合わせて
折り筋をつける○を結ぶ線で
折り筋をつけるフチのところで
後ろへ折る

21

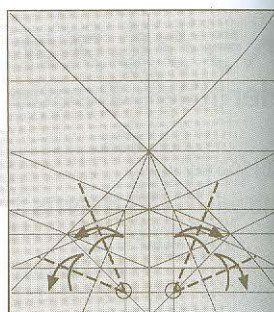


○を結ぶ線で
折り筋をつける

22

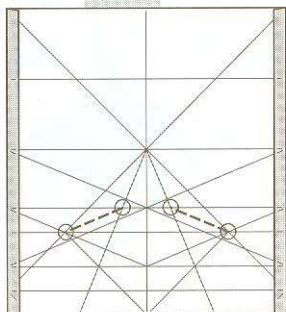


23



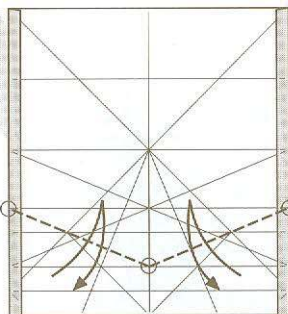
折り筋と折り筋を合わせて
折り筋をつける

20



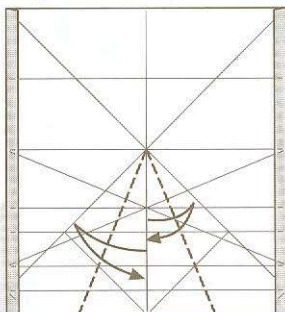
○を結ぶ線で
折り筋をつける

19



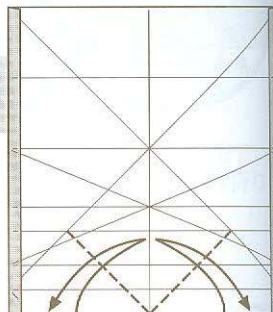
○を結ぶ線で
折り筋をつける

18



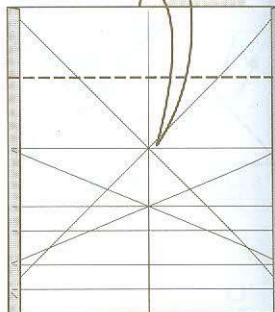
折り筋と折り筋を合わせて
折り筋をつける

17



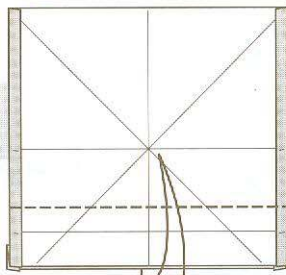
フチを折り筋に合わせて
折り筋をつける

16



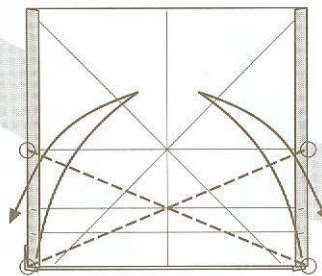
フチを折り筋に合わせて
折り筋をつける

13



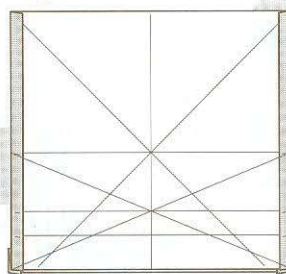
フチを折り筋に合わせて
折り筋をつける

14



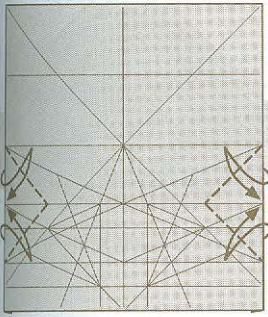
○を結ぶ線で
折り筋をつける

15

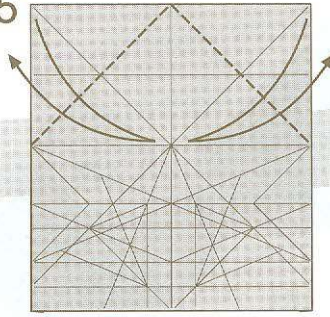


下のフチを戻す

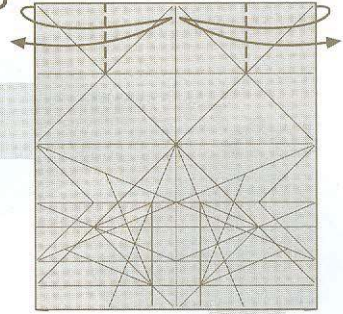
24


フチを折り筋に合わせて
折り筋をつける

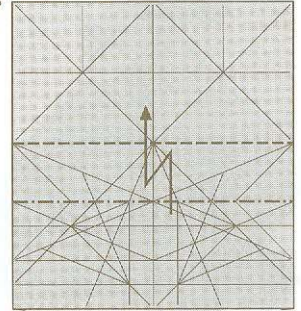
25


フチを折り筋に合わせて
折り筋をつける

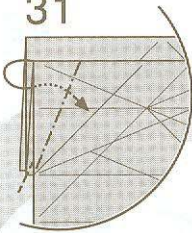
26


カドを中心に合わせて
折り筋をつける

27

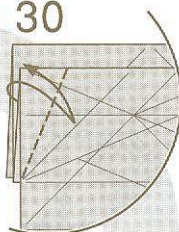

ついている折り筋で
段折り

31

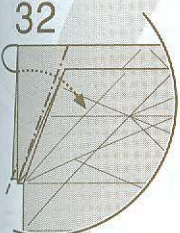


中割り折り

30

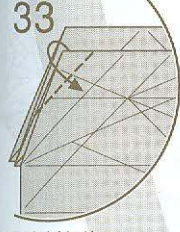

フチを折り筋に合わせて
折り筋をつける

32

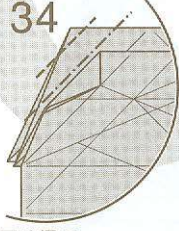


中割り折り

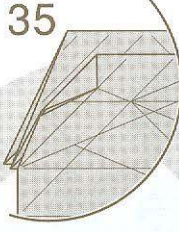
33


カドを折り筋に
合わせて折る

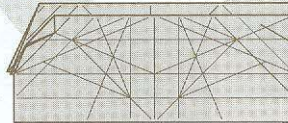
34


同じ幅で
折り筋をつける

35

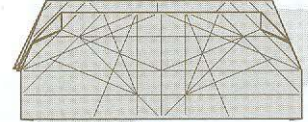


36



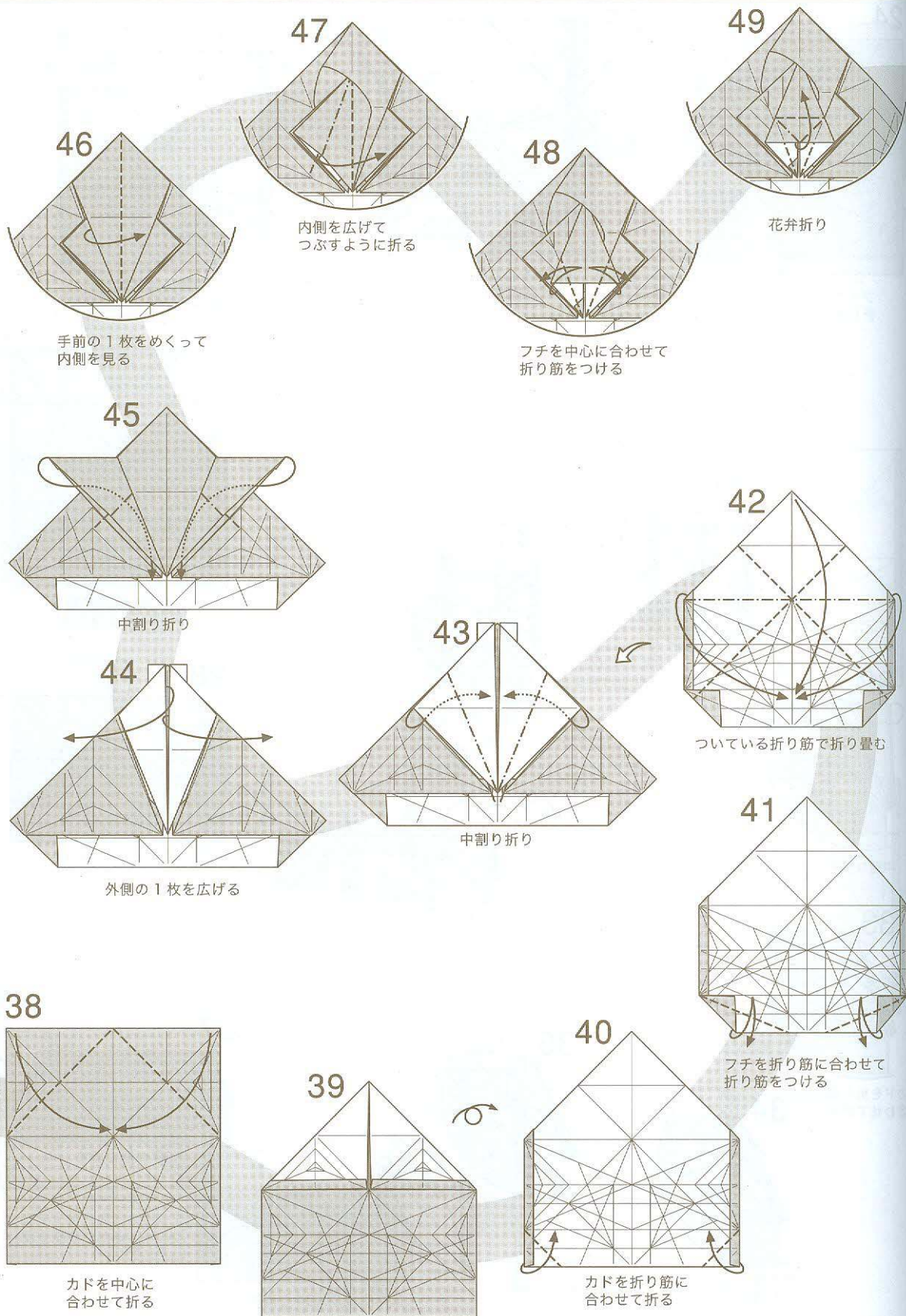
反対側も 30-34 と同様に折る

37

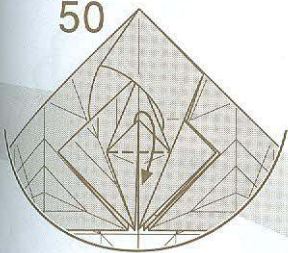


26 の形に戻す

30-34

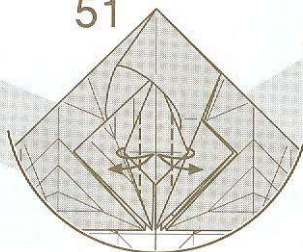


50



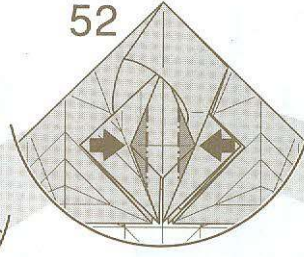
カドを下へ折る

51



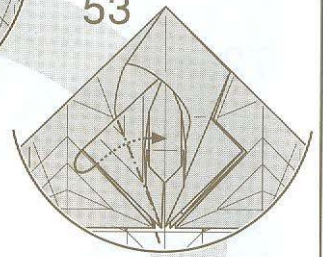
カドを中心に合わせて
折り筋をつける

52



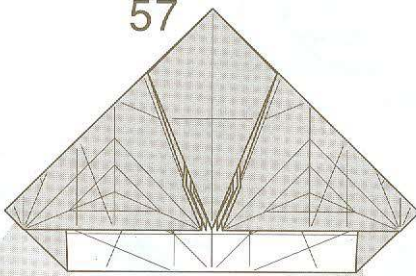
しずめ折り

53

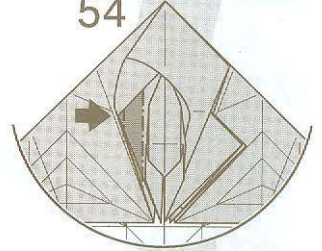


中割り折り

57

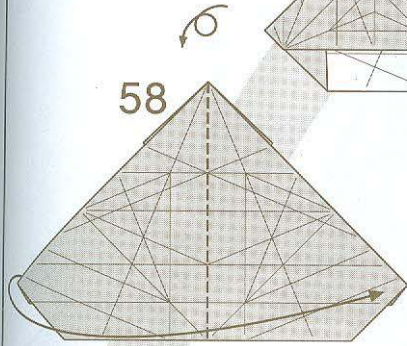


54



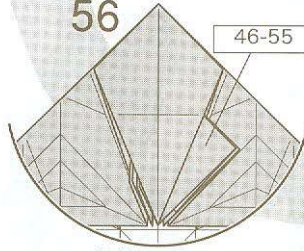
しずめ折り

58



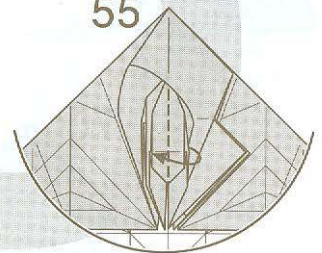
カドを反対側へ折る

56



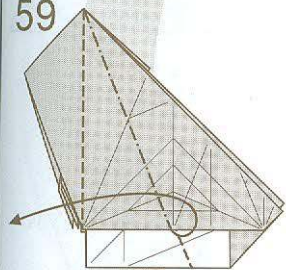
反対側も 46-55 と
同様に折る

55



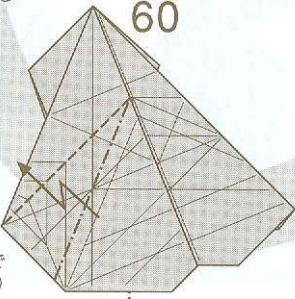
閉じる

59



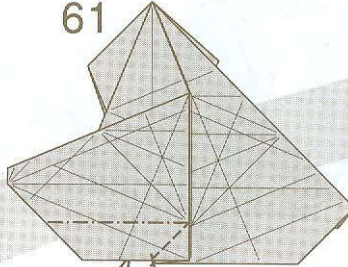
内側を広げて
つぶすように折る

60



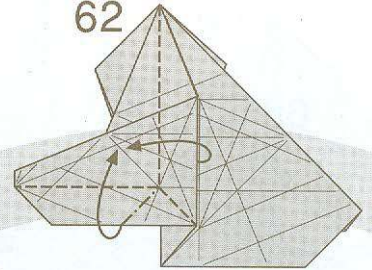
ついている折り筋で
ずらすように段折り

61

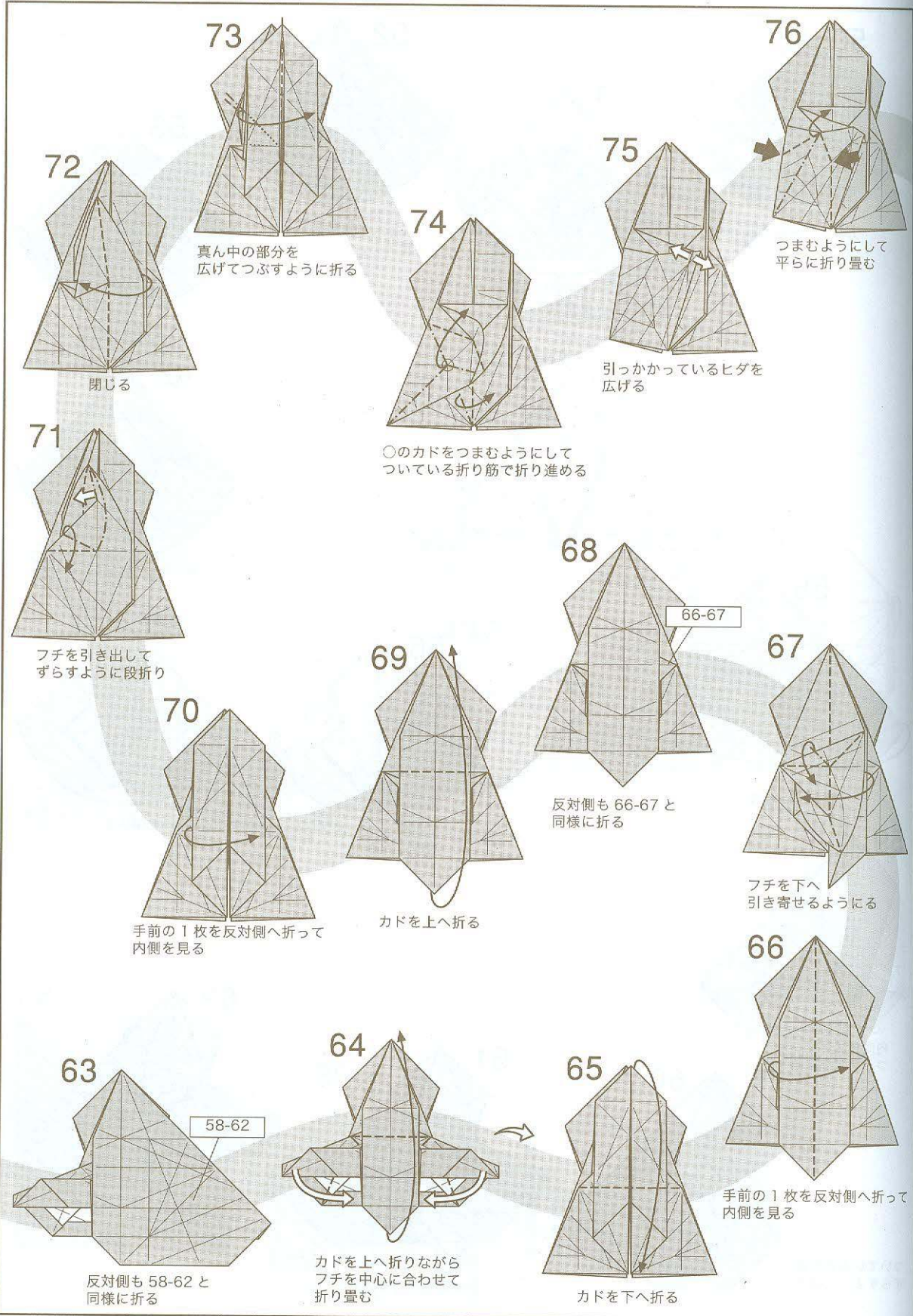


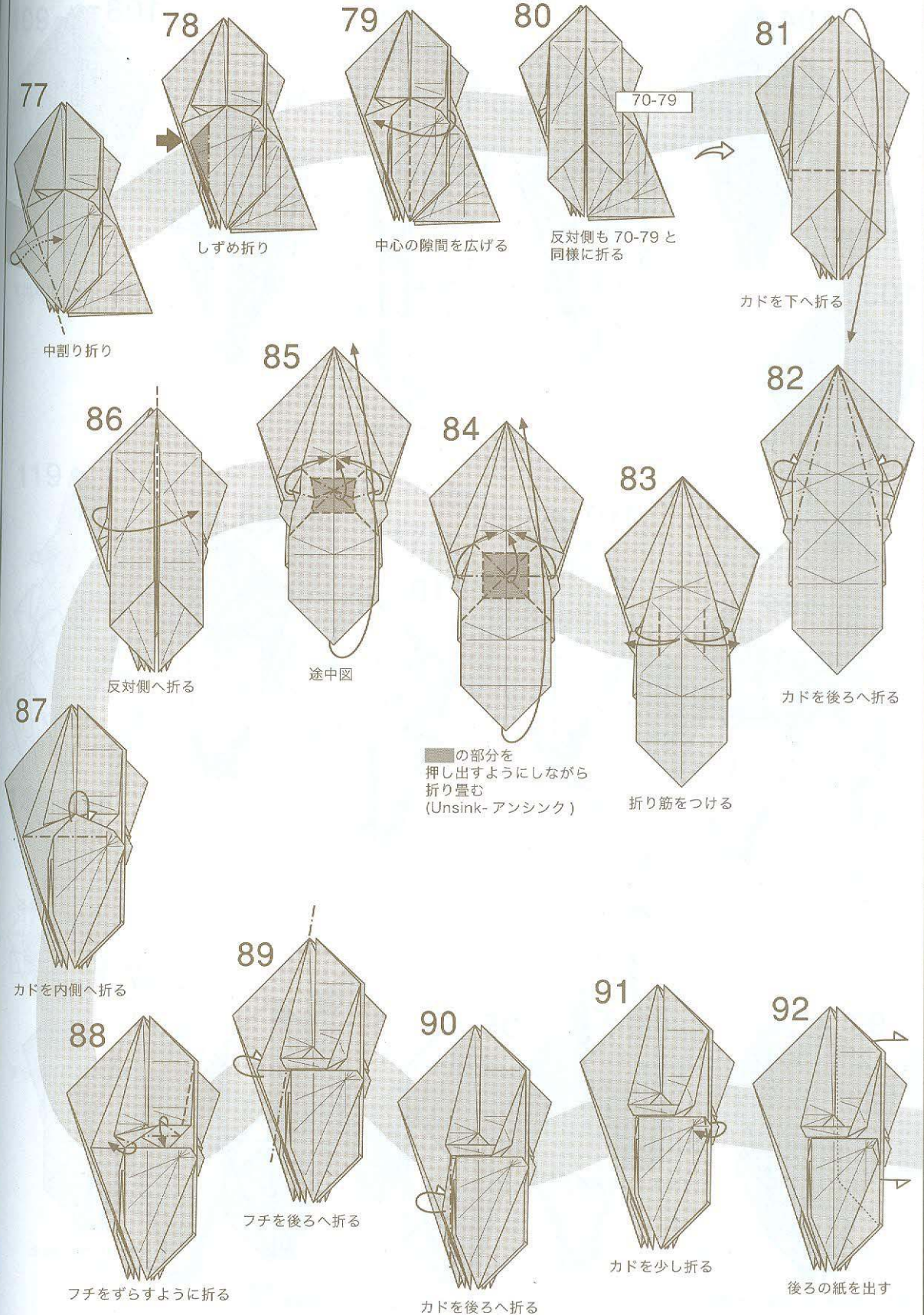
フチを後ろへ折り込む

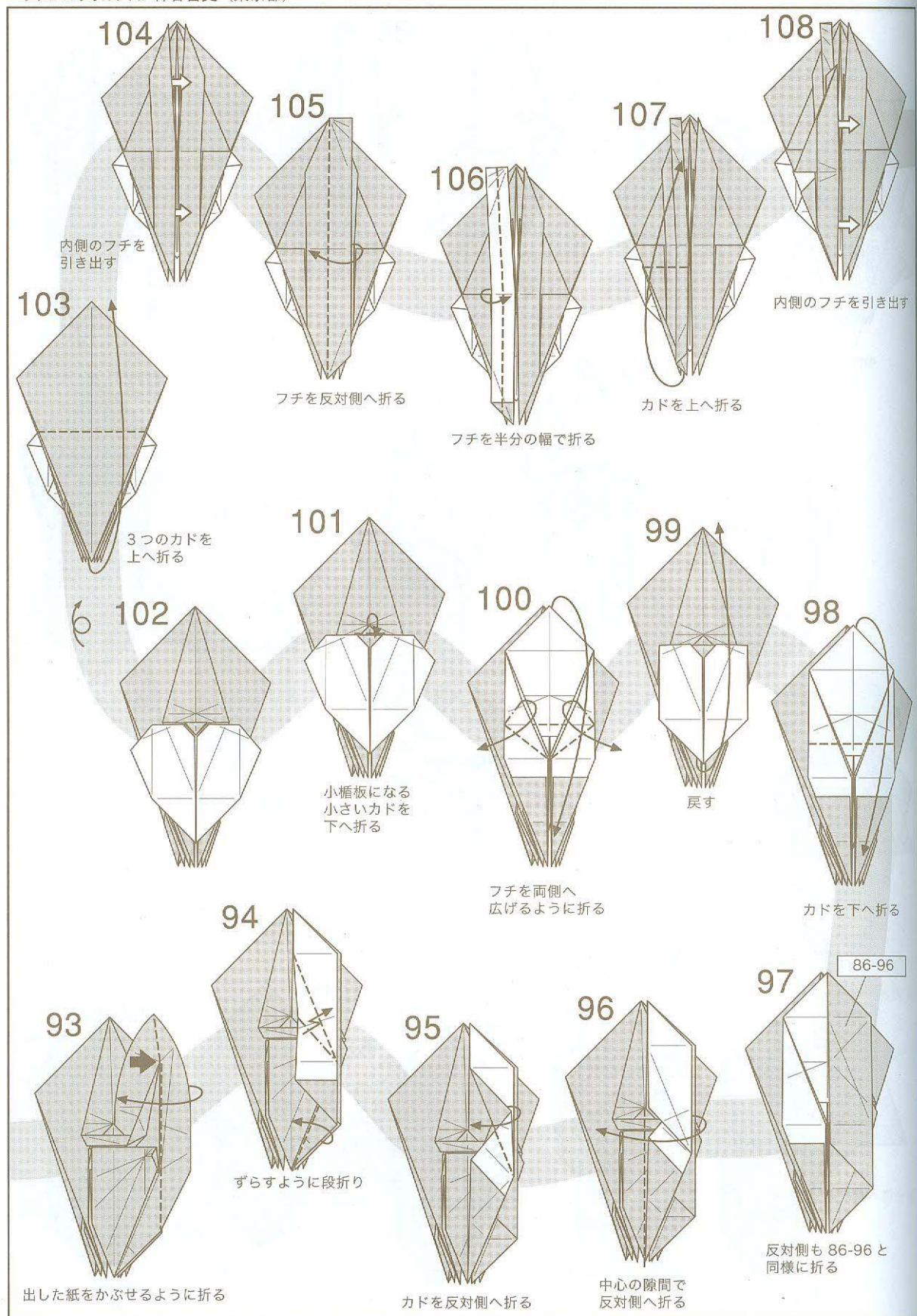
62

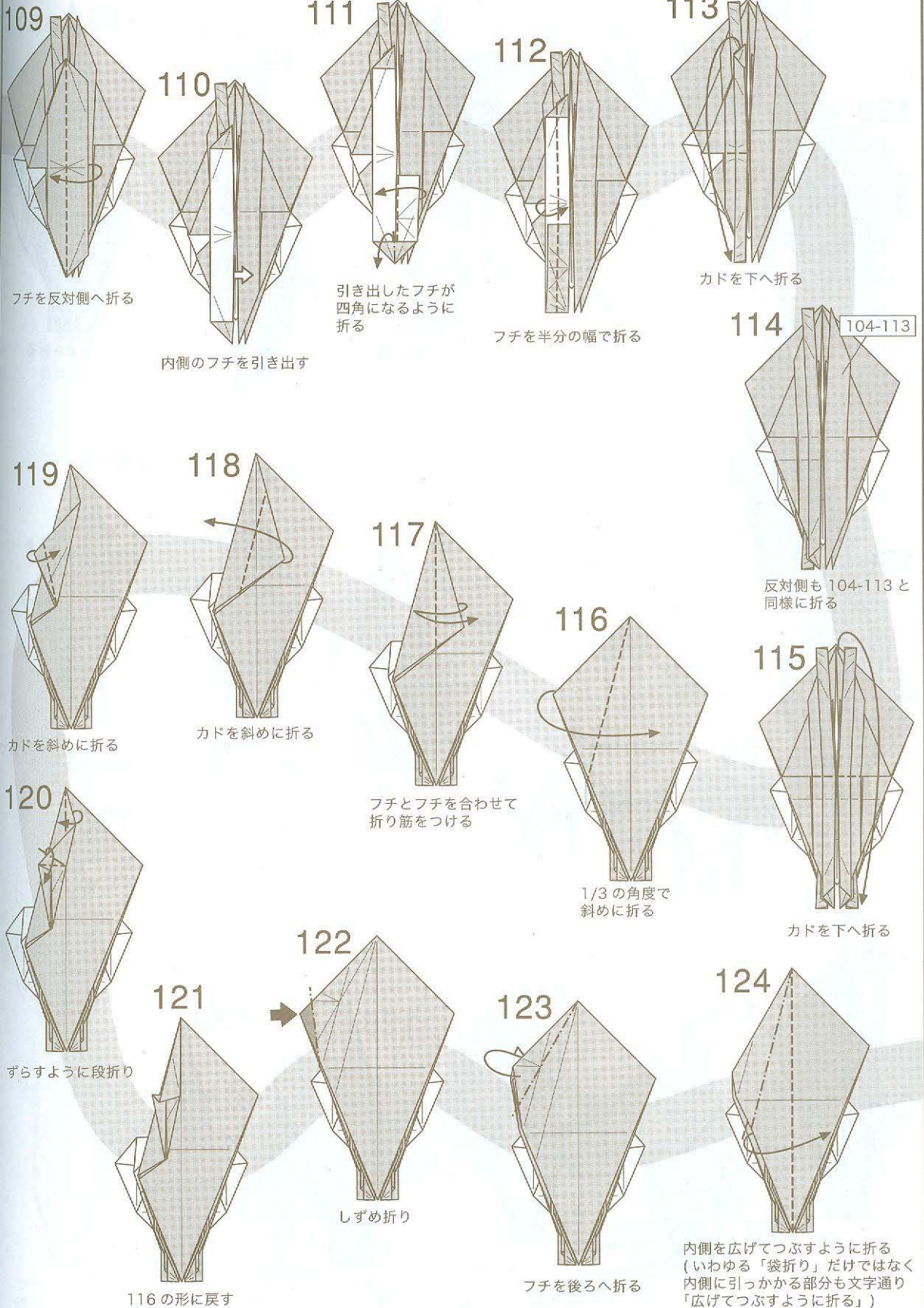


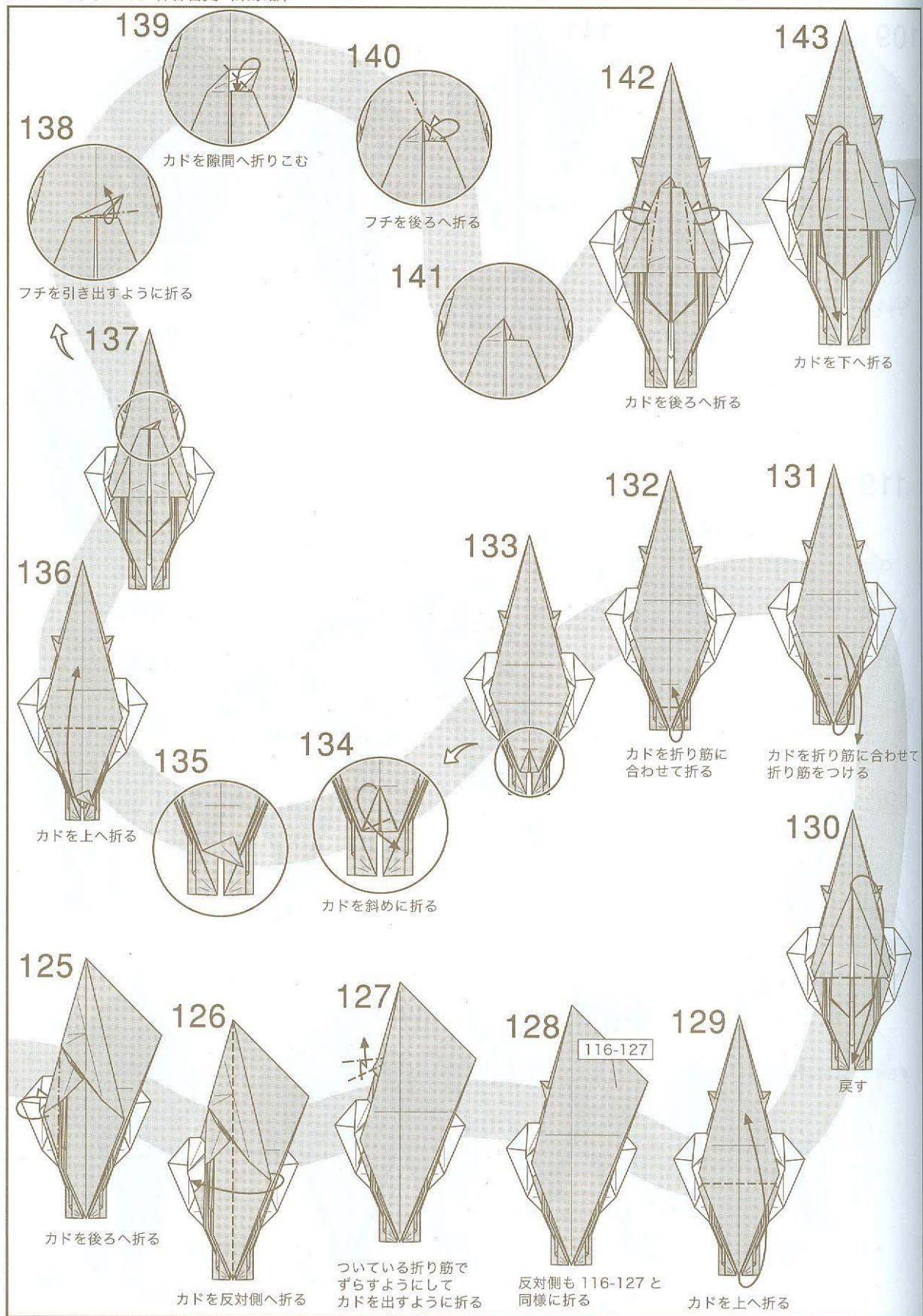
ついている折り筋を使って
つまむように折る



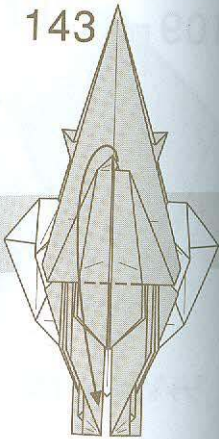








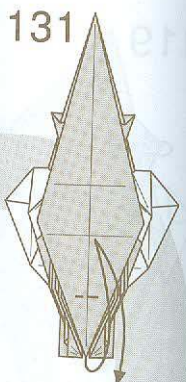
143



カドを下へ折る

るへ折る

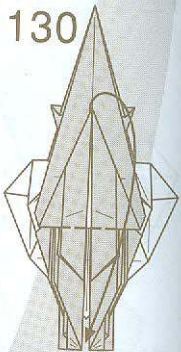
131



カドを折り筋に合わせて
折り筋をつける

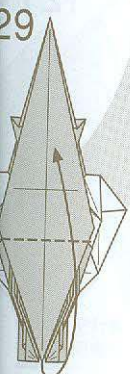
の筋に
折る

130



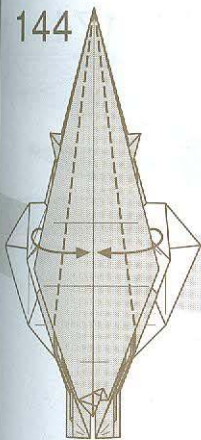
戻す

29



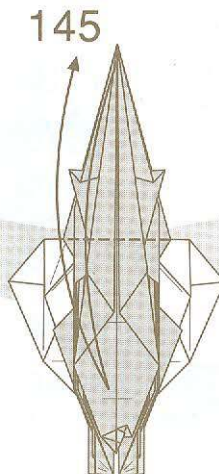
ドを上へ折る

144



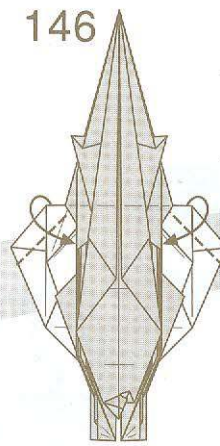
フチを中心に
合わせて折る

145



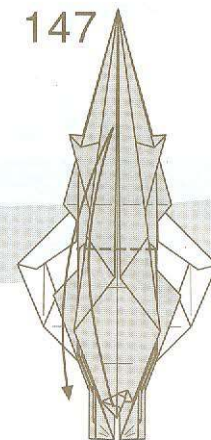
カドのところで
折り筋をつける

146



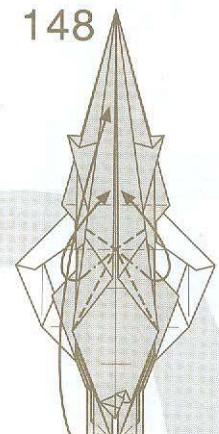
フチを斜めに折る

147



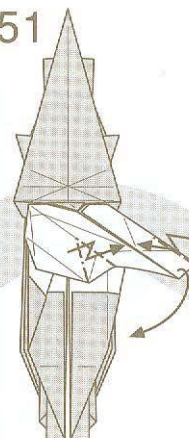
折り筋をつける
(ぐらい)

148



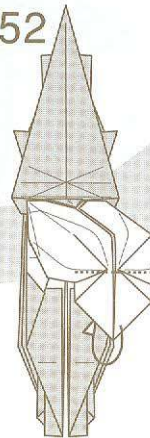
内側の1枚を
段折りするようにして
折り畳む

151



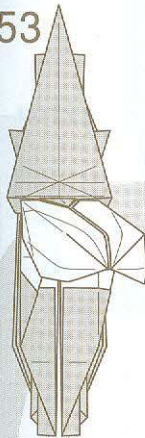
段折りで
立体的にする

152



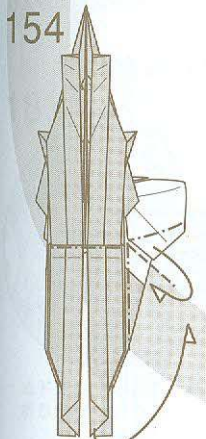
カドを内側へ折り込む

153



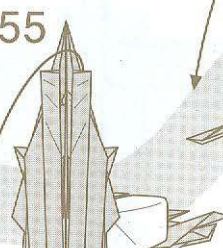
6

154



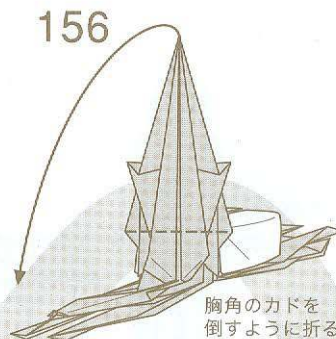
フチを内側へ折りながら
脚のカドを後ろへ折る

155



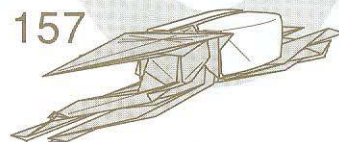
前脚と頭部のカドを倒す

156

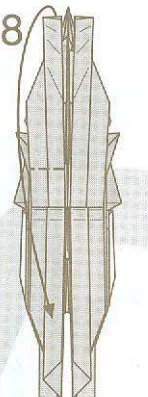


胸角のカドを
倒すように折る

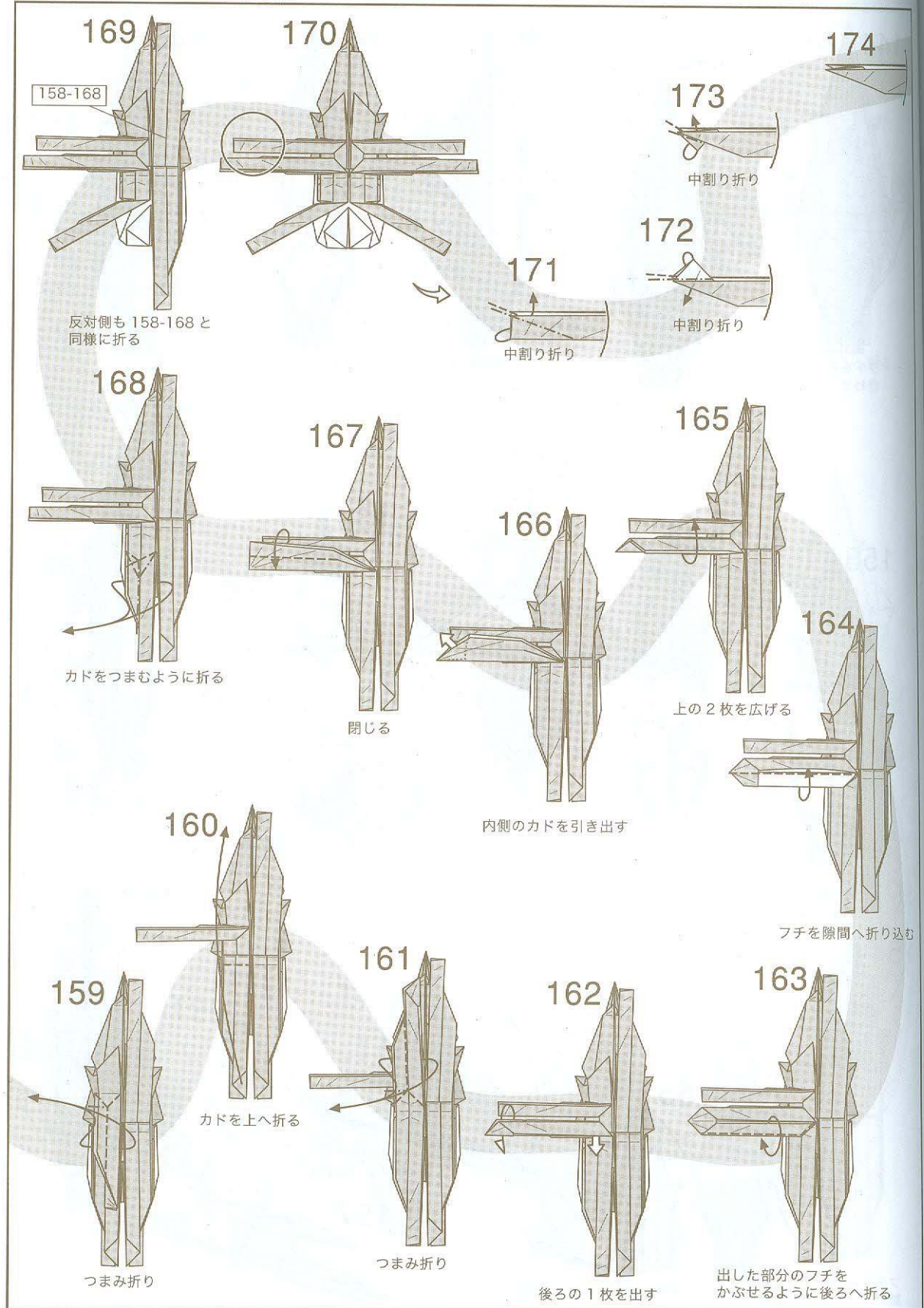
157

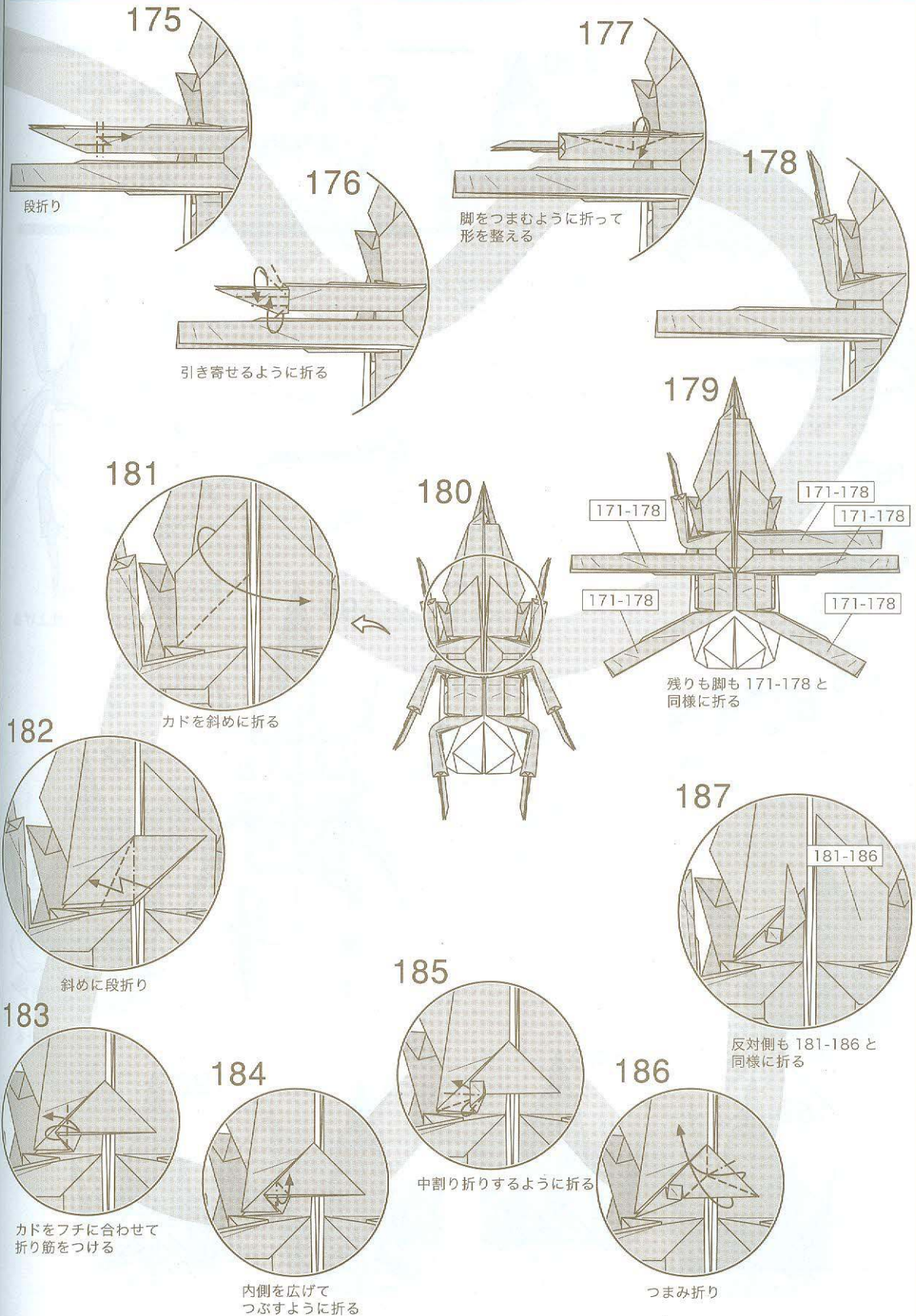


158

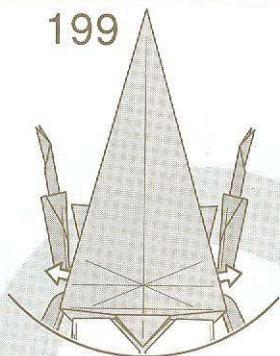


カドを下へ折る



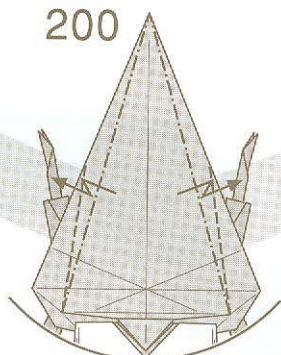


199



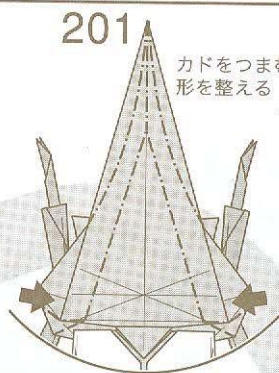
内側の紙を引き出す

200



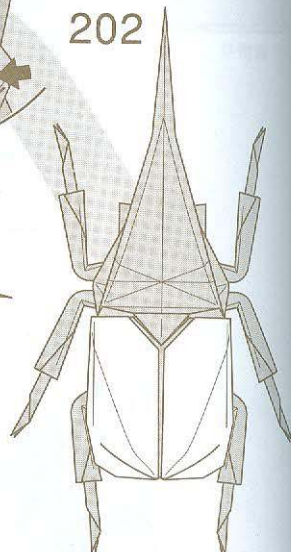
段折り

201



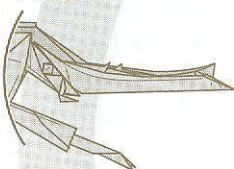
カドをつまむようにして形を整える

202

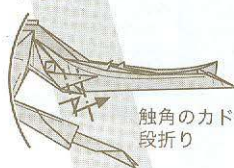


完成
以下気の済むまで仕上げる

198

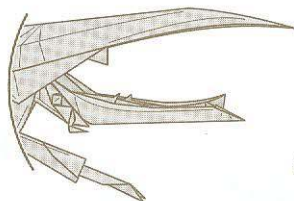


197

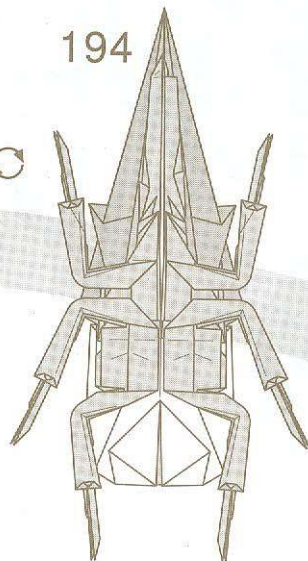


触角のカドを
段折り

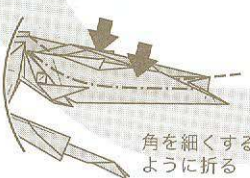
※頭部は胸角の部分に埋まるように調整すると良い。
※角の仕上げで亜種の特定制り分けが出来ます。(ちなみに折り図の作例は、基本はヘラクレス・ヘラクレス、胸角の小さい突起の位置のみリッキーっぽい) 図鑑などを見て挑戦して下さい。



194

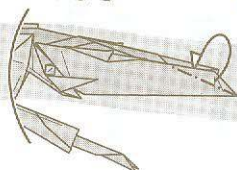


196



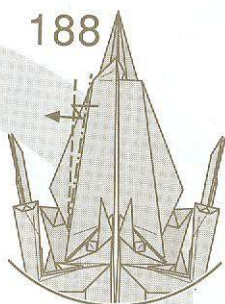
角を細くする
ように折る

195



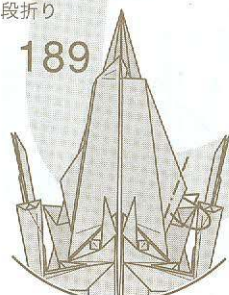
カドを内側へ折り込む

188



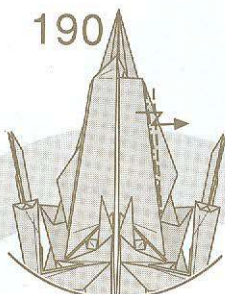
段折り

189



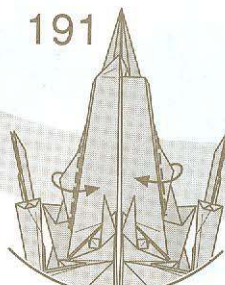
フチを後ろへ折る

190



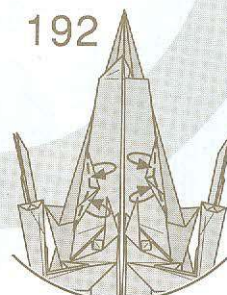
段折り

191



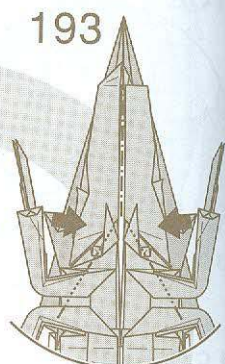
カドをフチのところで折る

192



つまみ折り

193

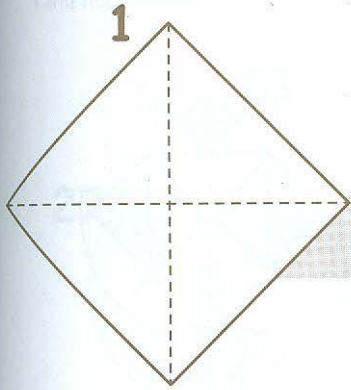
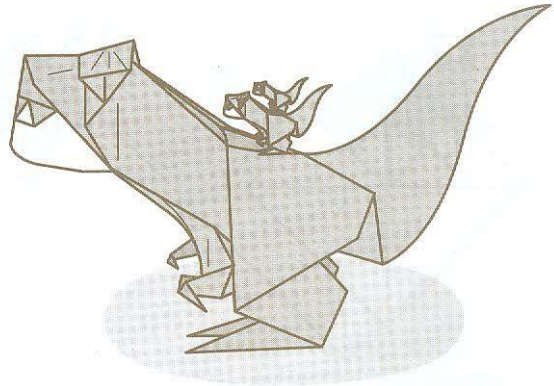


角をつまむように折る

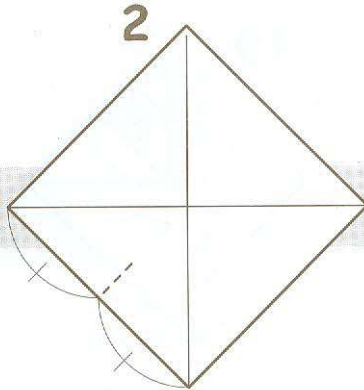
ティラノサウルス

Tyrannosaurus

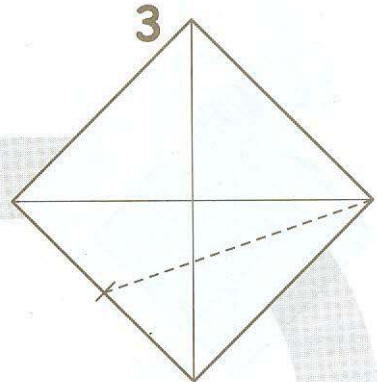
岩佐悠平 Yuhei Iwasa Nov.23,2011



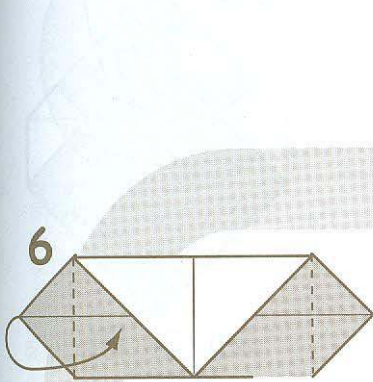
対角線に折り筋をつける



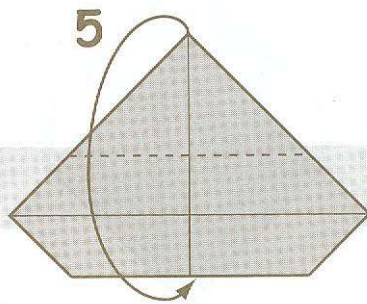
カドを合わせて折り筋をつける



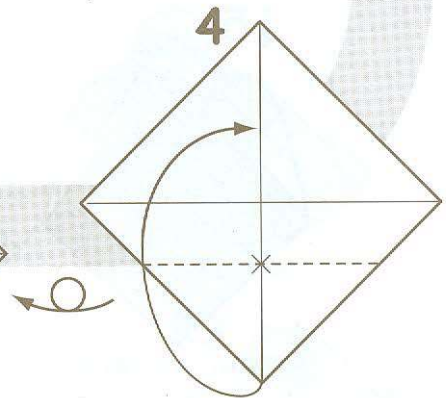
つけた折り筋とカドを結び、
対角線上に印をつける



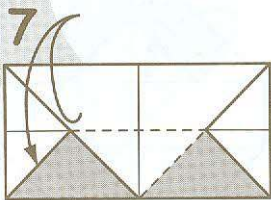
カドをフチに合わせて折る



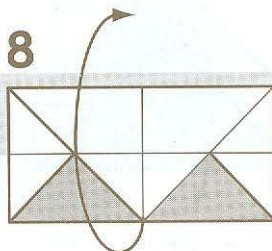
カドをフチに合わせて折る



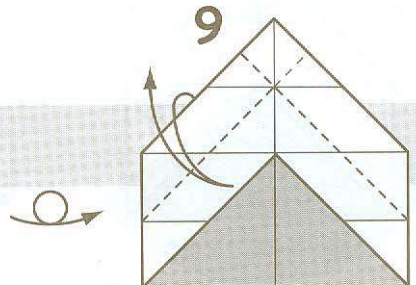
カドを上折り、裏返す



カドをフチに合わせて折り筋をつける

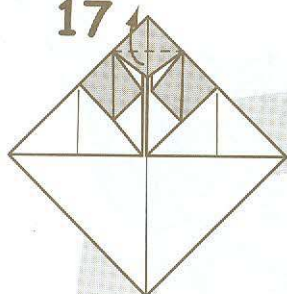


カドを上を開き、裏返す



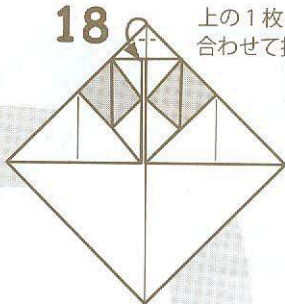
フチに合わせて折り筋をつける

17



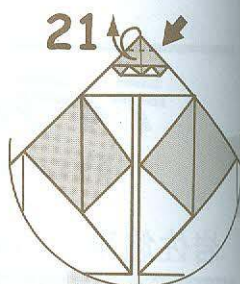
カドを上折る

18



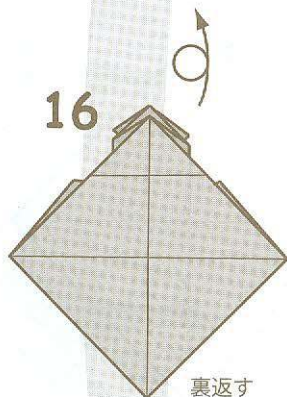
上の1枚を下の方チに合わせて折る

21



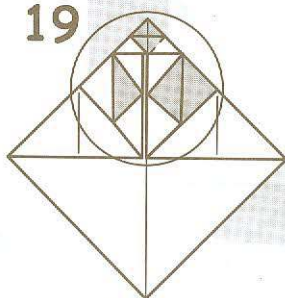
上の1枚に折り筋をつけ、沈め折り(open sink)

16



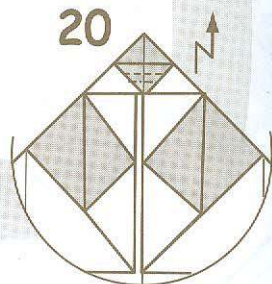
裏返す

19



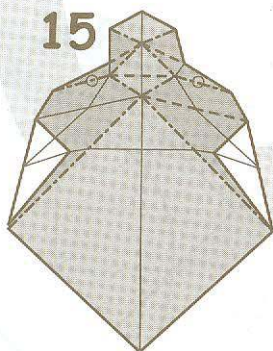
○の中を拡大!!!

20



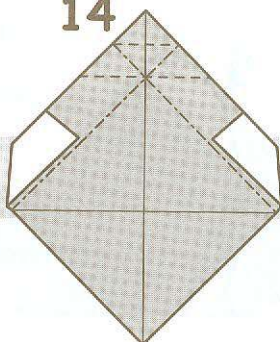
3等分に段折り

15



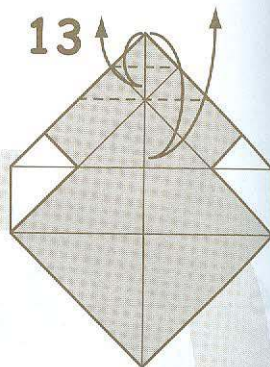
途中図...○の部分に山折りに

14



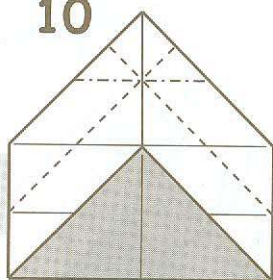
つけた折り筋を使い、裏側を開きながら折る

13



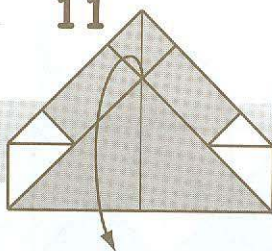
図のように折り筋をつける

10



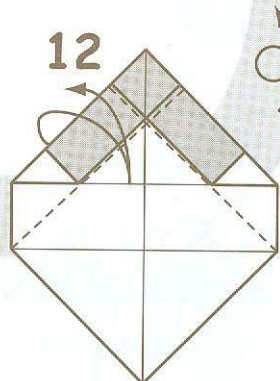
図の折り筋でたたむ

11



カドを下に開く

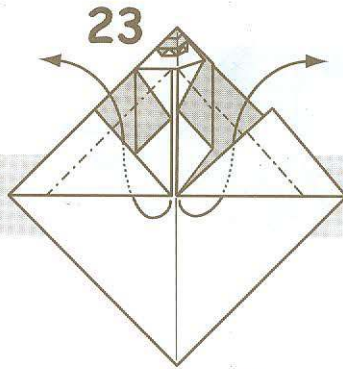
12



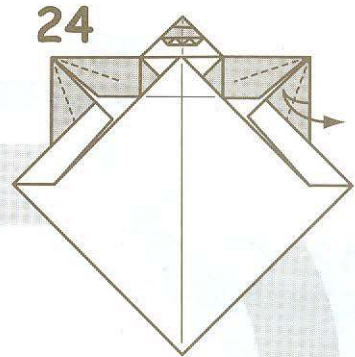
フチに沿って折り筋をつけ、裏返す



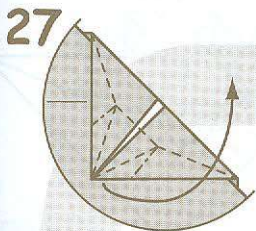
フチにそって折り筋をつける



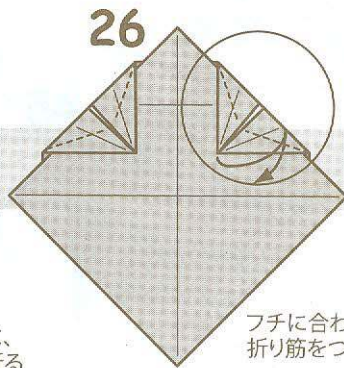
つけた折り筋をもとに中割り折り



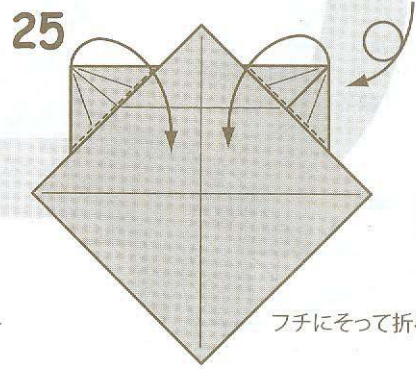
フチに合わせて折り筋をつけ、裏返す



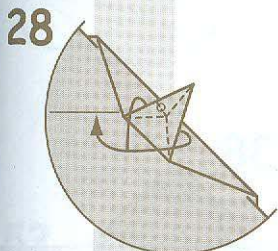
つけた折り筋をもとに、引き寄せるように折る



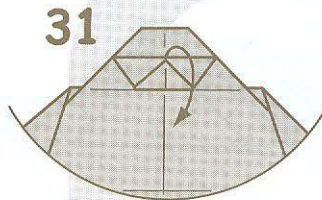
フチに合わせて折り筋をつける



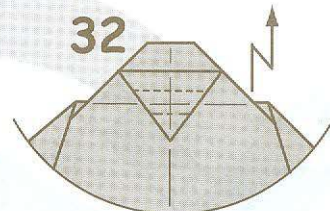
フチにそって折る



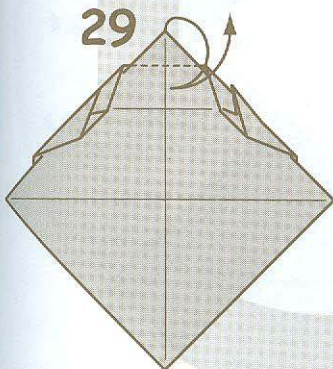
図の折り筋でつまむように折る(○は山折り)
反対側も同じように折る



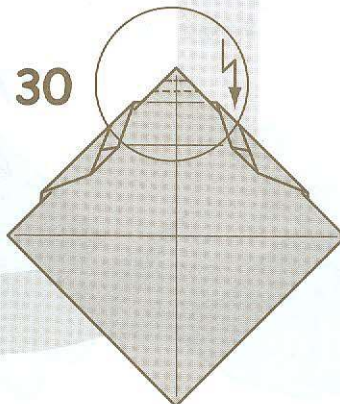
上の1枚を下に折る



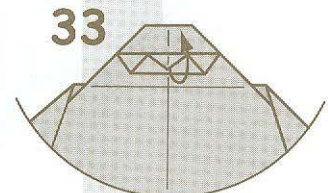
3等分に段折り



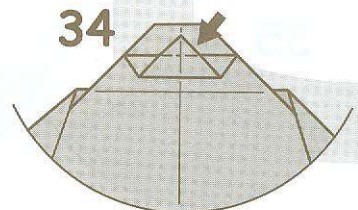
上の1枚に折れるところ
ギリギリで折り筋をつける



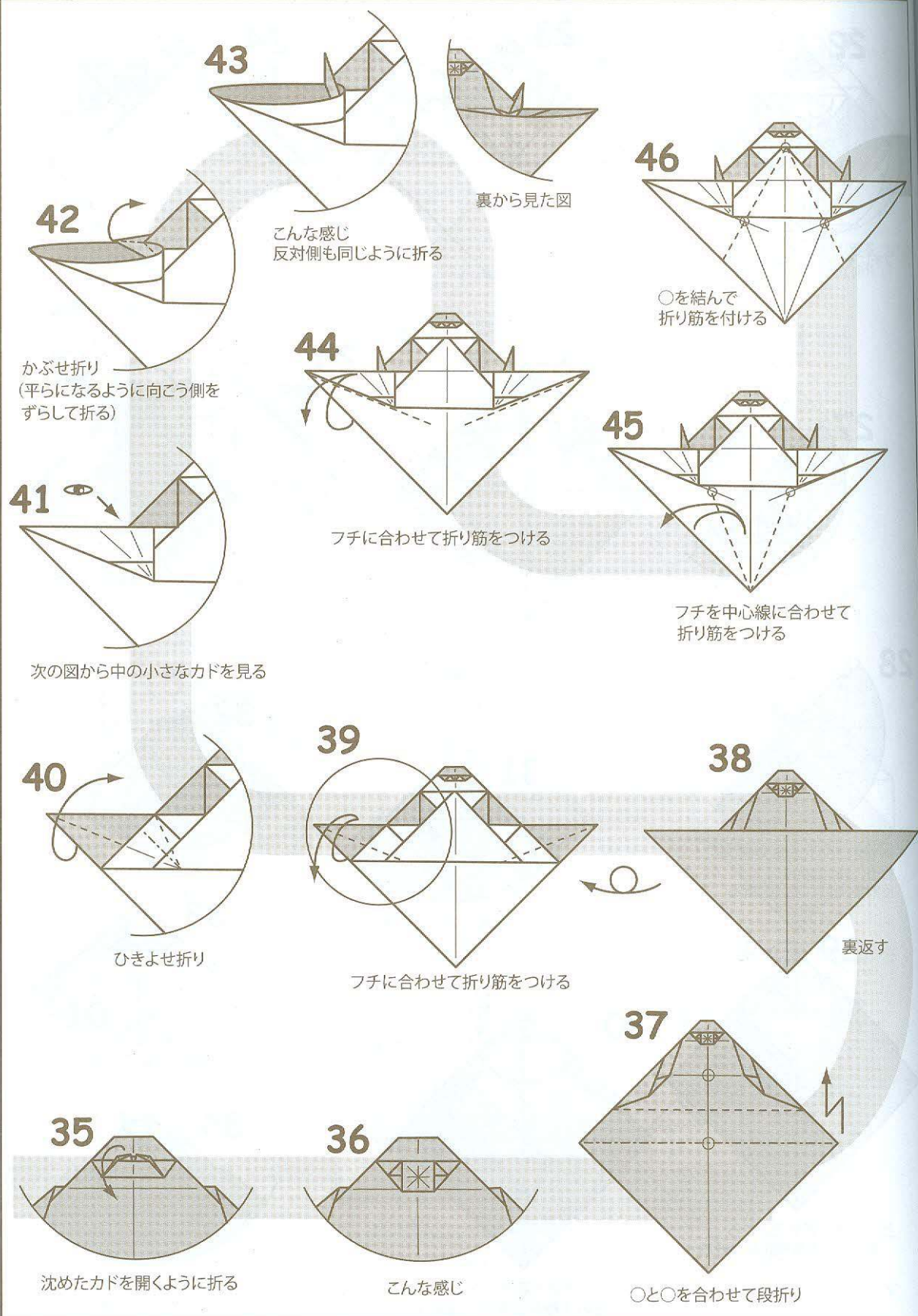
つけた折り筋をつかい、
上の1枚を3等分に段折り



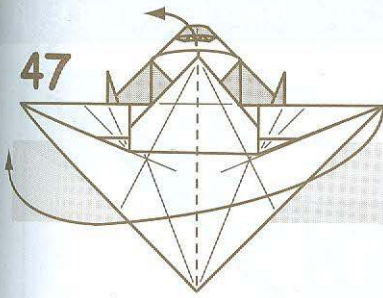
折り筋をつけ、カドを上に戻す



つけた折り筋をつかい、
カドを沈め折り(open sink)

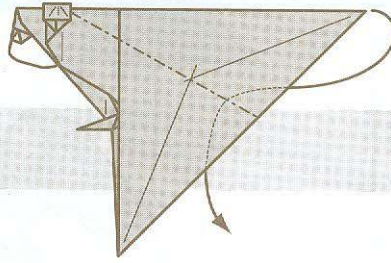


47



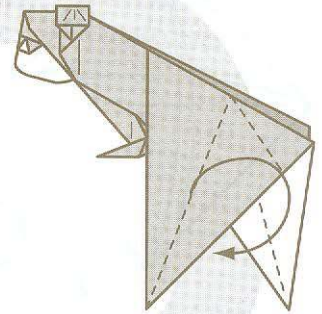
アゴを引き出しながら、
半分に折る

48



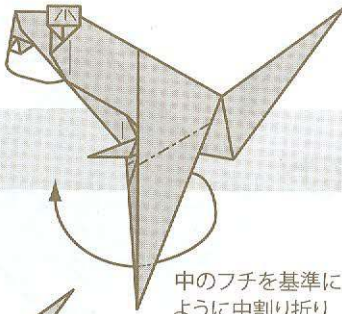
46でつけた折り筋を使い中割り折り

49



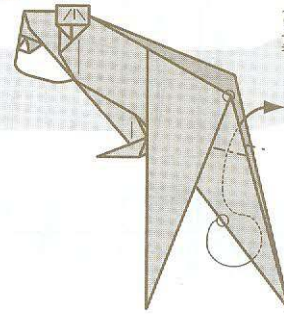
ひきよせ折り
裏側も同じように折る

51



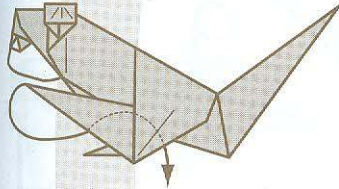
中のフチを基準に図の
ように中割り折り
反対側も同じように折る

50



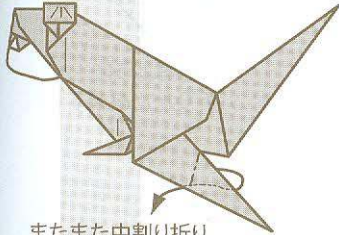
○と○を合わせて中割り折り

52



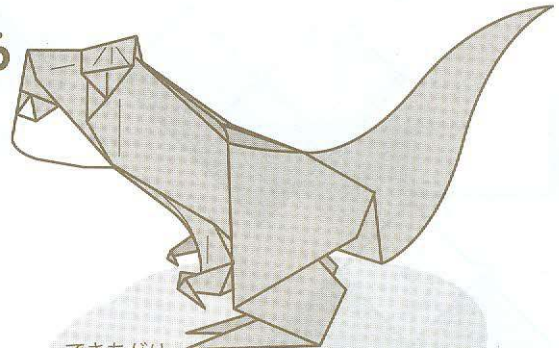
さらに中割り折り
(基準はなく、線は目安)
反対側も同じように折る

53



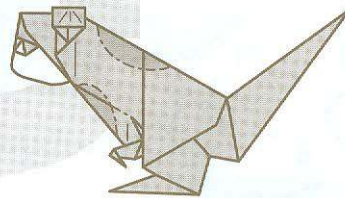
またまた中割り折り
反対側も同じように折る

56



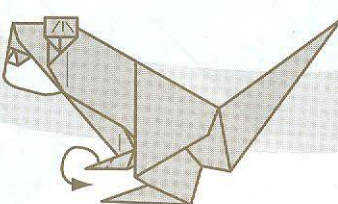
できあがり。
あとは自由に仕上げてください

55



各部を立体的にする

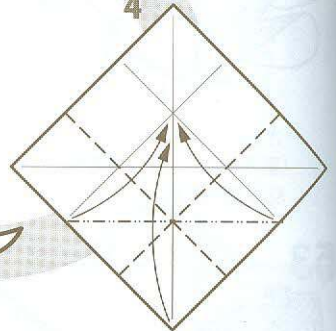
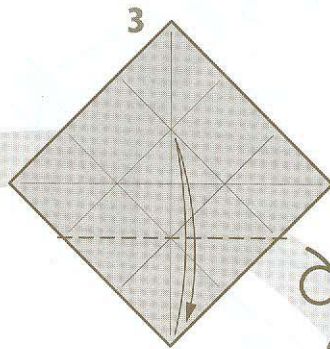
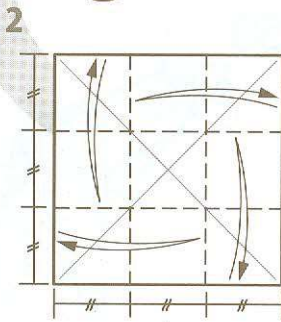
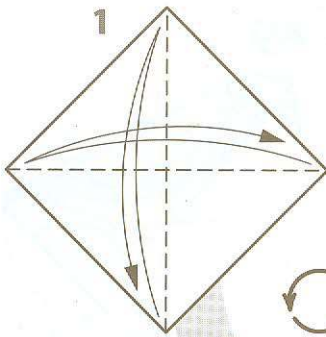
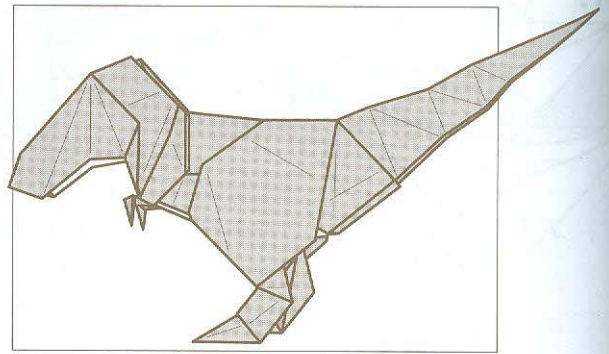
54



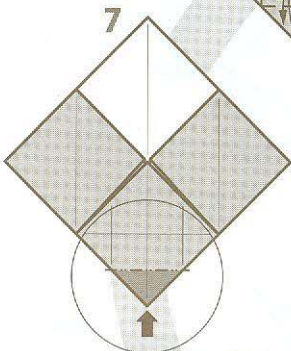
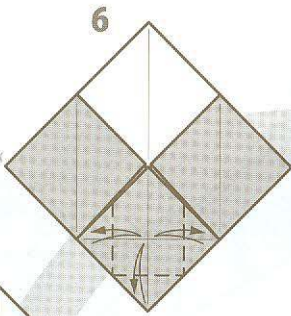
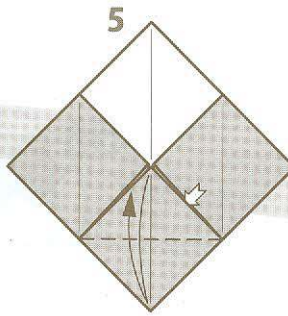
腕をかぶせ折り
反対側も同じように折る

ティラノサウルス

創作・折り図：青木 良



よせるように
折りたたみます



■の部分
押しこみます

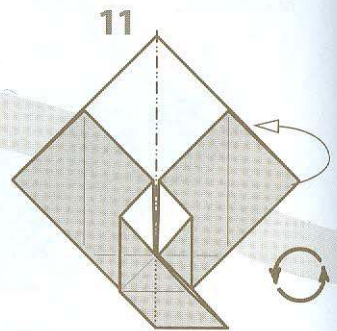


8

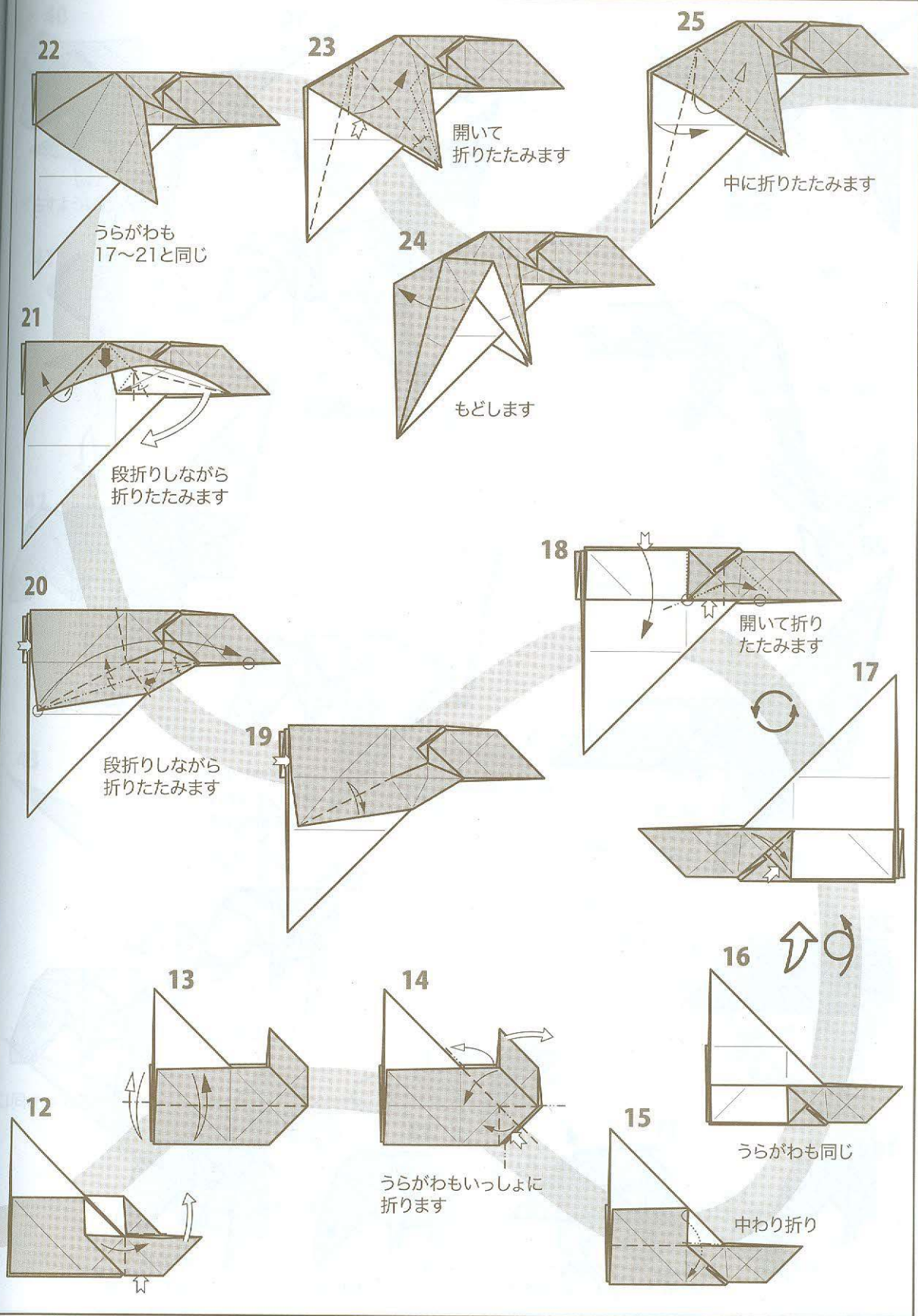


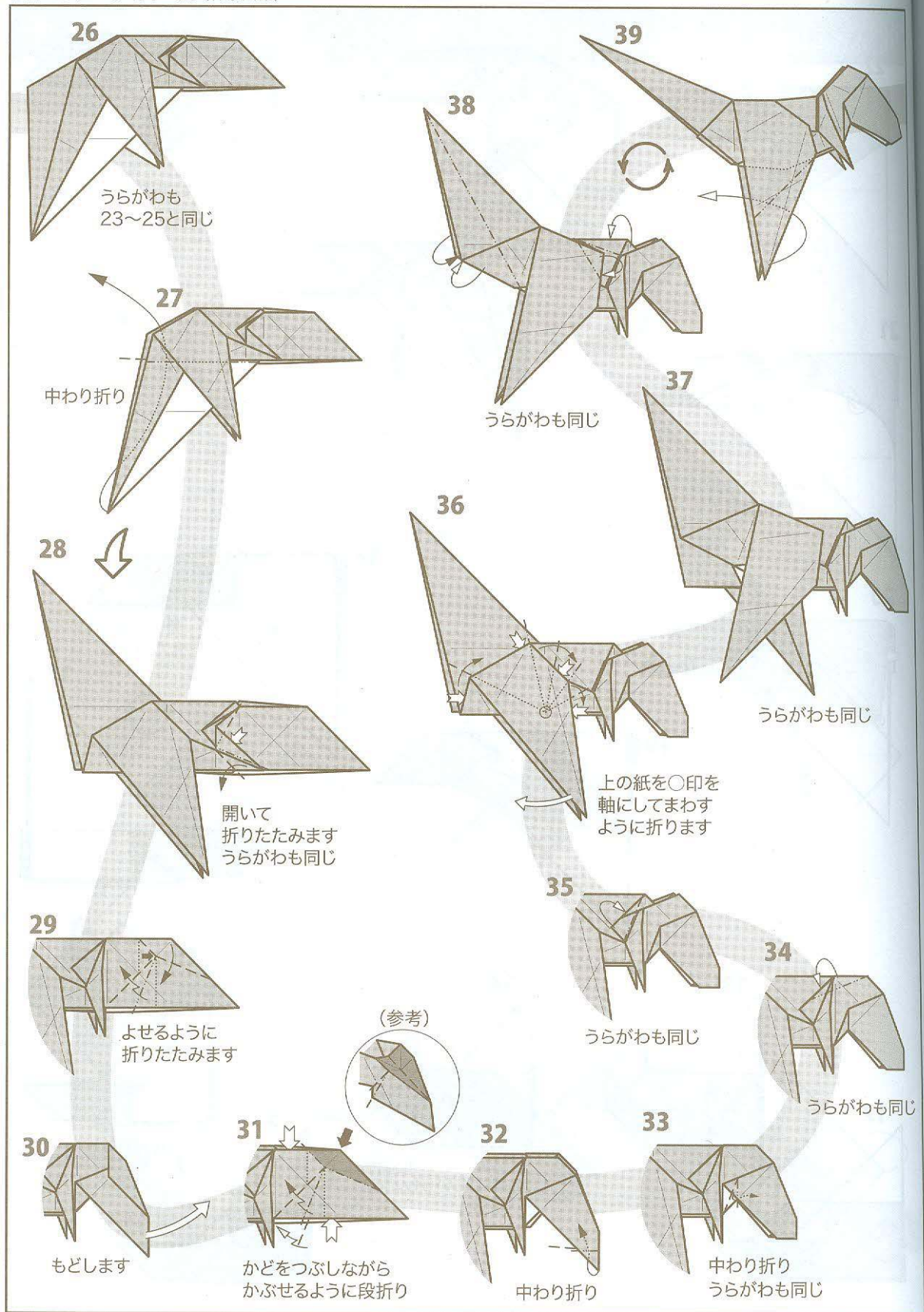
10

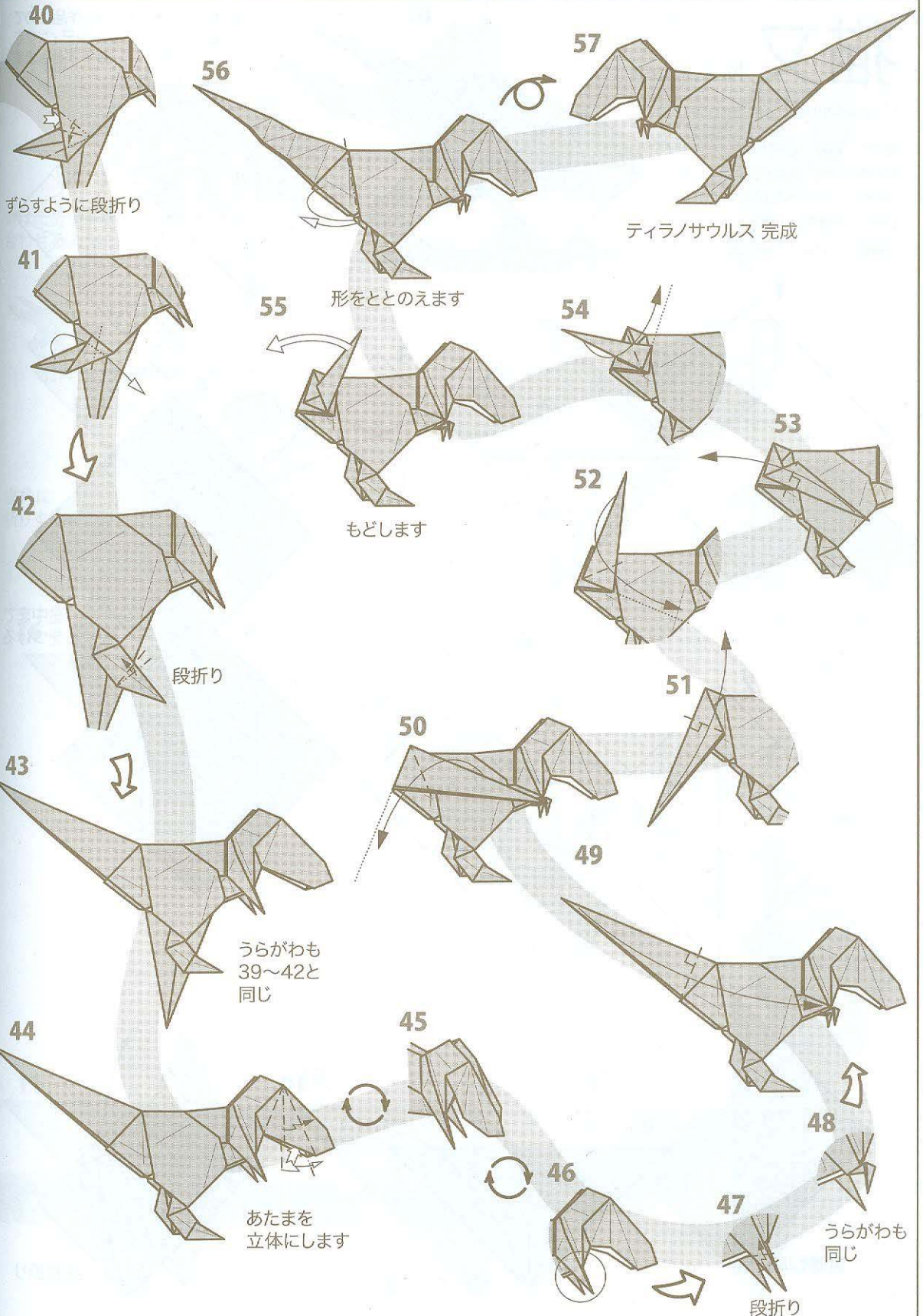
つまむように
折りたたみます



11







猫又

Nekomata

(Two-tailed Cat Demon)

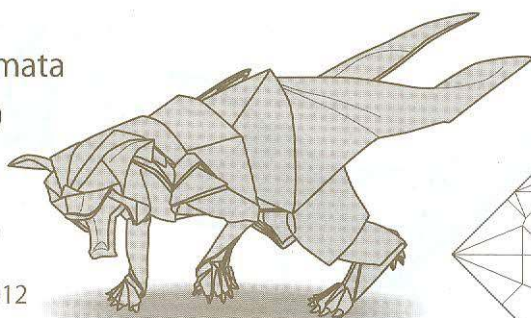
創作・作図：柏村卓朗

Model and Diagrams

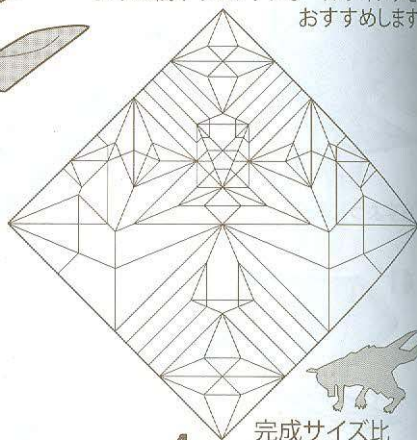
by KASHIWAMURA Takuro

Designed: May 2012

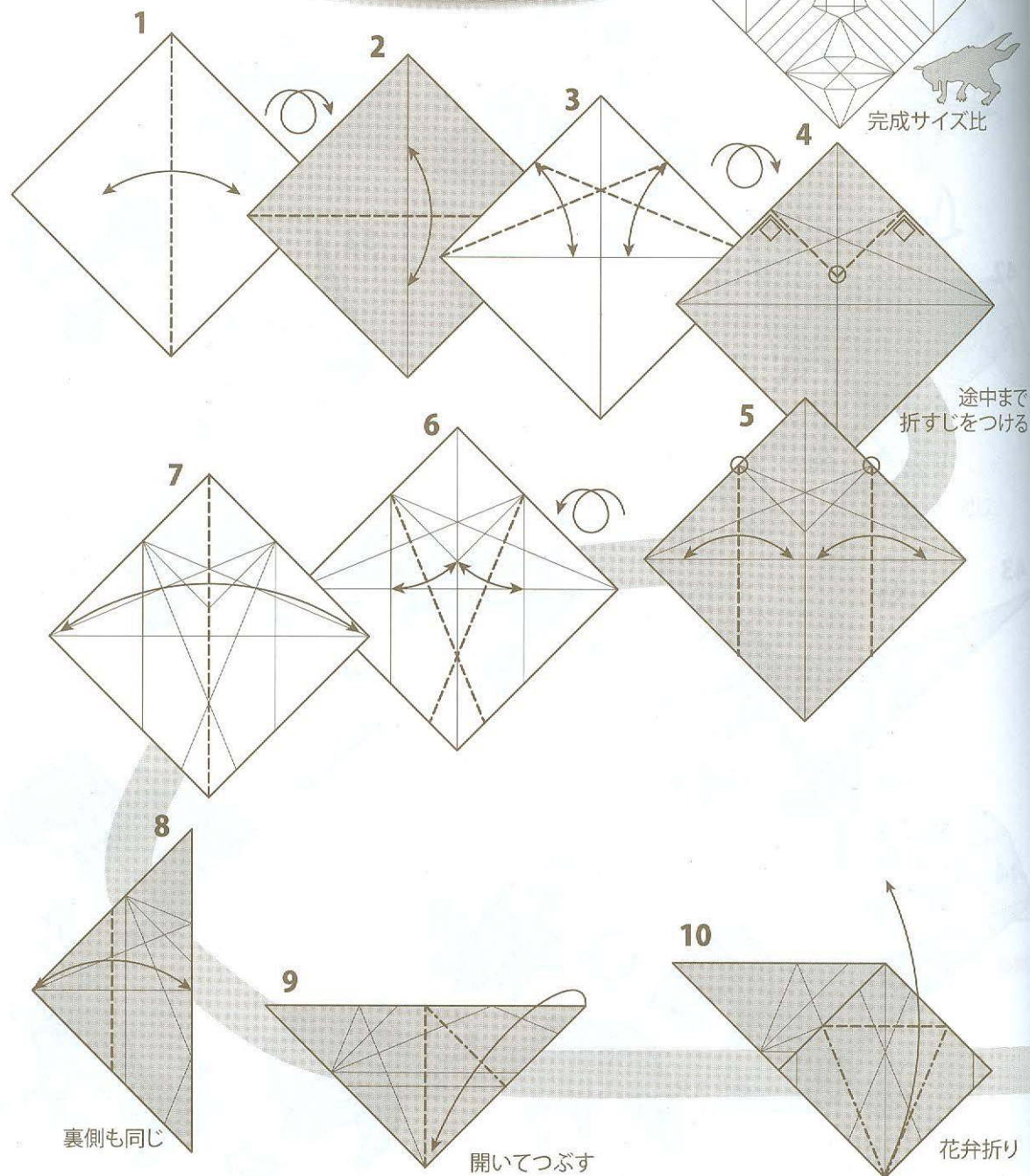
Diagrammed: May/June 2012

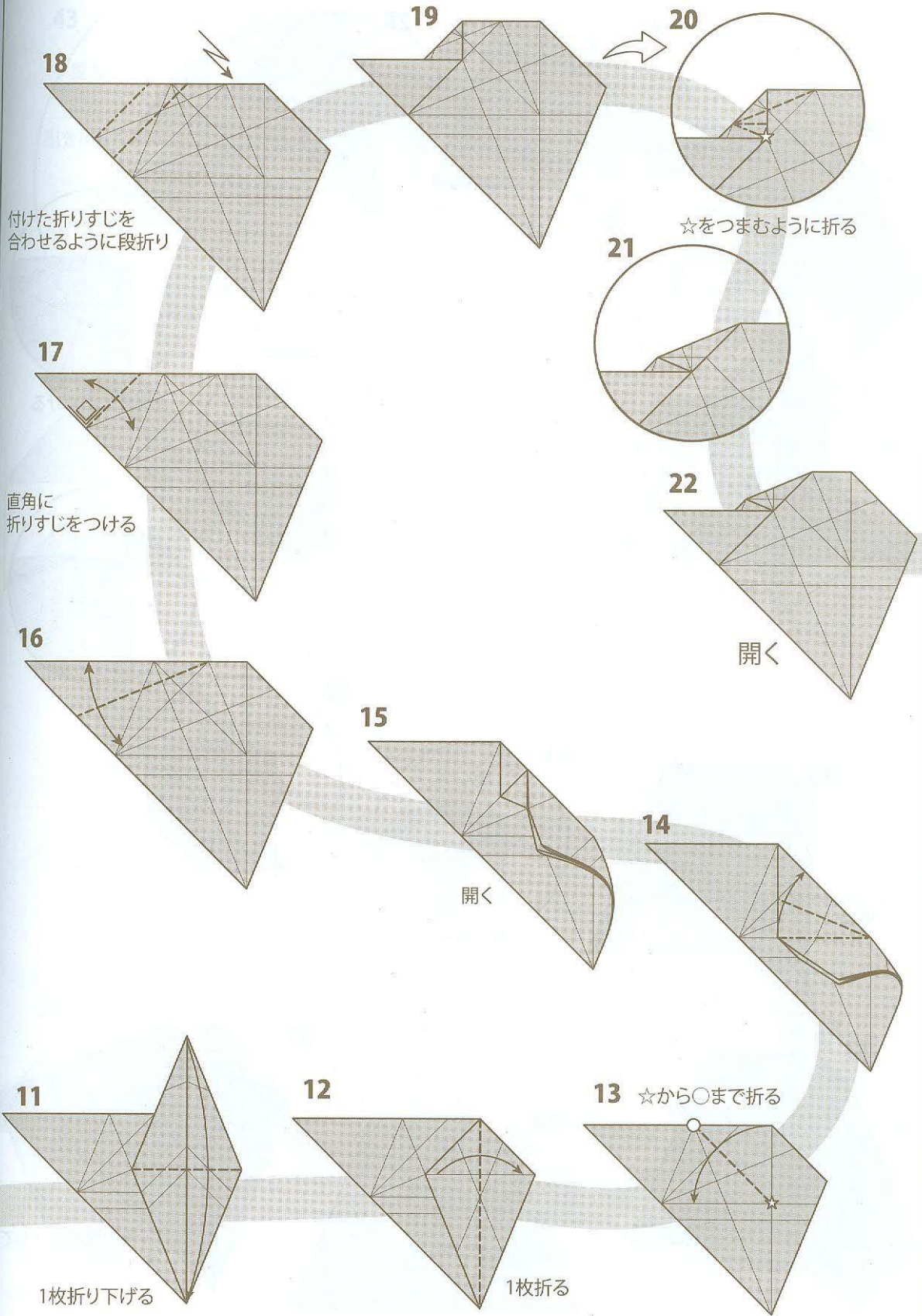


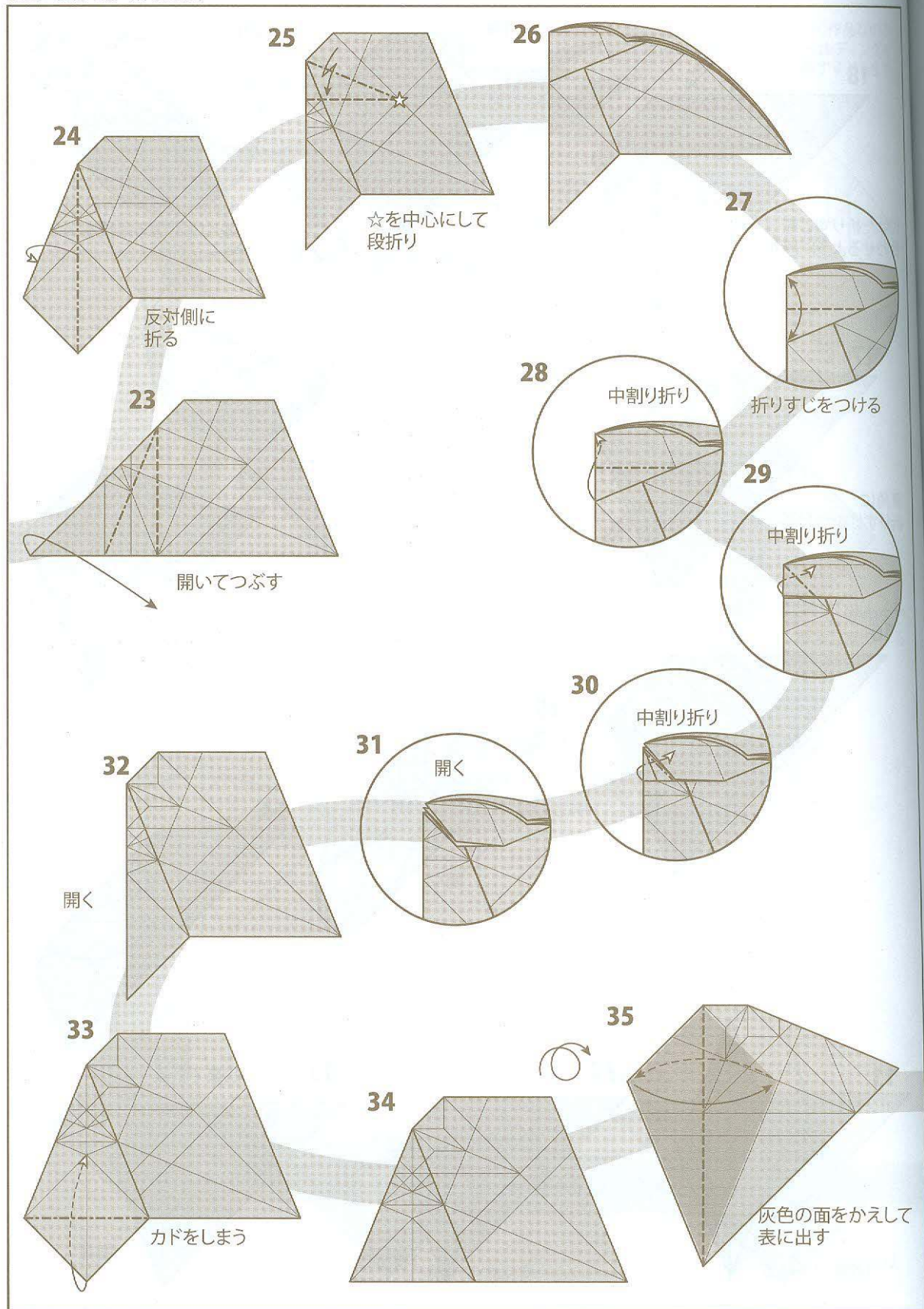
基本形を仕上げていく作品なので
ホイル紙やウェットフォールディングを
おすすめします



完成サイズ比





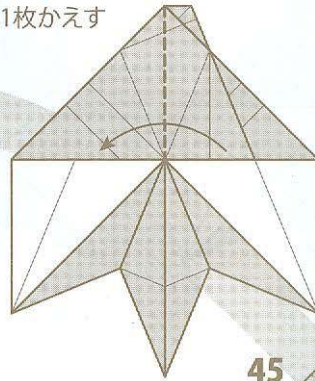


43

重なっていたカド
引き出したカド

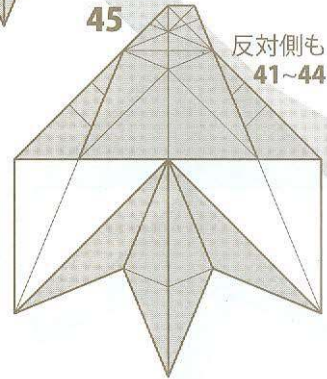
44

1枚かえす



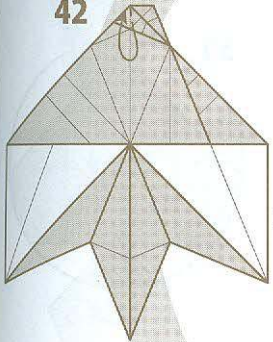
45

反対側も
41~44



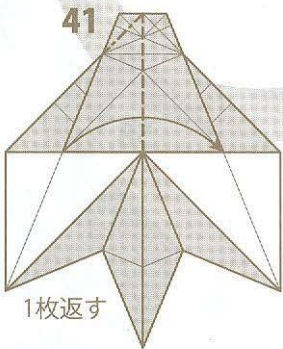
42

引き出したカドを
重なっていたカドに
合わせるように折りたたむ



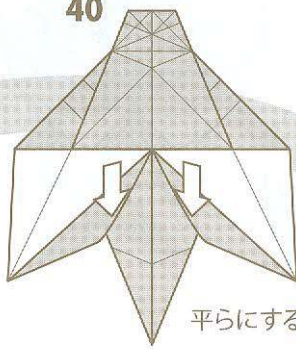
中にしまわれている
カドを引き出す
次の図を参照

41



1枚返す

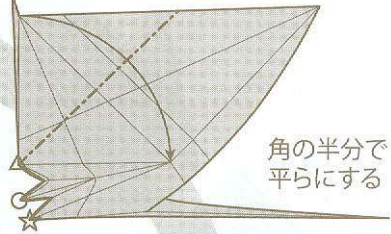
40



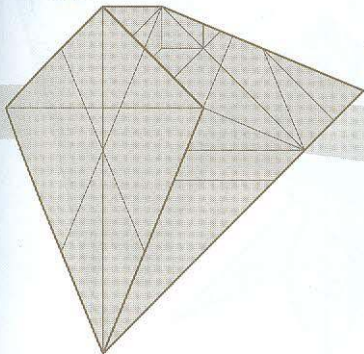
平らにする

39

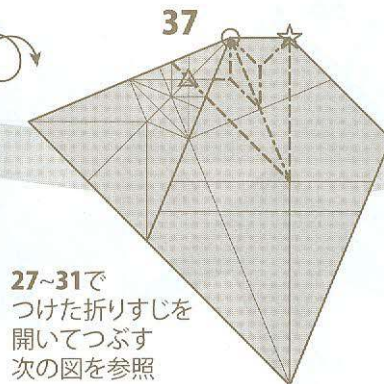
角の半分で
平らにする



36

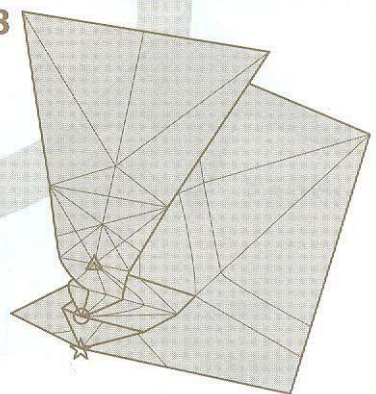


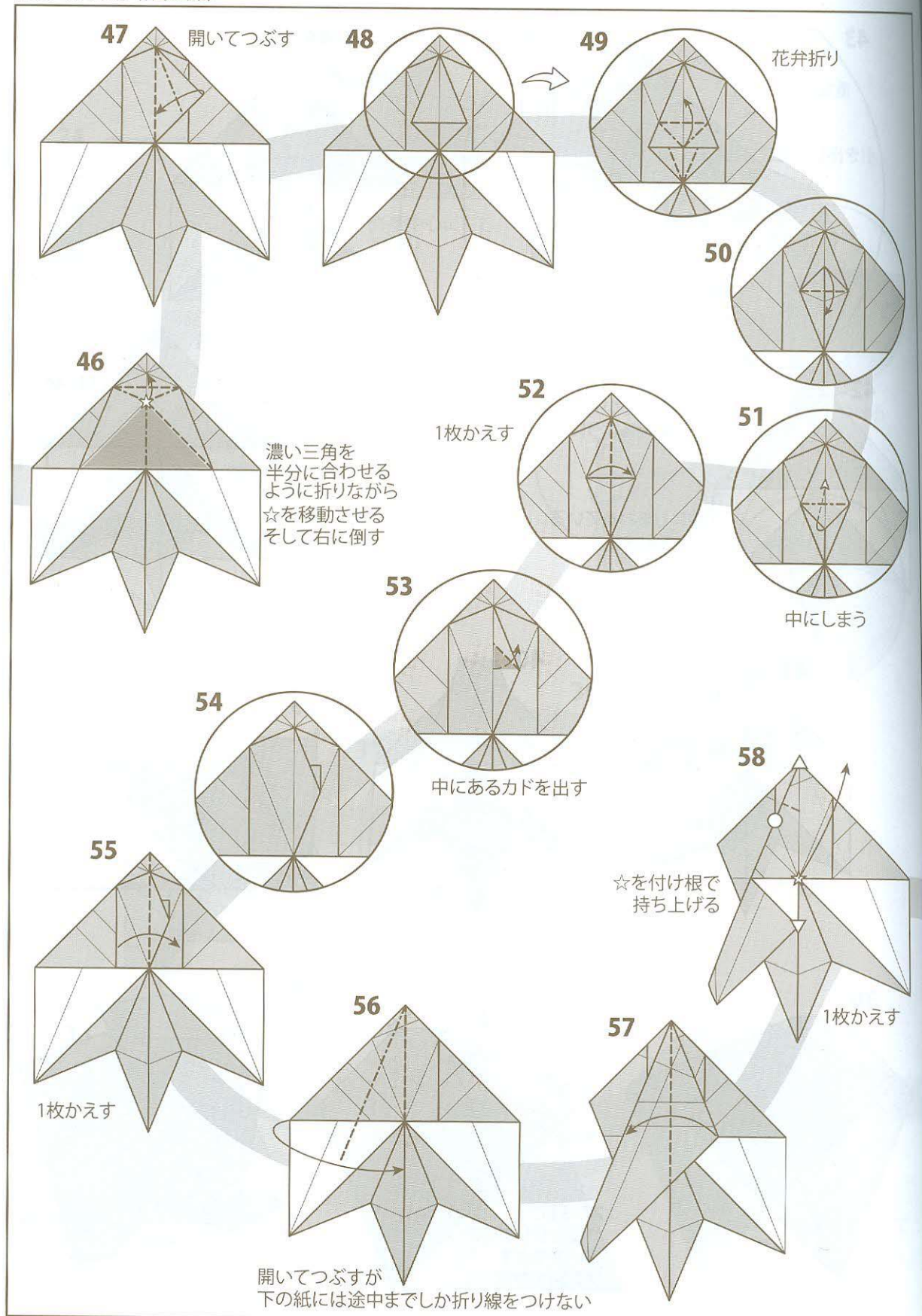
37

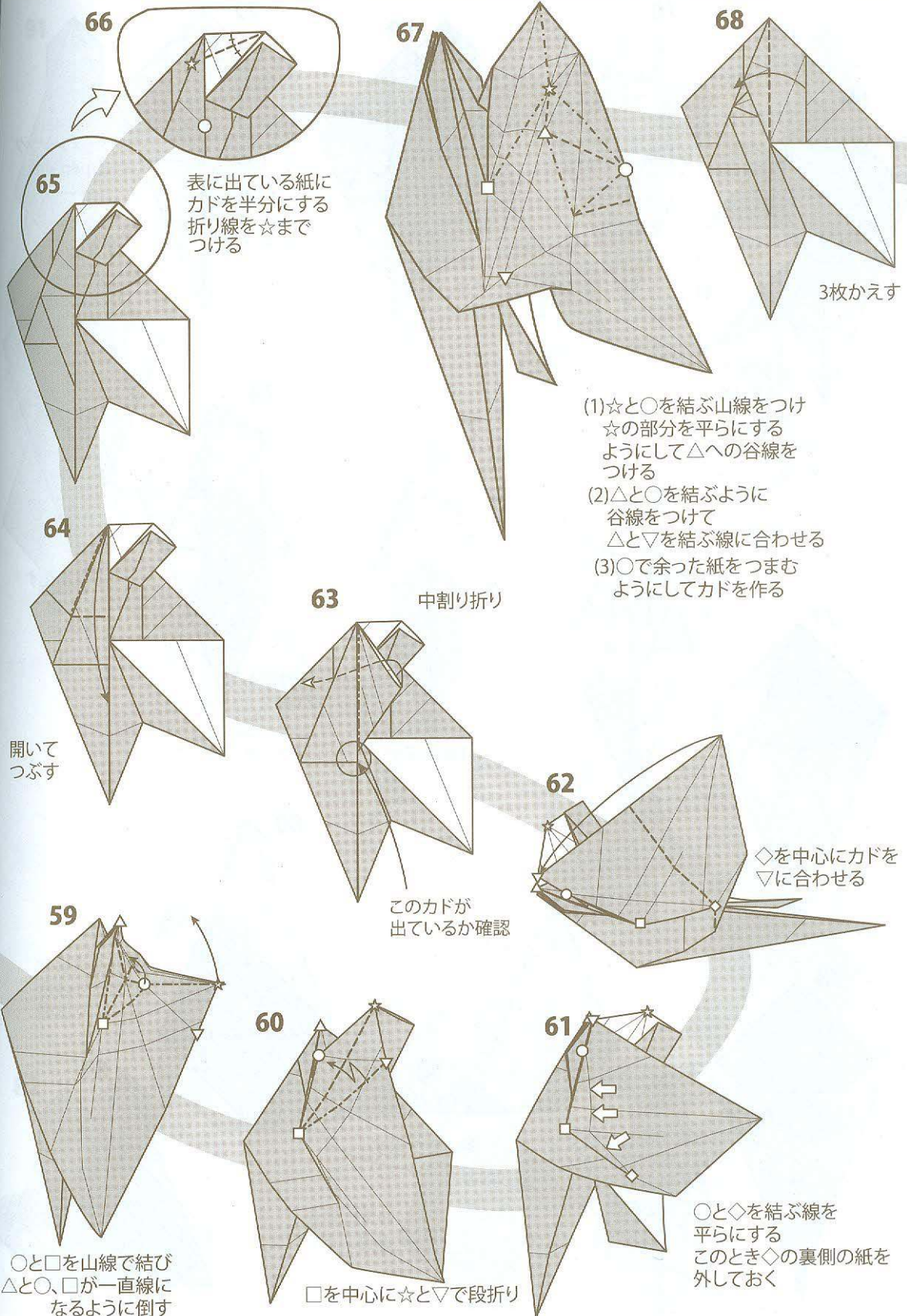


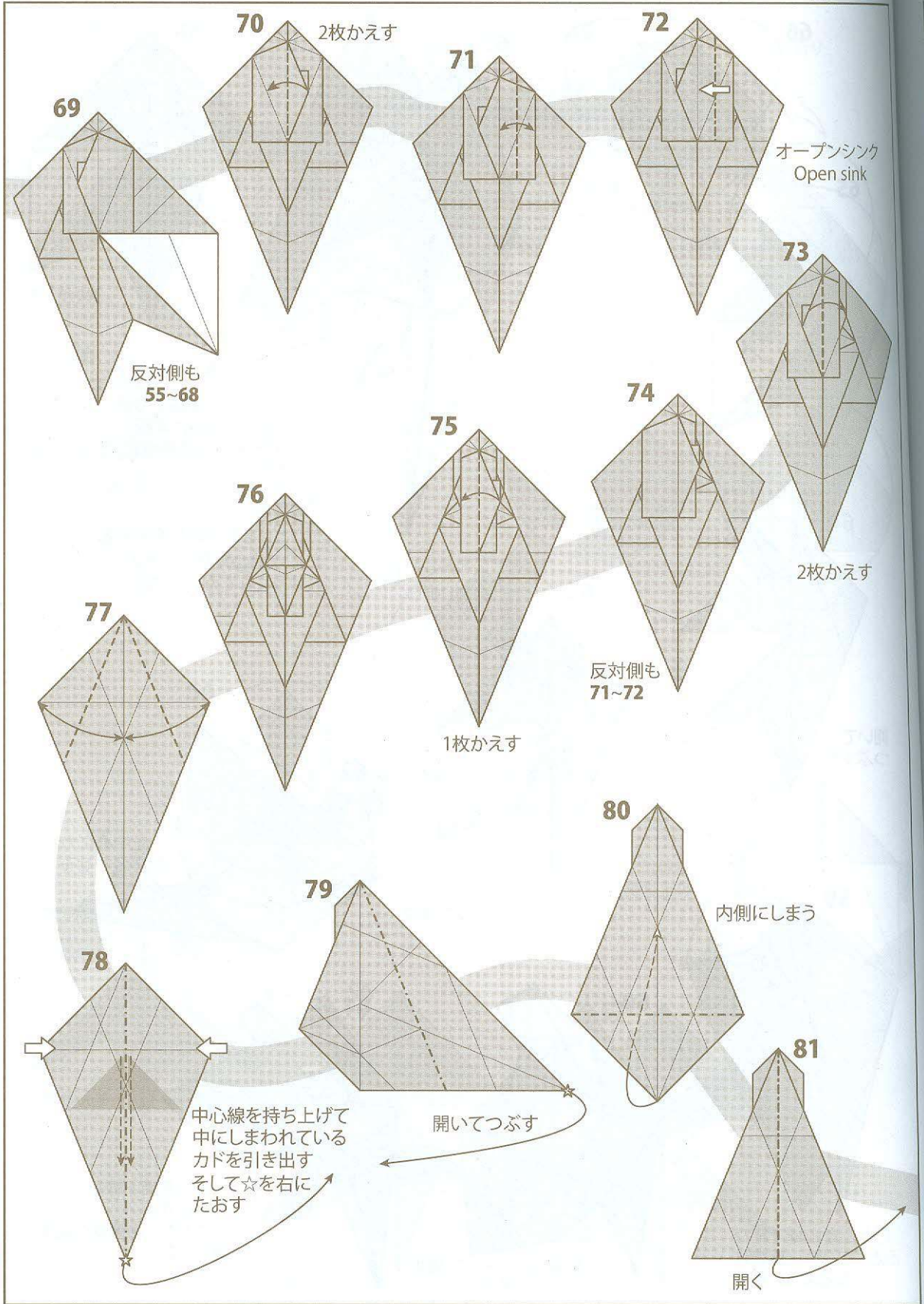
27~31で
つけた折りすじを
開いてつぶす
次の図を参照

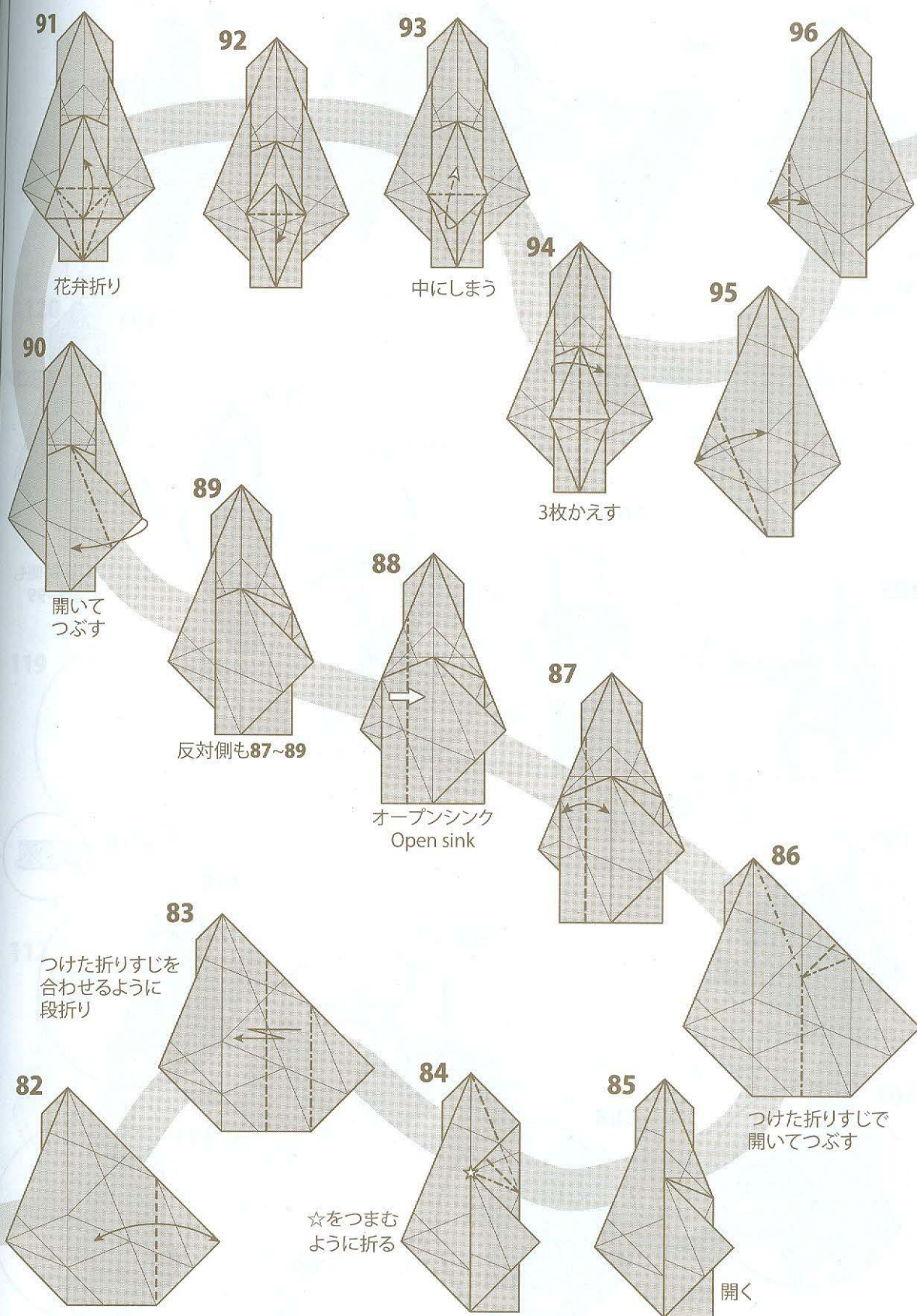
38

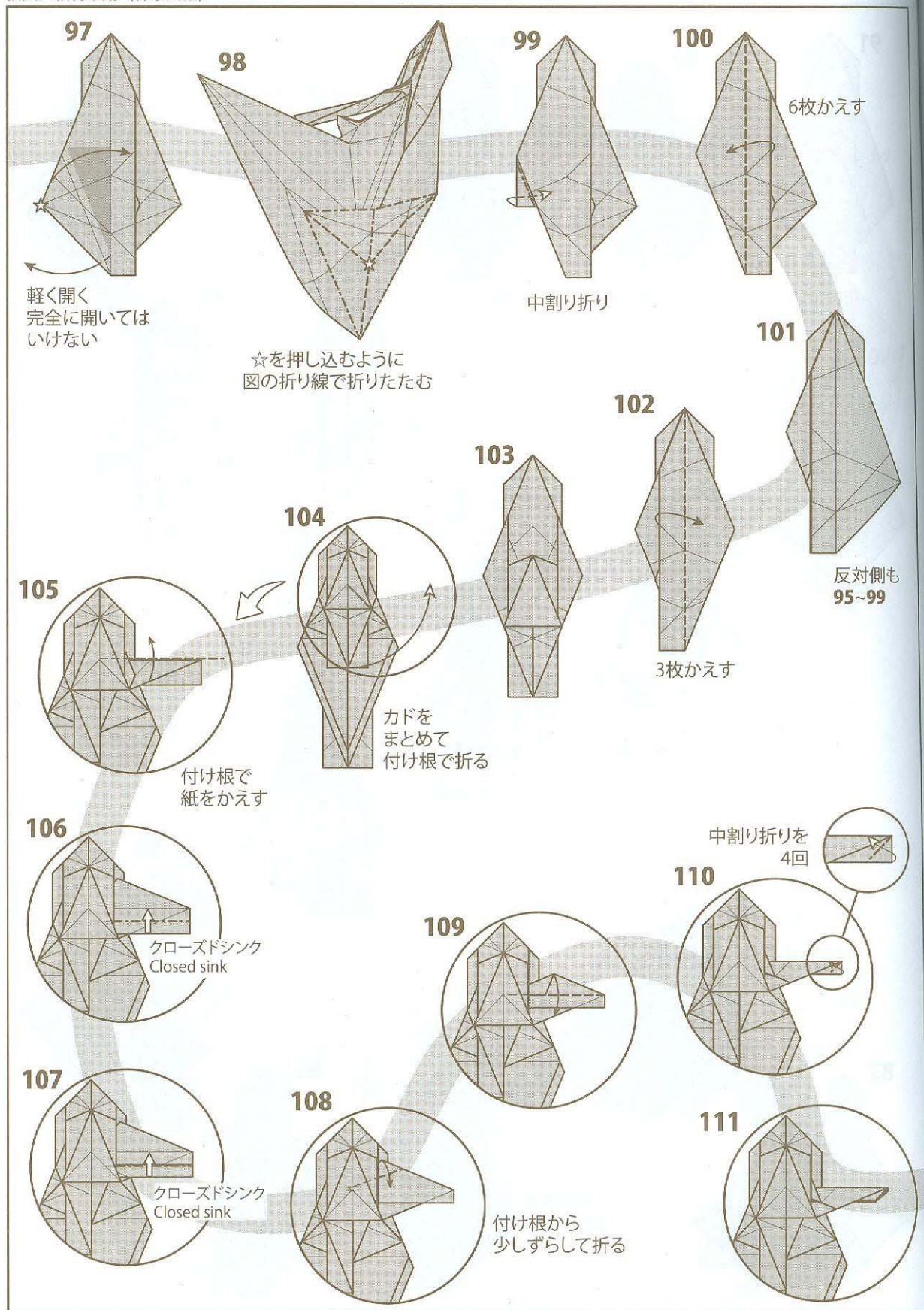


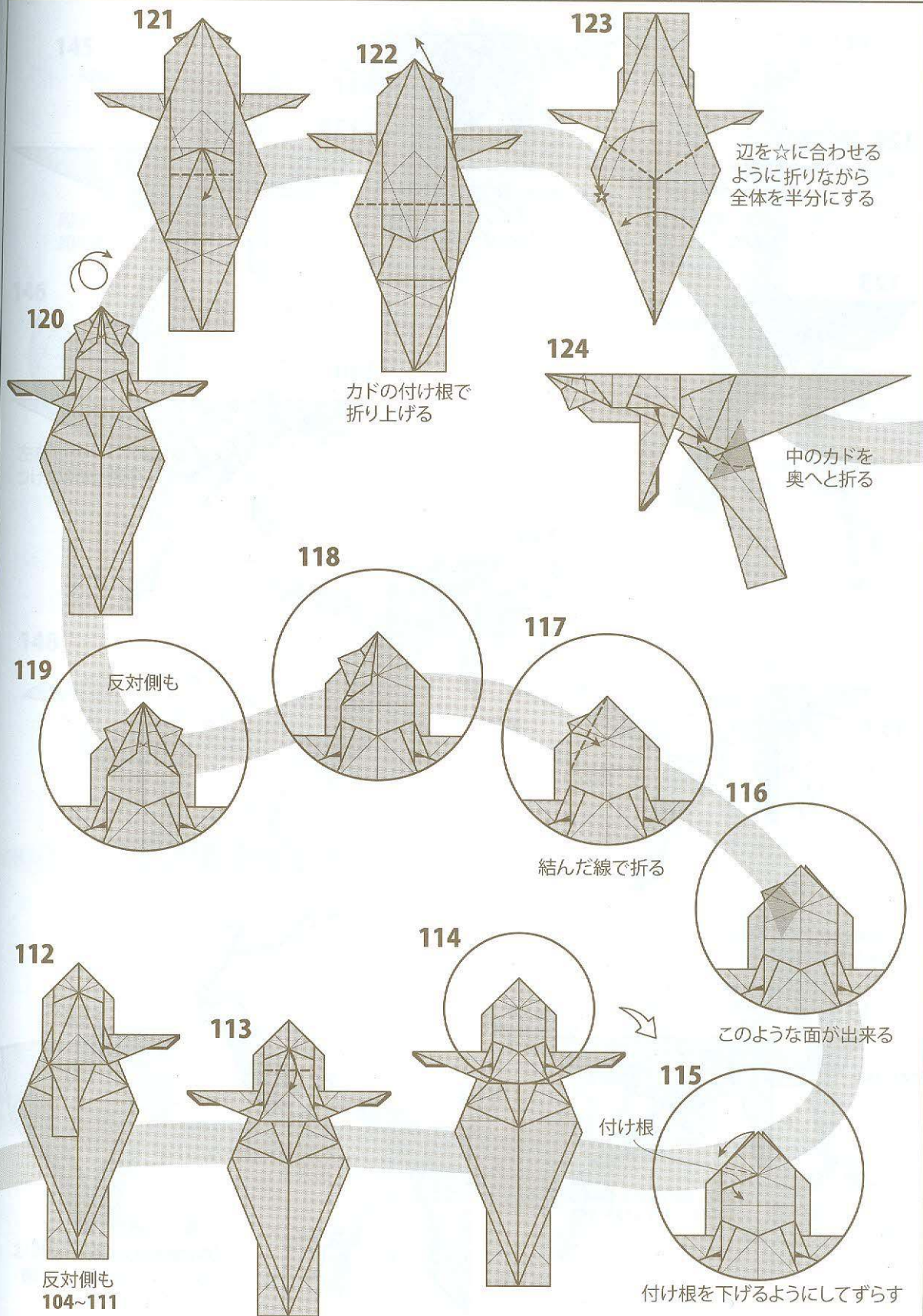












127 (模式図)

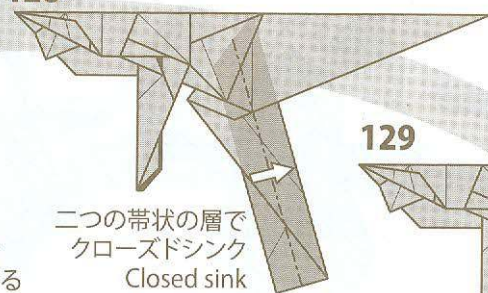


126 (模式図)



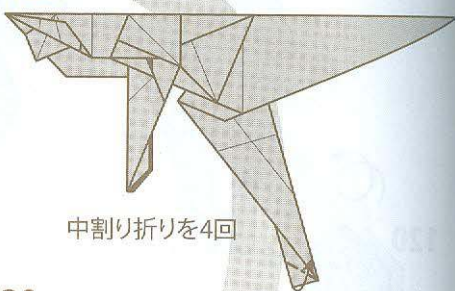
ひだの重なりを
ひだごとに分ける

128



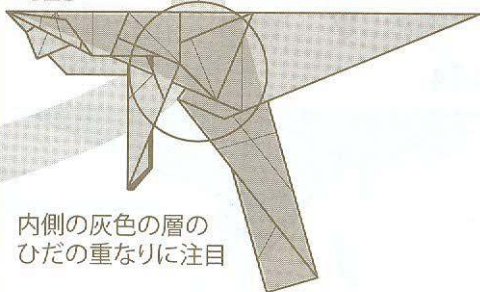
二つの帯状の層で
クローズドシンク
Closed sink

129



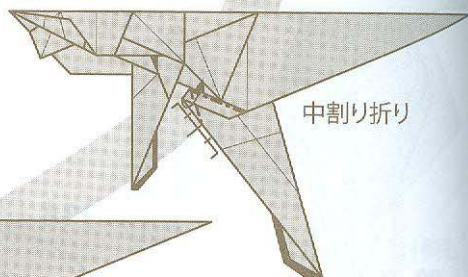
中割り折りを4回

125



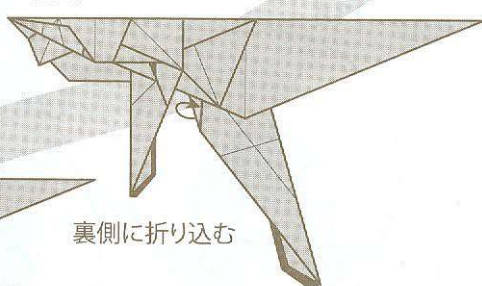
内側の灰色の層の
ひだの重なり注目

130



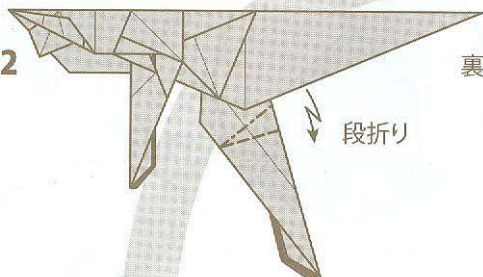
中割り折り

131



裏側に折り込む

132



段折り

*以降は仕上げの作業となります
図を参考に自由に仕上げて下さい

133

首をまとめて段折りし
ポーズをとらせても良い

尻尾は146,147

頭は
143~145

前足は
134~138

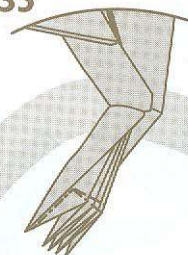
後足は図の関節を参考に仕上げる
指の仕上げ方は139~142

134



立体化しながら
段折り

135



まとめて半分に折る
付け根に小さなカドが
出来る

136



一番上の紙を
かぶせ折り内側から3枚は
広げる付け根のカドを層
ごとに分けると良い

145

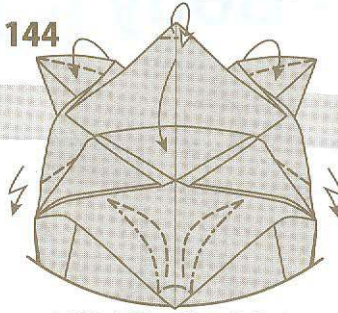
軽く中割折りをし
耳をつくる



段折り
顔の輪郭をつくる

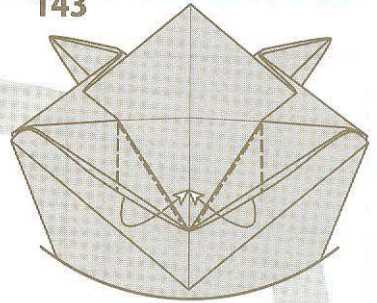
144

折り返して鼻をつくり
全体を下げて顔をつくる



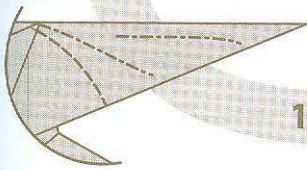
カドを細めてあごを作る
あごが短くなりやすいので引き出す

143



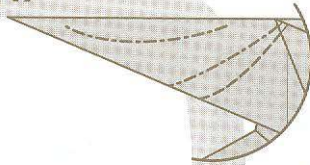
内側に紙をしまいこむように
舌をつくる

146

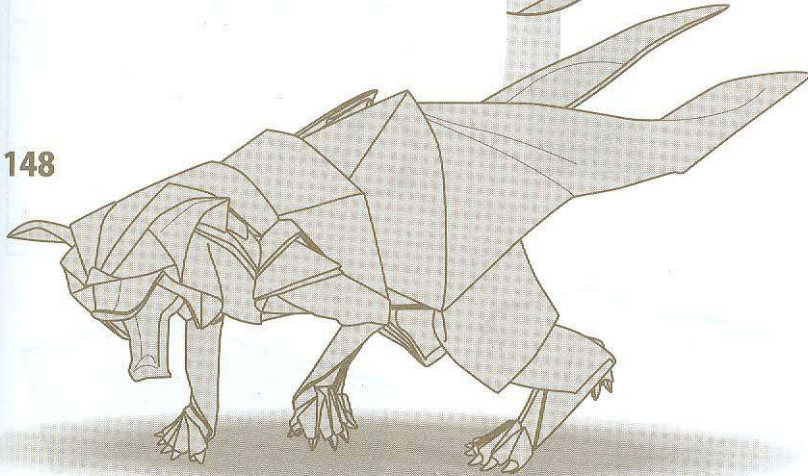


左右で別々の折すじを
つけて尻尾を振り分ける

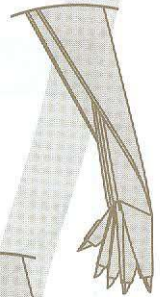
147



148



142



141



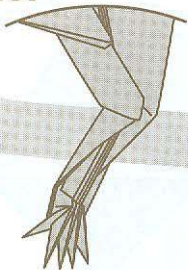
余裕があれば爪を
つくる

140



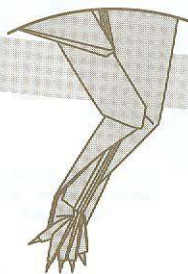
カドを広げる
付け根のカドを
層ごとに分けると良い

137

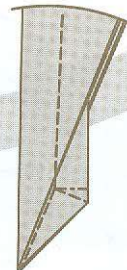


余裕があれば段折り
で爪をつくる

138



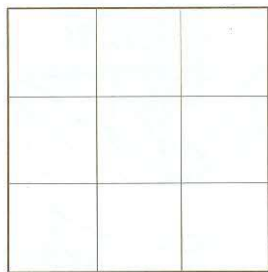
139(裏側から見た図)



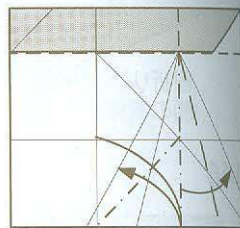
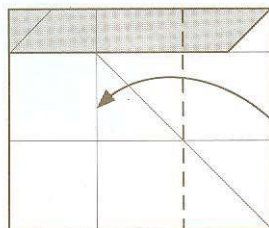
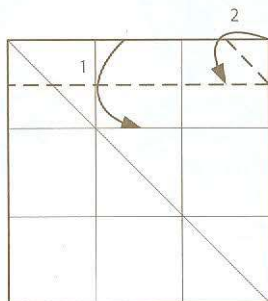
まとめて半分に折る
付け根に小さなカドが出る

Shield Box - Body

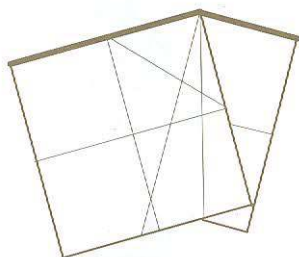
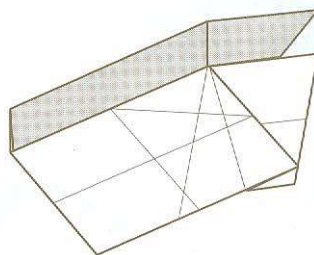
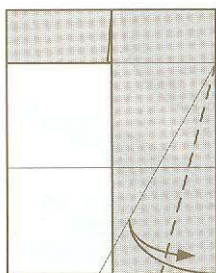
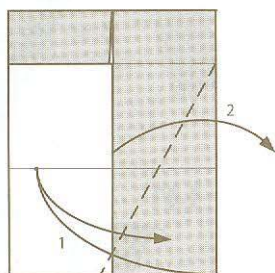
Model and Diagrams by Dennis Walker



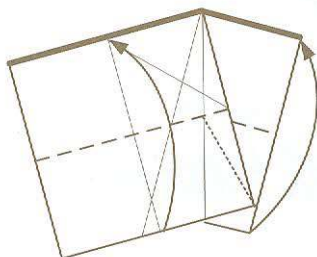
Thirds



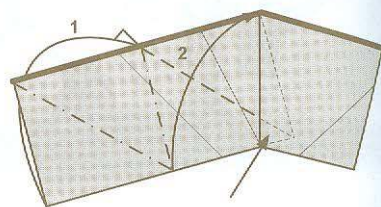
Precrease the small diagonal then form the pleat. Model becomes 3D



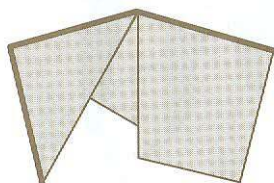
Shown from above



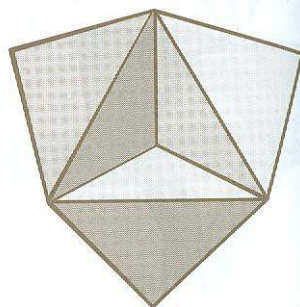
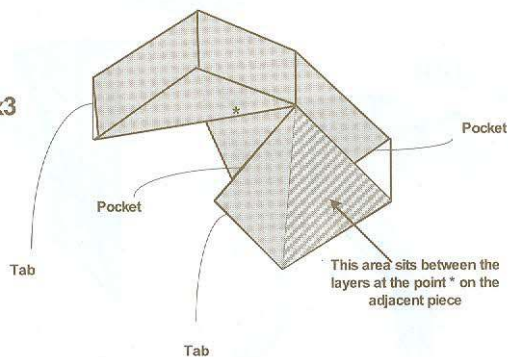
Shield Box - Body: Page 1/2



Fold 2 tucks into this pocket.



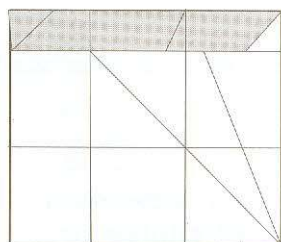
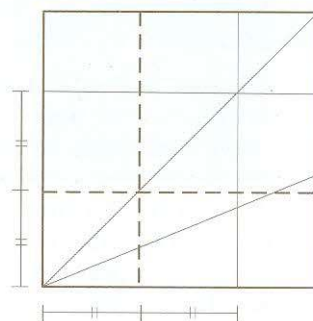
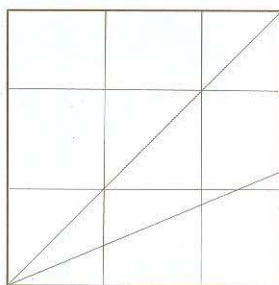
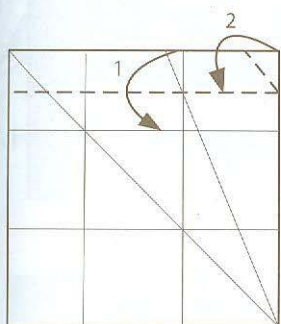
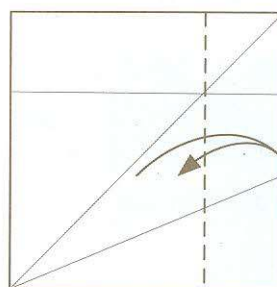
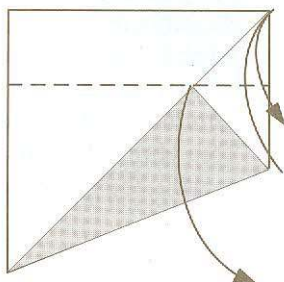
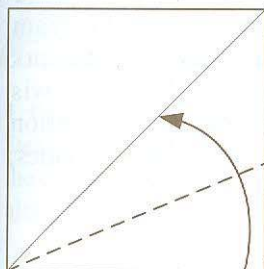
x3



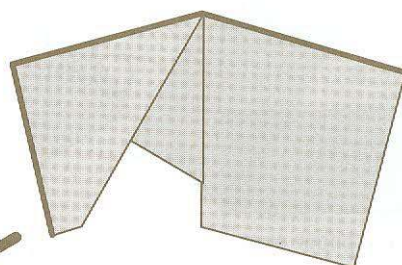
Assembled. View from above

Shield Box - Lid

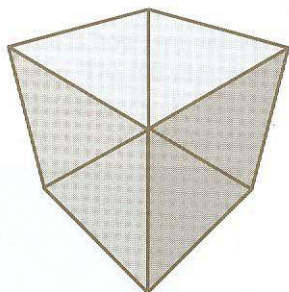
Model and Diagrams by Dennis Walker



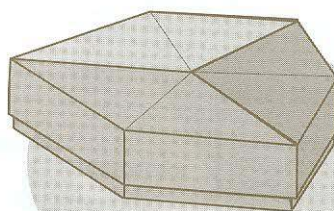
Continue as for the body.



Assemble as for body



View from above

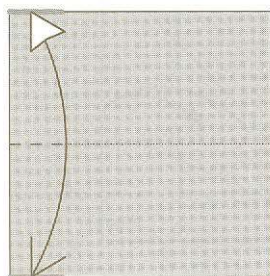


DeZZ Unit

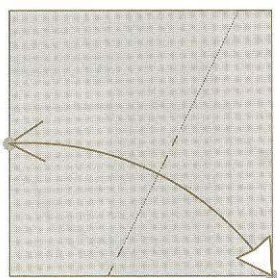
Copyright ©2012

by Robert J. Lang

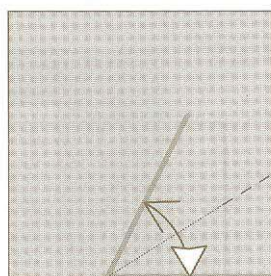
This is actually several units in one: a **Deltahedron Zig-Zag** unit, which can be used to fold any deltahedron (any polyhedron whose faces are equilateral triangles). A variation of the unit lets you fold a twisted-hole cube; another variation works for any deltahedrally elevated polyhedron; another variation folds a rhomboidal polyhedron that is the Wolfram Alpha logo. The units draw upon concepts identified and explored by Bob Neale, Lewis Simon, and Mitsunobu Sonobe, not to mention Tom Hull's famous PHiZZ unit, which provides, as well, the rationale for this module's name.



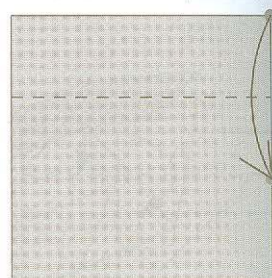
1. Begin with a square, colored side up. Fold in half vertically and unfold, making a pinch at the left.



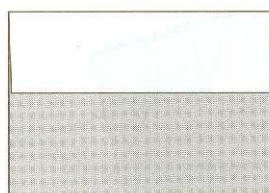
2. Fold the bottom left corner to the mark you just made, creasing as lightly as possible.



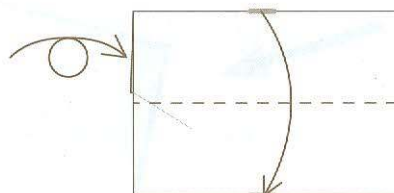
3. Fold and unfold along an angle bisector, making a pinch along the right edge.



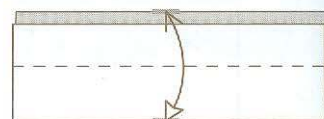
4. Fold the top left corner down to the crease intersection.



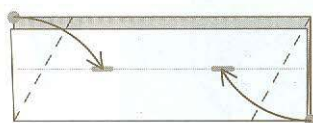
5. Turn the paper over.



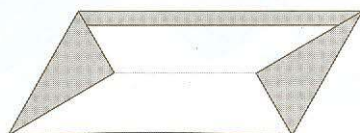
6. Fold the top folded edge down to the raw bottom edge.



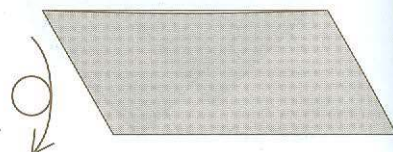
7. Fold the bottom folded edge (but not the raw edge) up to the top and unfold.



8. Fold the top left corner and the bottom right corner to the crease you just made.



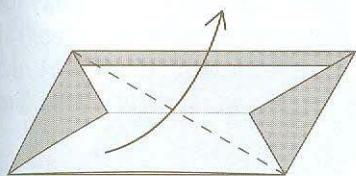
9. Here's the building block.



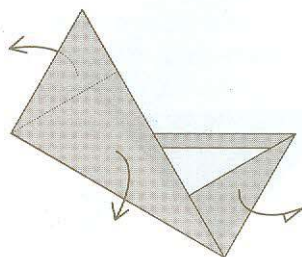
10. Here's the other side.

Deltahedra

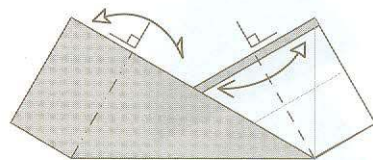
This unit can be used to make any polyhedron whose faces are equilateral triangles.



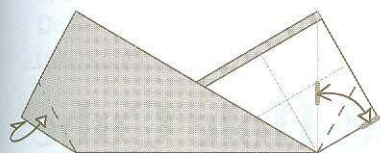
1. Begin with step 9 of the DeZZ building block. Fold the quadrilateral in half along the diagonal.



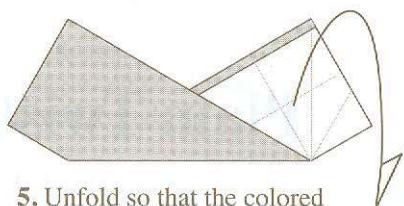
2. Unfold all the creases to 90° dihedral angles. Make 12 units.



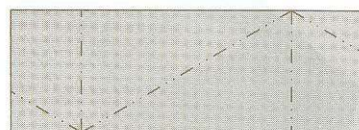
3. Fold and unfold. Repeat behind.



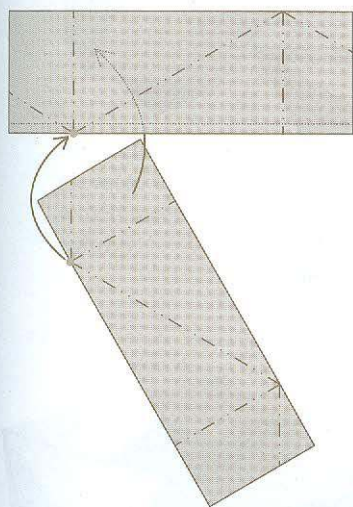
4. Fold and unfold. Repeat behind.



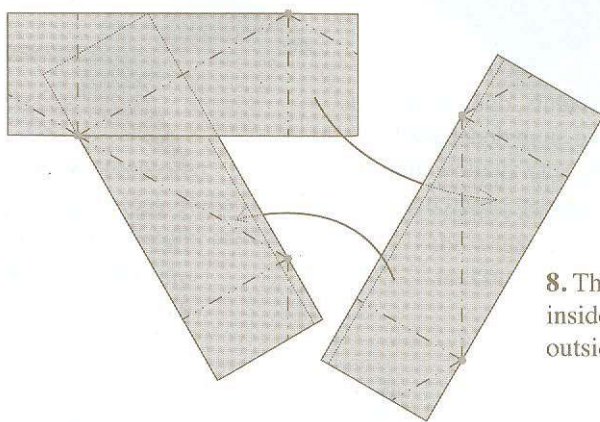
5. Unfold so that the colored side is visible.



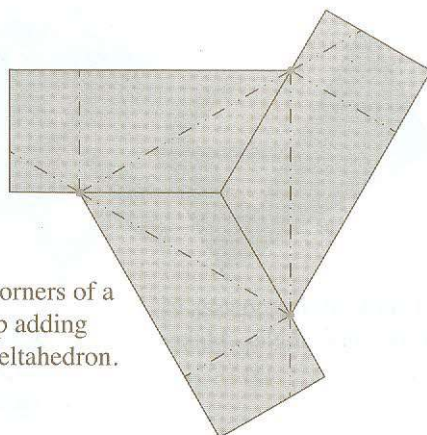
6. The mountain creases here show the folds that are used for the deltahedron. Fold $3N/2$ units for a deltahedron with N faces.



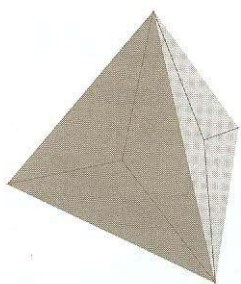
7. Here is how two units go together. The tab slips into the pocket on the back side, and the two points marked by dots come together.



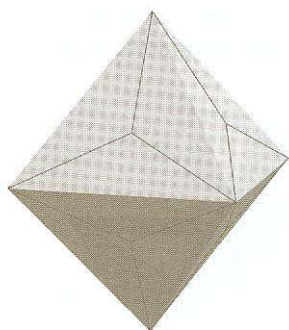
8. The third unit goes inside one pocket and outside one tab.



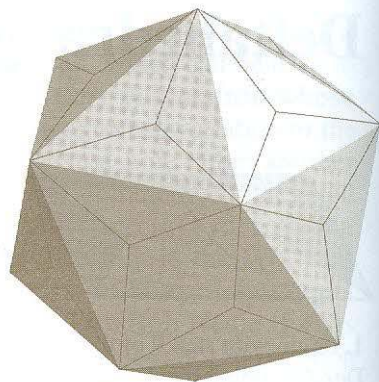
9. The dots are the corners of a triangular face. Keep adding units to create any deltahedron.



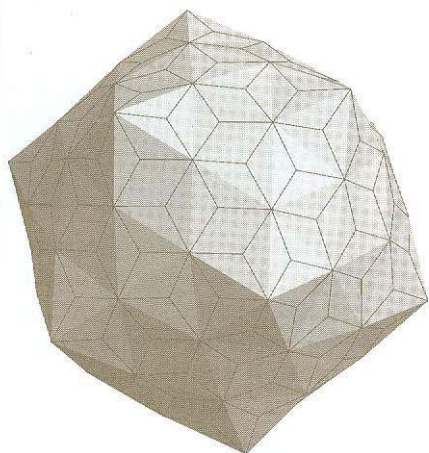
10. Here is a tetrahedron, from 6 units.



11. An octahedron takes 12 units.



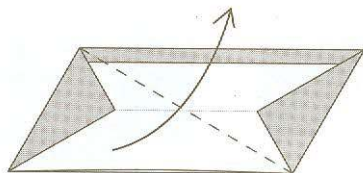
12. And an icosahedron takes 30 units.



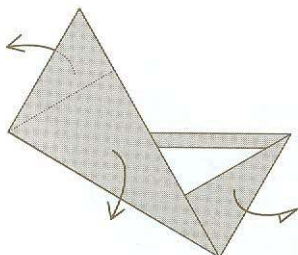
13. With 210 units, one can make a deltahedrified snub dodecahedron. However, the very shallow angles means that it doesn't hold together very well.

Plain Twisted-Hole Cube

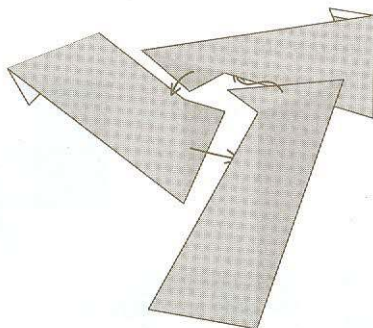
This structure is similar to Lewis Simon's many twist-hole cubes, but uses the assembly technique of Robert Neale's dodecahedron.



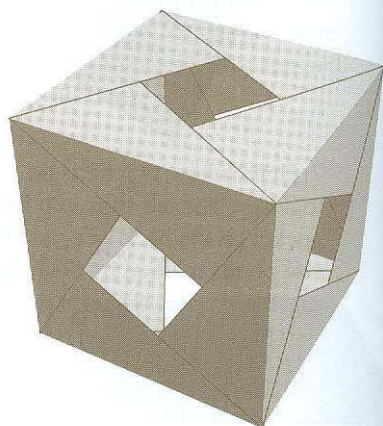
1. Begin with step 9 of the DeZZ building block. Fold the quadrilateral in half along the diagonal.



2. Unfold all the creases to 90° dihedral angles. Make 12 units.



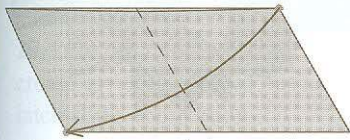
3. Join three units at a corner by sliding tabs into pockets.



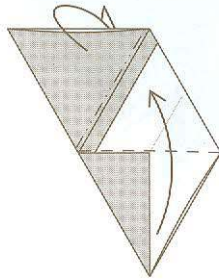
4. The finished cube.

Deltahedrally Elevated Polyhedra

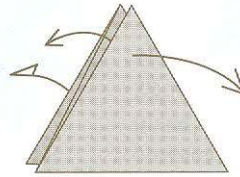
Elevation is the result of erecting a pyramid on each face. If the resulting new faces are equilateral triangles, then we can fold them from still another version of this unit that makes each face a seamless equilateral triangle.



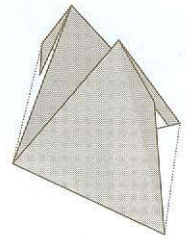
1. Begin with step 10 of the DeZZ building block. Bring two points together.



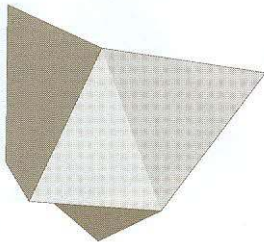
2. Fold the upper left triangle behind and the bottom triangle up.



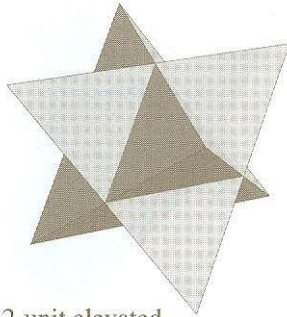
3. Partially unfold all of the folds along the strip.



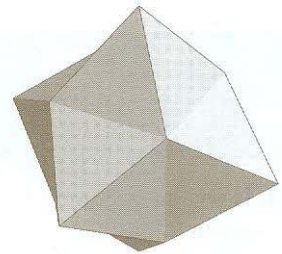
4. One unit makes a portion of a double pyramid.



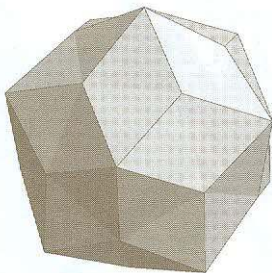
5. 4 units makes an elevated tetrahedron, which resembles a caltrop.



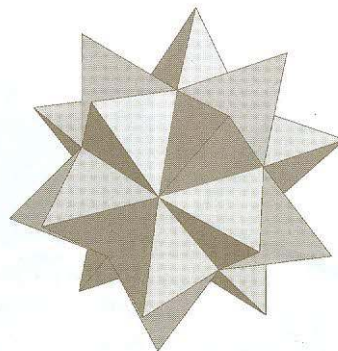
6. The 12-unit elevated octahedron is also a stellation of the octahedron; Kepler called it the *Stella Octangula*.



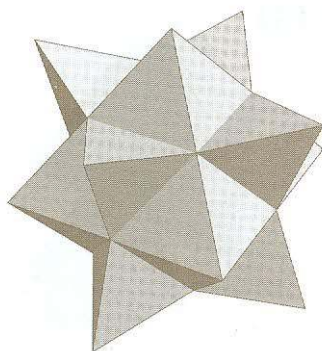
8. The elevated cube takes 12 units, and resembles a slightly stubbier version of the origami model called the *Jackstone*.



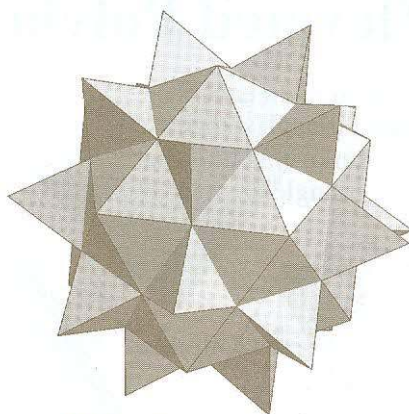
9. The 30-unit elevated dodecahedron is a slightly bumpy ball that is close to, but not exactly, a rhombic triacontahedron.



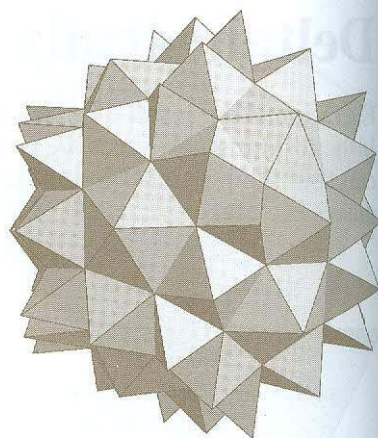
10. The 30-unit elevated icosahedron is considerably bumpier. It is close to, but not exactly, a stellation of the dodecahedron.



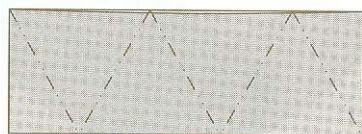
11. The elevated cuboctahedron takes 24 units.



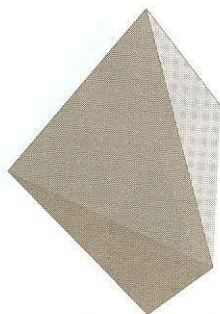
12. The elevated icosidodecahedron takes 60 units. Leonardo da Vinci described (and named) this solid.



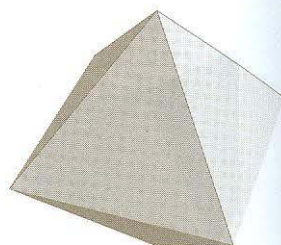
13. And finally, 200 units will build you the elevated small rhombicosidodecahedron.



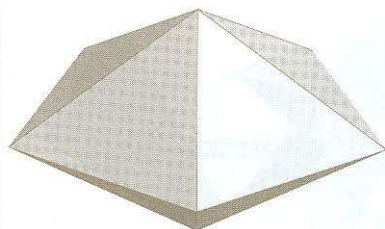
14. If you make 3 units with all mountain folds, they can be assembled into the deltahedral equivalent of *Takahama's Jewel*.



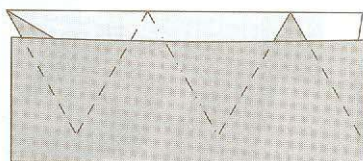
15. Which is a deltahedrally elevated trigonal dihedron, or, more simply, a tetrahedral dipyrmaid.



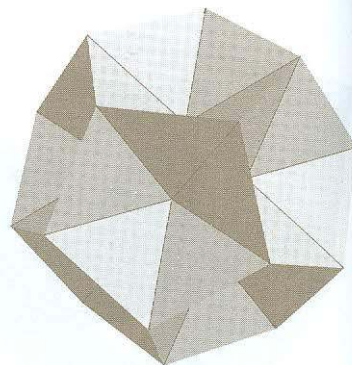
16. Four units gives a deltahedrally elevated square dihedron, or a square dipyrmaid, or simply, an octahedron.



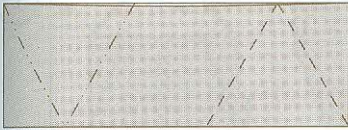
17. And 5 such units gives a pentagonal dipyrmaid.



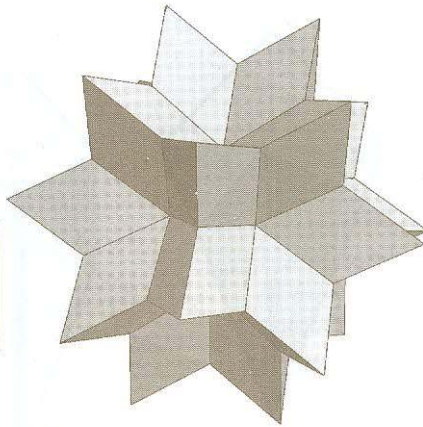
18. If a polyhedron is elevated with negative height, we call it "depressed." You can fold depressed polyhedra by changing the parity of some of the creases like this.



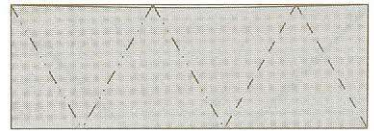
19. This depressed dodecahedron requires 30 units, like its elevated kin.



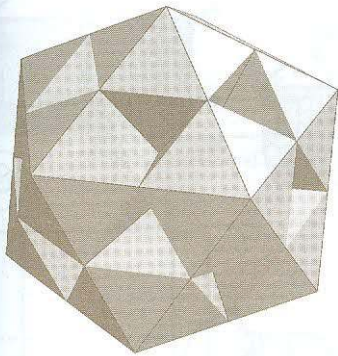
20. Leaving out the middle crease gives a unit that has an interesting application...



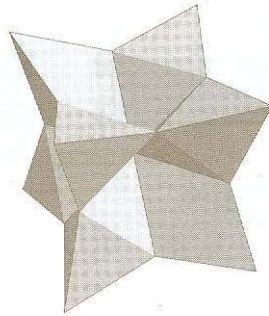
21. If you elevate the triangles and depress the pentagons of an icosidodecahedron, you get this shape, which also happens to be the logo of Wolfram | Alpha.



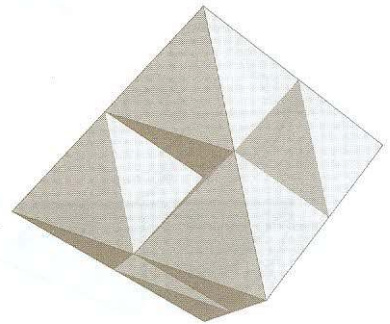
22. With the mountain fold back in place, we can make other mixed elevated/depressed polyhedra...



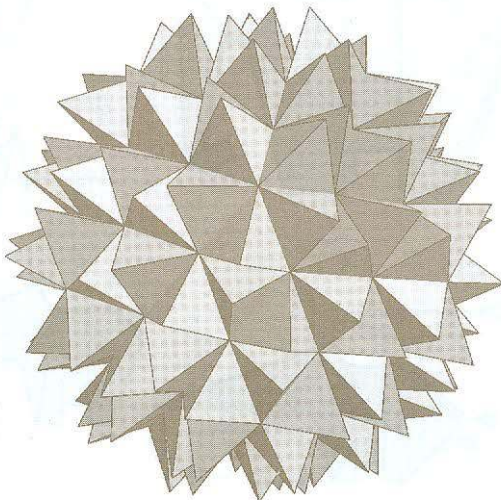
23. If you depress the triangles and elevate the pentagons of the icosidodecahedron, you get an icosahedron with holes.



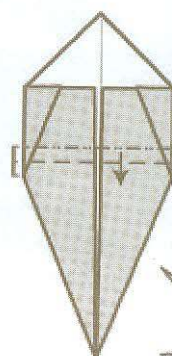
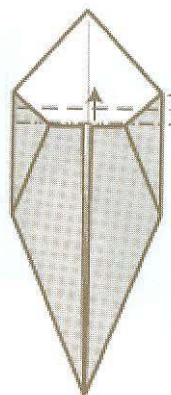
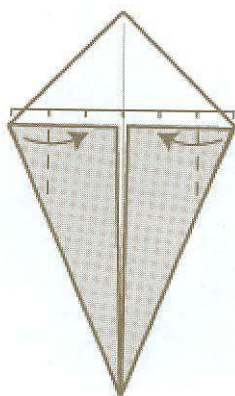
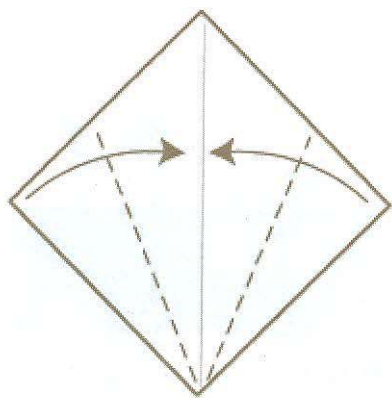
24. We can treat the cuboctahedron similarly. Elevated triangles, depressed squares in a cuboctahedron.



25. Elevated squares, depressed triangles in a cuboctahedron.

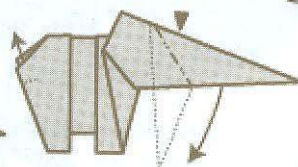
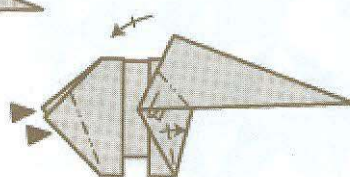
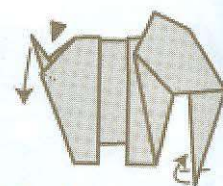
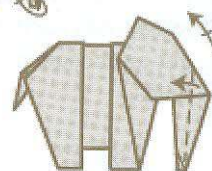
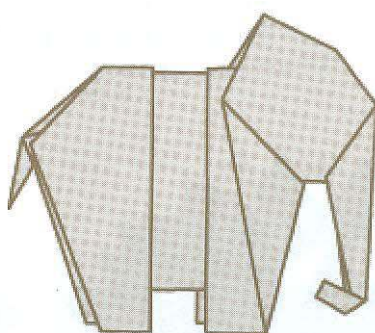
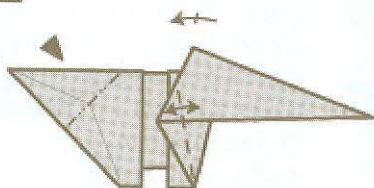
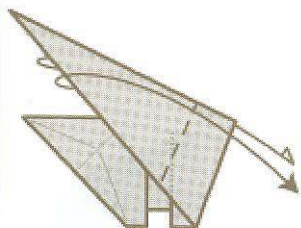
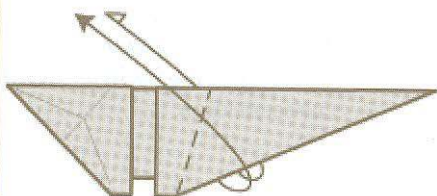
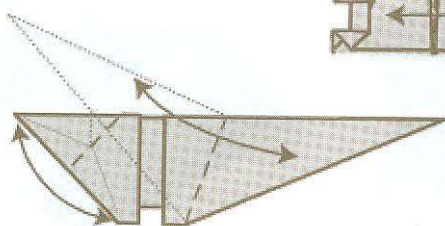
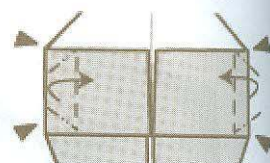
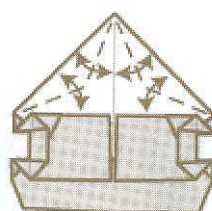
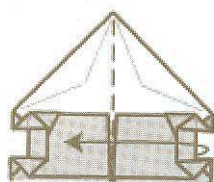


26. And finally, to wrap up, going back to the original elevated unit, 210 units give a deltahedrally-elevated deltahedrified snub dodecahedron. (Yes, that's double-deltahedrification!)



Elephant

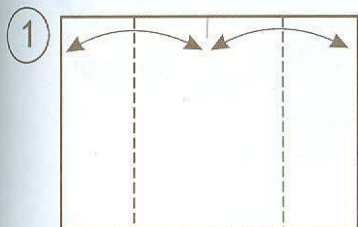
© Nick Robinson



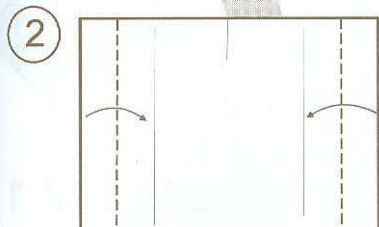
www.origami.me.uk

Pixel Unit

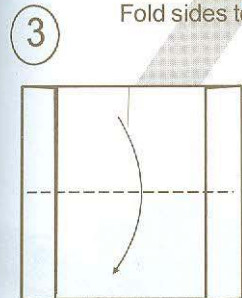
© Max Hulme



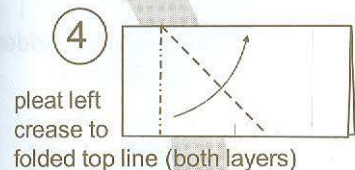
Pinch halfway mark on long side then fold sides to his pinch mark and unfold.



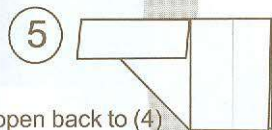
Fold sides to crease line



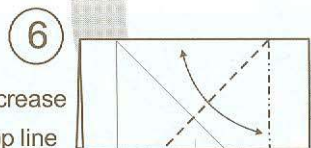
Fold top edge down.



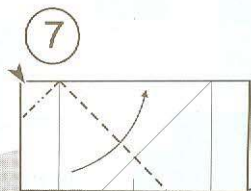
pleat left crease to folded top line (both layers)



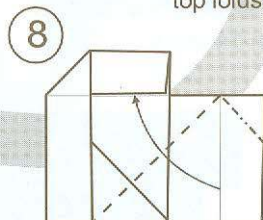
open back to (4)



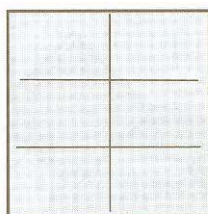
pleat right crease to folded top line and unfold (fold both layers)



fold up single layer on left 45° crease squash top left corner



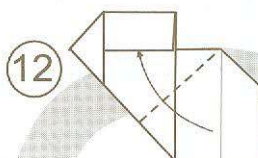
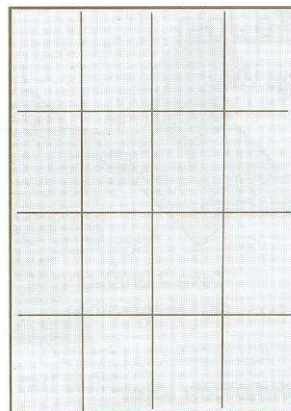
repeat on right 45° crease tucking top edge under left flap



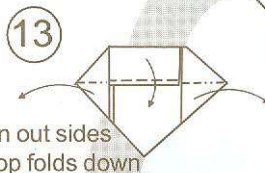
Paper can be square or A4 and the same colour on both sides.

A square makes 6 pieces while A4 makes 16.

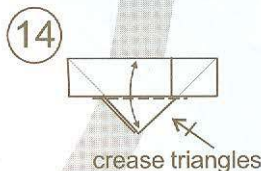
A pixel unit can be made



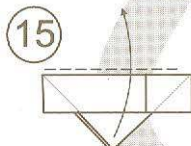
repeat on right 45° crease tucking top edge under left flap



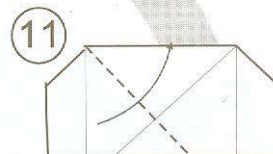
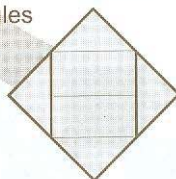
open out sides as top folds down



crease triangles

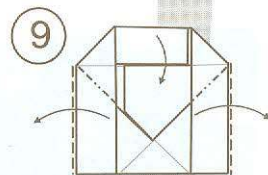
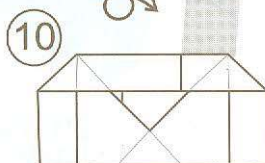


separate triangles



fold up single layer on left 45° crease

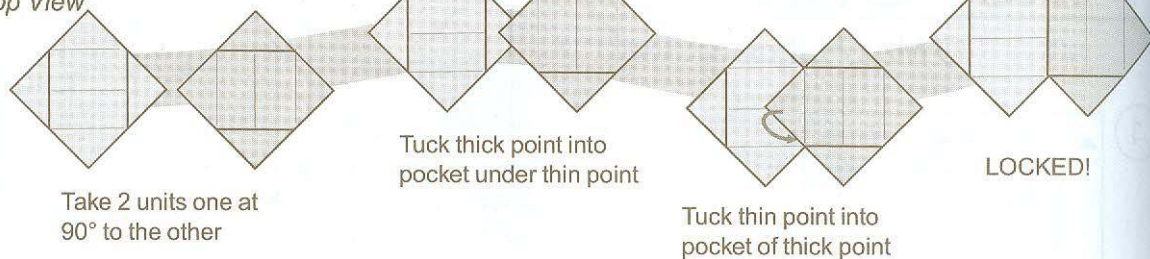
turn over



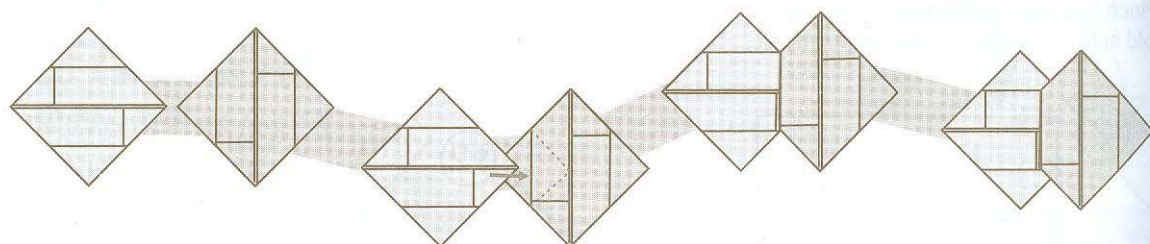
open out sides as top folds down

To Join

Top View



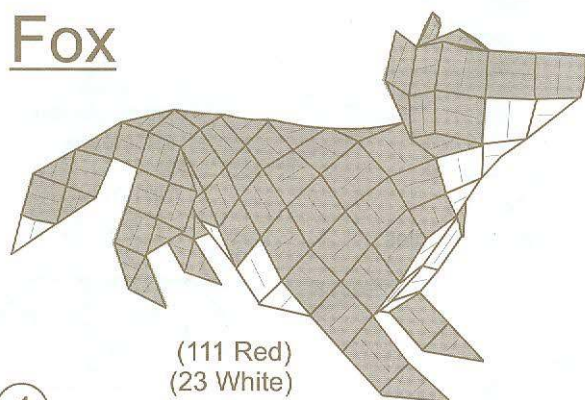
Underside View



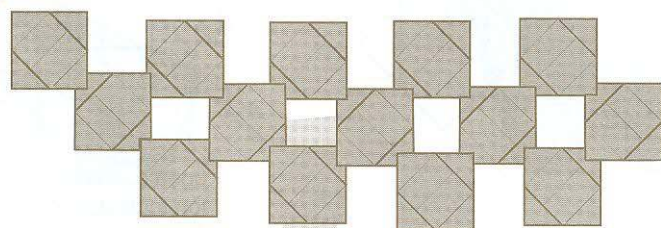
(page 1 of 1)

Fox

1st August 2010



①



Join 14 units

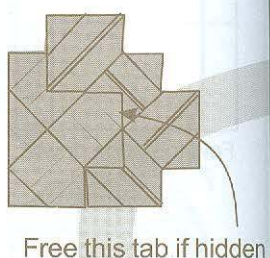
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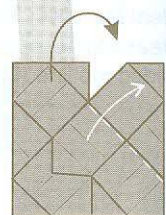
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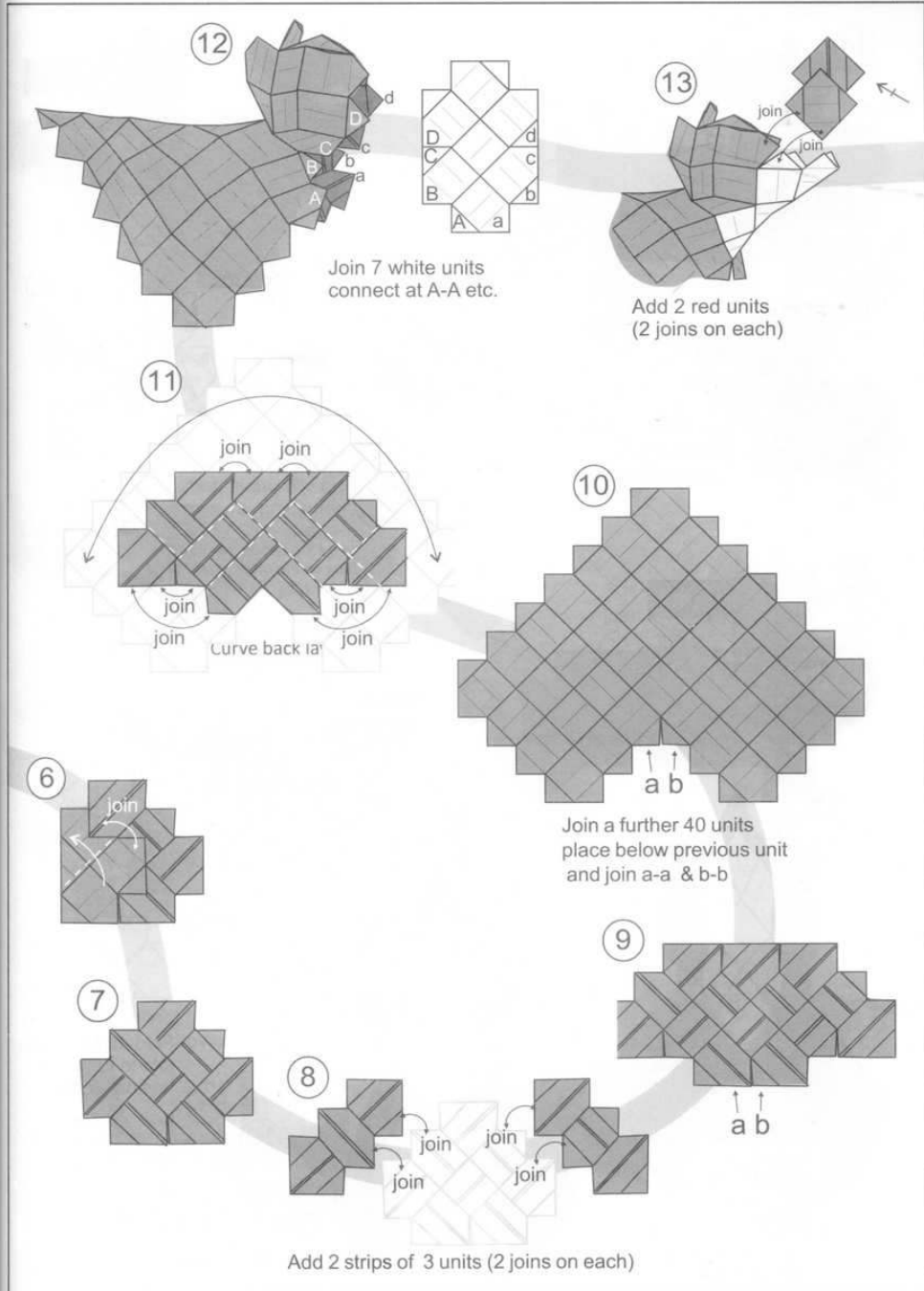


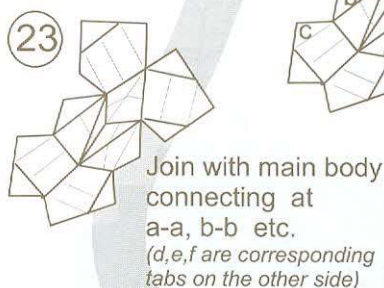
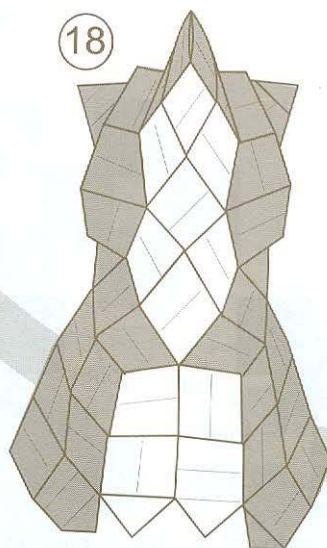
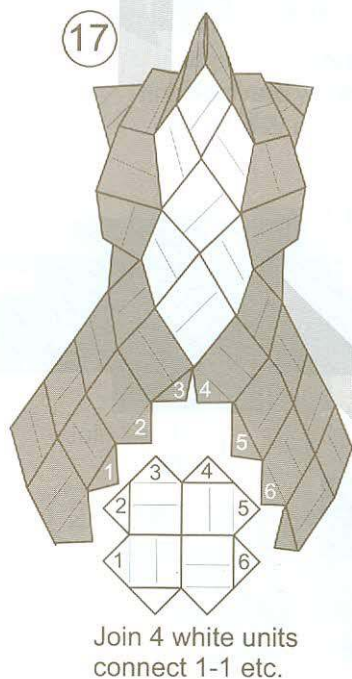
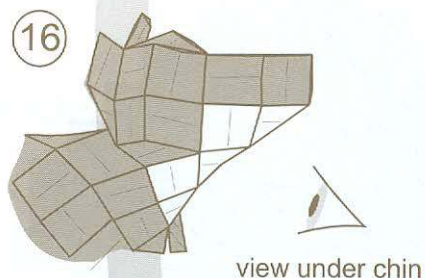
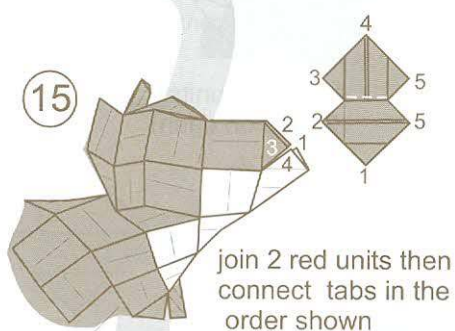
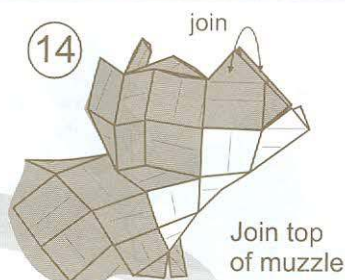
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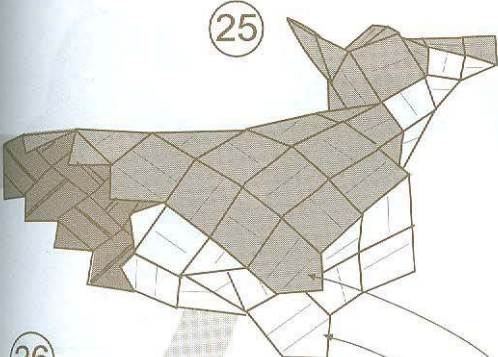
④







25



26



make 2 of these
then join to main
body join to main
body

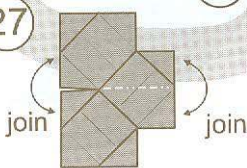
29



28



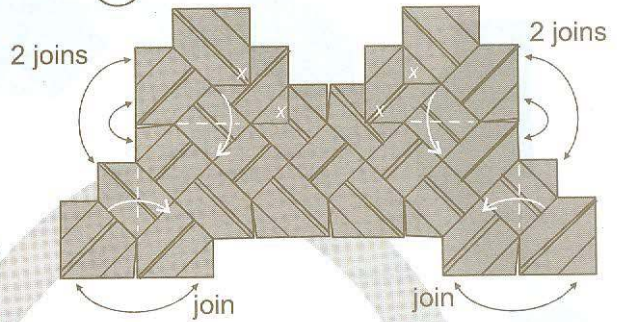
27



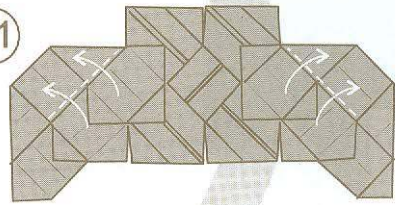
Join 25 units

(NB there are 4 corners not connected 'x')

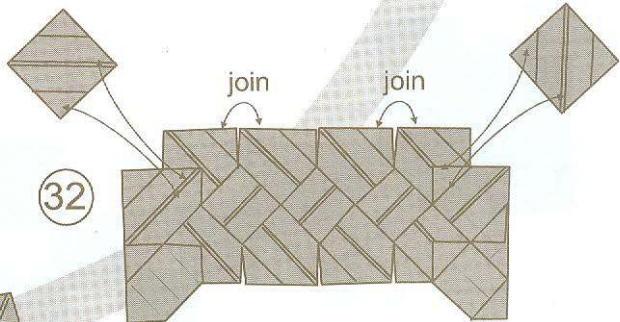
30



31

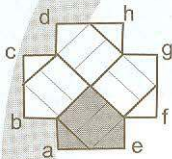
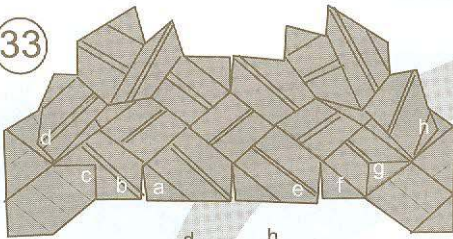


32



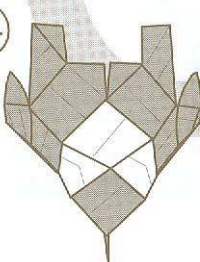
Add 2 red units (2 joins each)

33



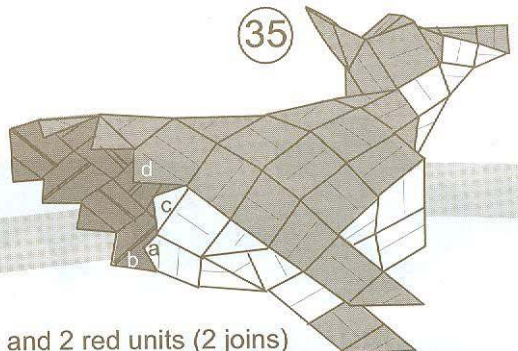
Connect 3 white and 1 red units (4 joins)
Add to previous unit a-a, b-b etc.

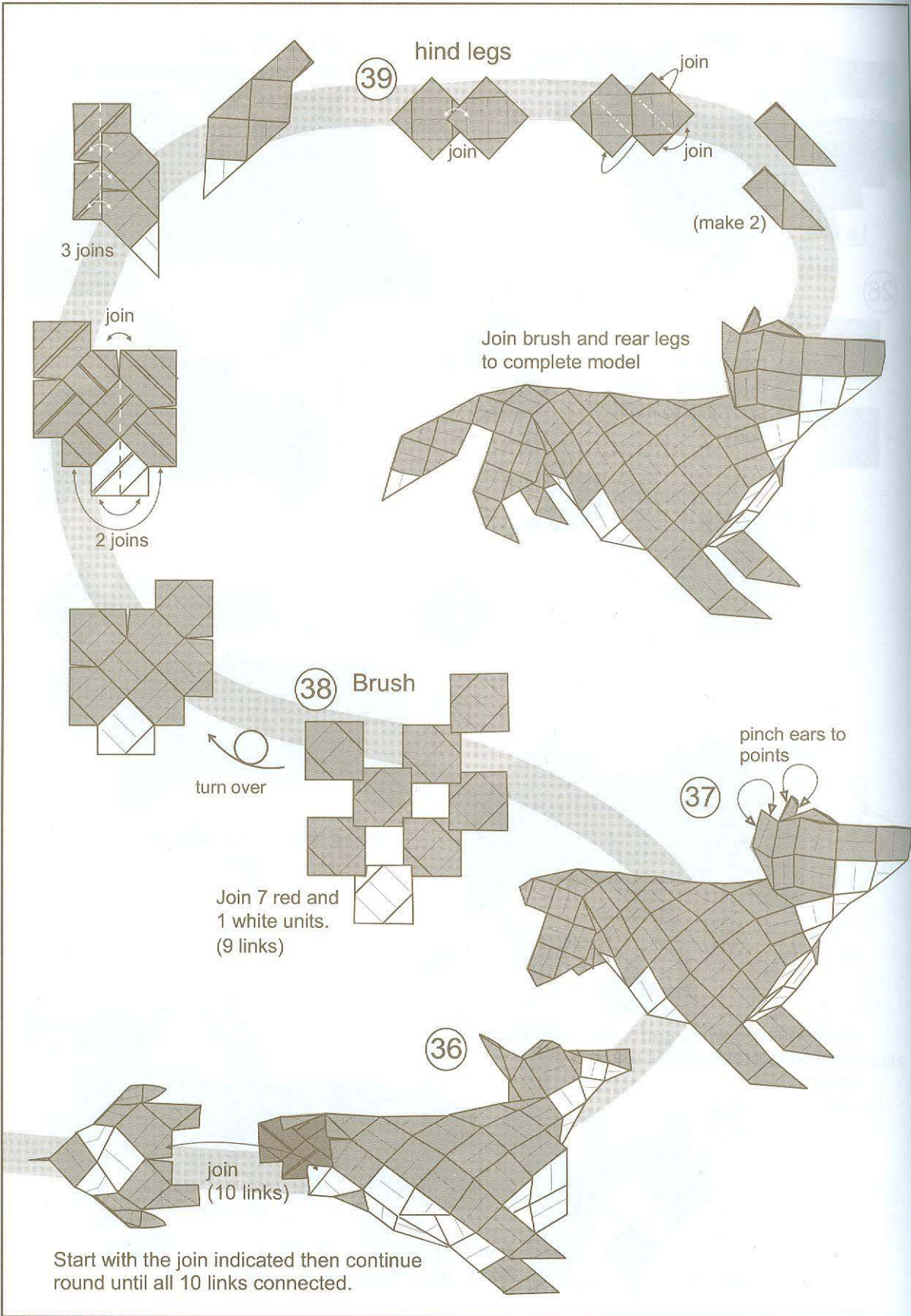
34

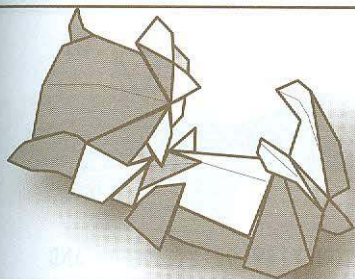


Join 1 white and 2 red units (2 joins)
Add to main body a-a, b-b etc.

35







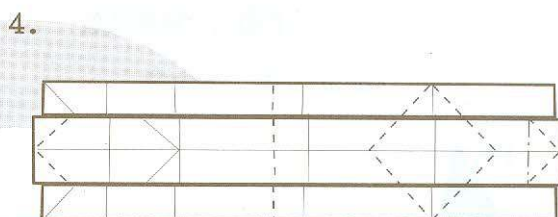
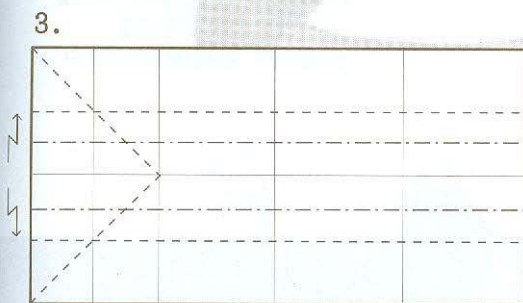
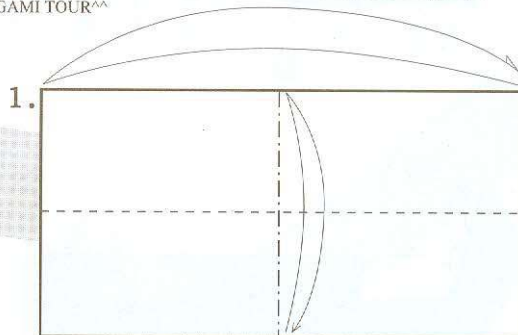
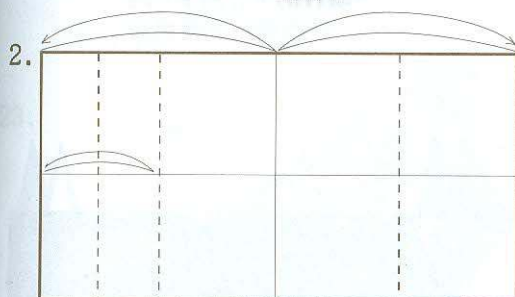
BB貓 Baby Cat

創作&圖解: 羅瑜 (阿月)

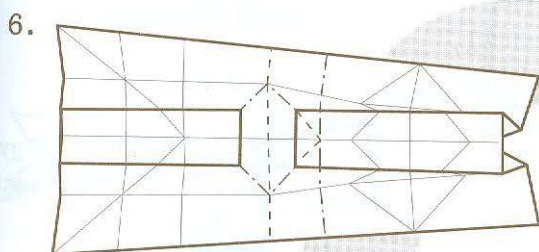
CREATOR & DIAGRAM: LO YU (ylo33) 作: 2010-11 圖: 2012-05

PAPER - 1:2

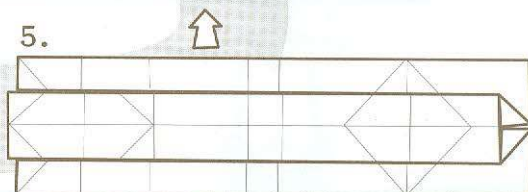
THIS IS MY 2ND DIAGRAM. I DESIGNED IT WHEN I WAS ON THE WAY TO WORKING PLACE AGAIN. IT IS A CAT WHICH SLEEP LIKE A NEW BORN BABY, SO I NAMED IT "BABY CAT", BUT SOMEONE SAID IT IS A BABY FOX! IT IS OK, THIS LEFT MORE IMAGINE SPACE FOR EVERYONE~ IS IT CUTE? I WOULD BE HAPPY WHEN ANYBODY LEAVES ME MESSAGES FOR MY DESIGN. LET 'S ENJOY THE ORIGAMI TOUR^^



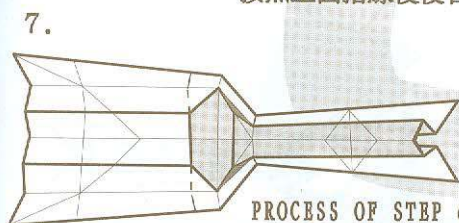
PRE-CREASES
預摺



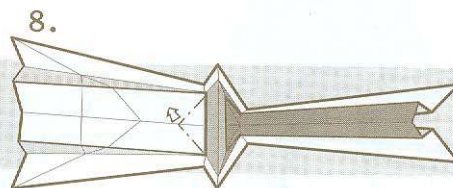
CLOSE ALONG THOSE
CREASES
按照上圖摺線慢慢合上



PULL, BUT KEEP CONSTANT
ON RIGHT HAND SIDE
拉開, 但注意保持右邊

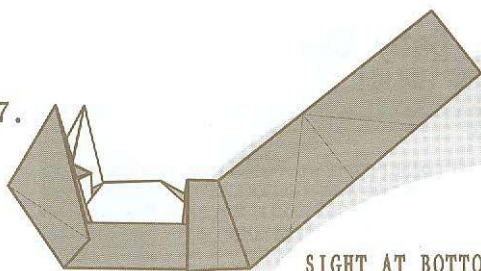


PROCESS OF STEP 6.
步驟6.的過程圖



PULL THE INTERSECTION
POINT UP AND THEN CLOSE
注意交點是要拉起凸出

17.



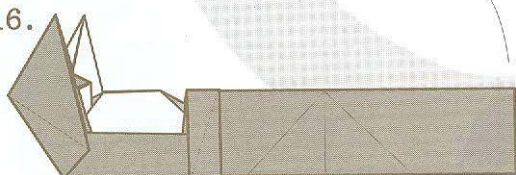
SIGHT AT BOTTOM
從下向上看

18.



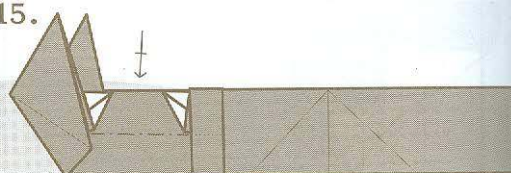
BOTTOM VIEW OF STEP 17. AND
THEN WATCH FROM THE LEFT
步驟17的下方所見的樣子，
然後從左方看過去

16.



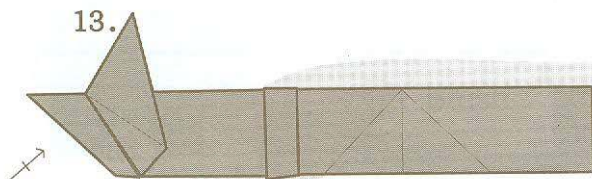
PULL UPWARD
右邊向上移動拉起

15.

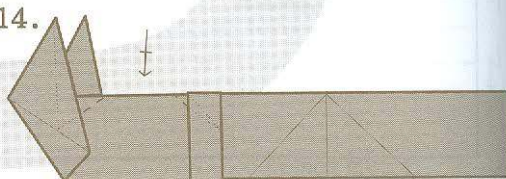


MOUNTAIN FOLD AND STUCK
IN THE POCKET
向後摺，塞住後面口袋中

13.



14.



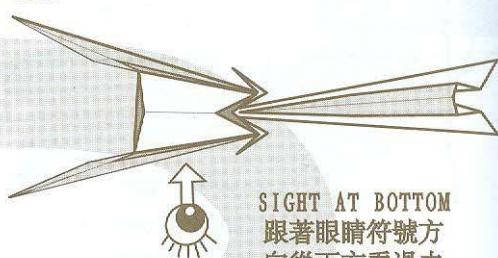
INSIDE REVERSE FOLD
AND REPEAT BEHIND
中分摺，背面重複

12.



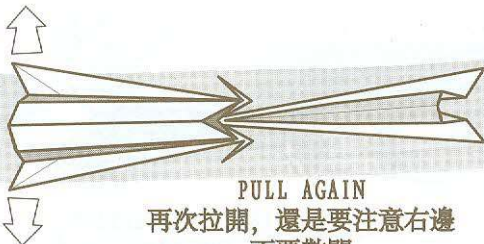
REPEAT STEP 12. ON
THE BACK
背面重複步驟12

11.



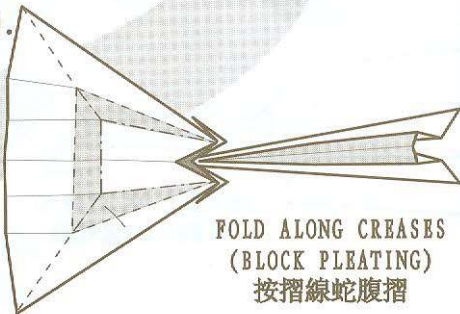
SIGHT AT BOTTOM
跟著眼睛符號方
向從下方看過去

9.



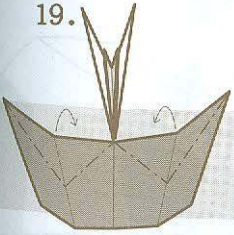
PULL AGAIN
再次拉開，還是要注意右邊
不要散開

10.



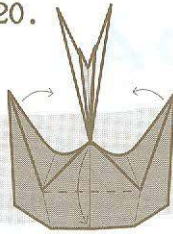
FOLD ALONG CREASES
(BLOCK PLEATING)
按摺線蛇腹摺

19.



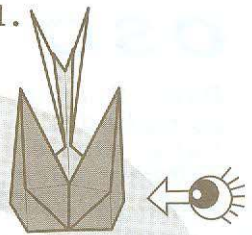
INSIDE REVERSE FOLD TO MAKE
THE LEGS
中分摺，摺出腳部

20.



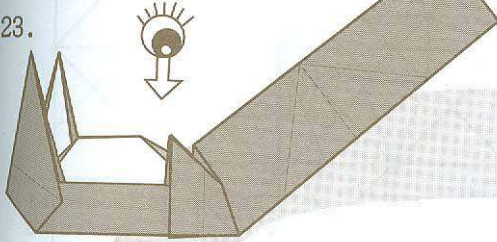
FOLD DOWN TO MAKE THE TAIL
向下摺，摺出小尾巴

21.



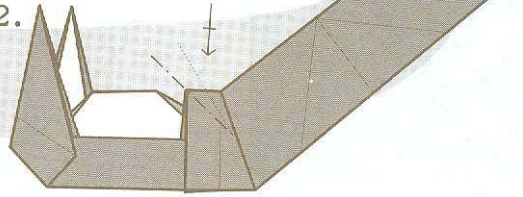
SIGHT ON THE RIGHT
在右邊看過去

23.



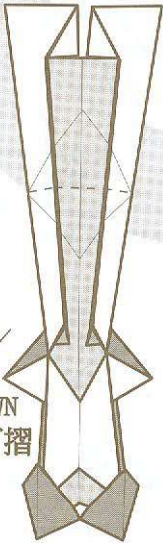
SIGHT ON THE TOP
從上面往下看

22.



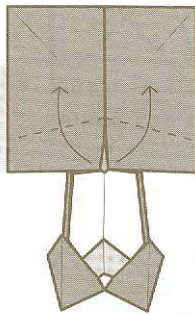
INSIDE REVERSE FOLD,
REPEAT BEHIND
中分摺，背面重複

24.



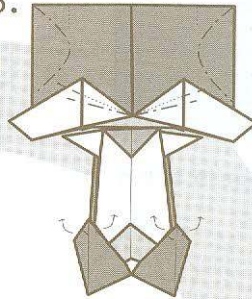
FOLD IT DOWN
根據摺線向下摺

25.



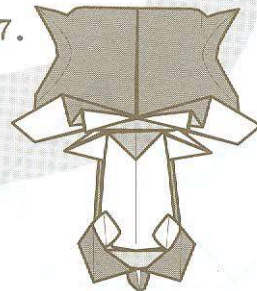
VALLEY FOLDS
兩邊向上摺

26.

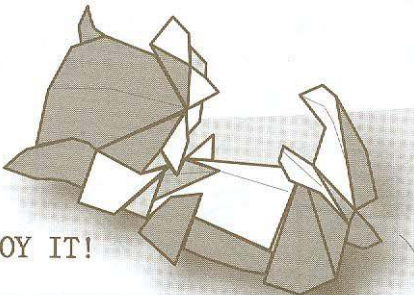


INSIDE REVERSE FOLDS AND SHAPE
THE EARS & FEET
把貓鬚中分摺，然後對耳朵和腳板
稍為整形

27.



FINISHED! ENJOY IT!
完成!



OSO PANDA

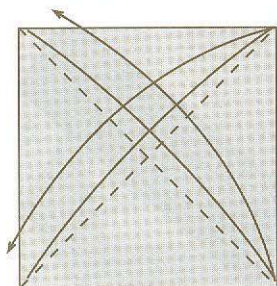
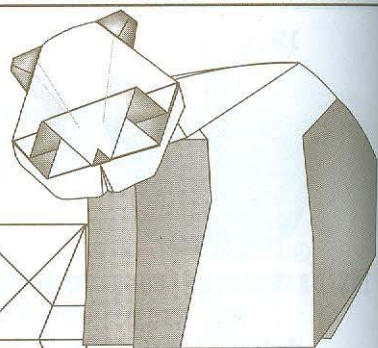
David S. Llanque Apaza

Dificultad: 2

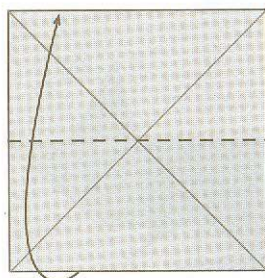
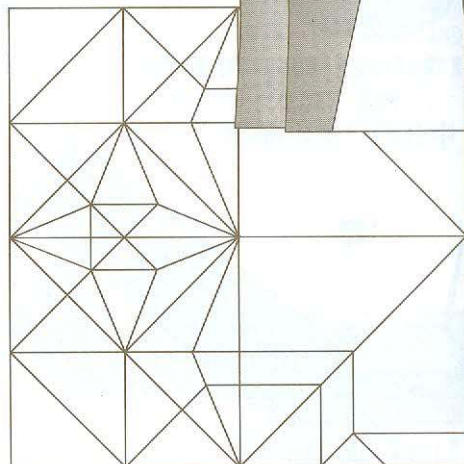
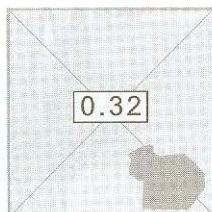
Papel: Doble color

Tamaño: 30cm.

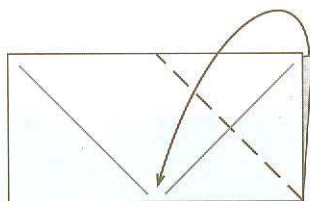
Creado: xx/12/2009.



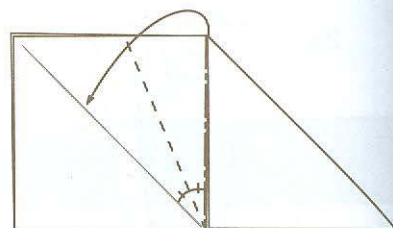
1. Doblar y desdoblar las diagonales.



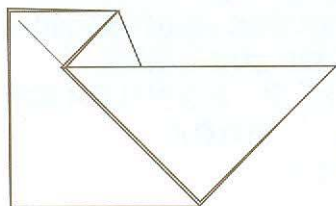
2. Doblar por la mitad.



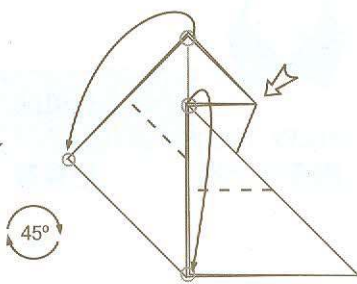
3. Doblar las dos puntas en valle.



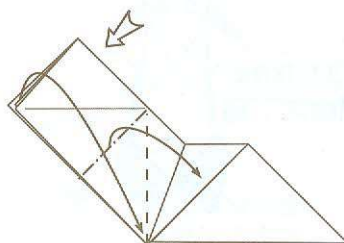
4. Doblar la bisectriz en valle.



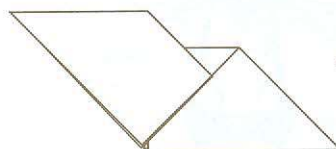
5. Girar.



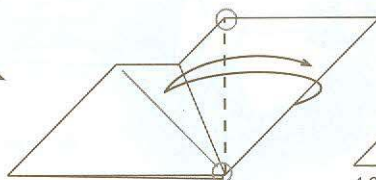
6. Llevar ambas puntas hacia los puntos.



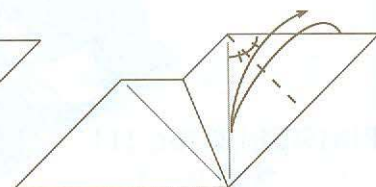
7. Doblar en montaña llevando las dos puntas hacia el punto, aplastando por el borde.



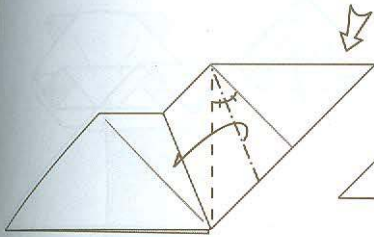
8. Voltear.



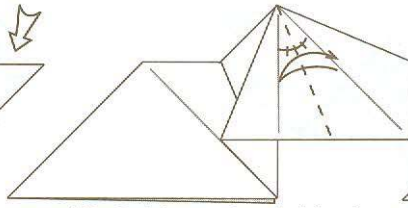
9. Doblar y desdoblar.



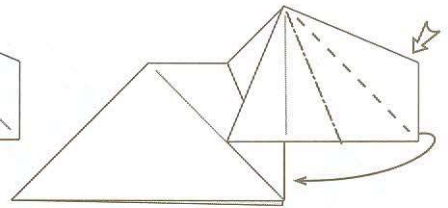
10. Doblar y desdoblar la bisectriz.



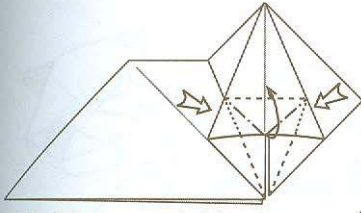
11. Hacer una bisectriz y doblarla en montaña.



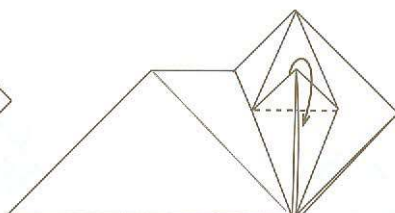
12. Doblar y desdoblar la bisectriz.



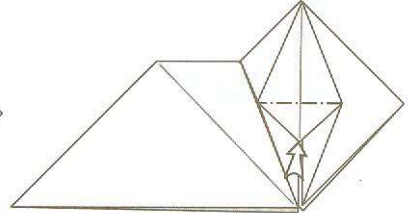
13. Llevar la punta hacia abajo aplastando el borde.



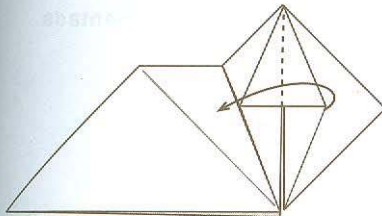
14. Hacer un doblez en petalo.



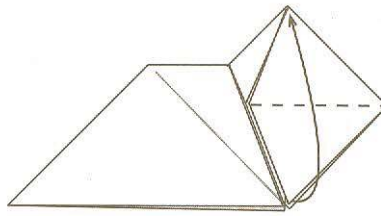
15. Bajar la punta.



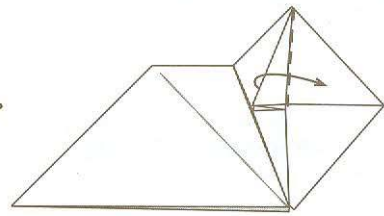
16. Esconder la punta hacia adentro.



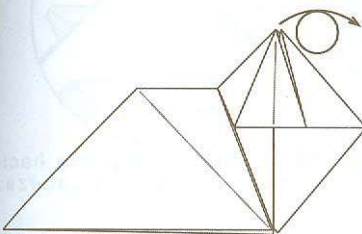
17. Llevar hacia la izquierda.



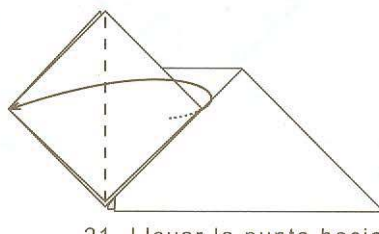
18. Llevar la punta hacia arriba.



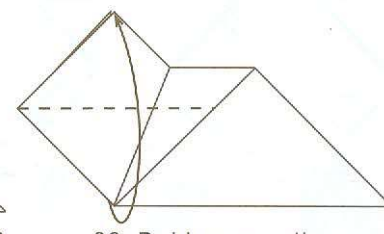
19. Llevar una capa hacia la derecha.



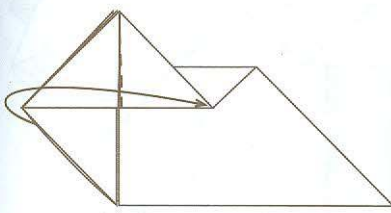
20. Voltear.



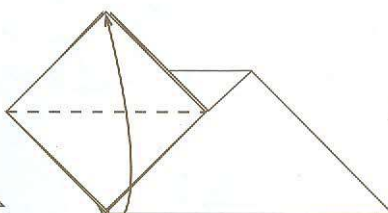
21. Llevar la punta hacia la izquierda.



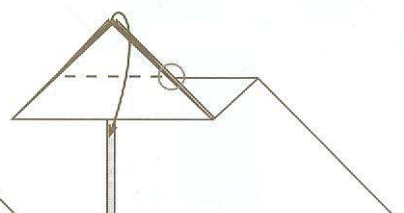
22. Doblar en valle.



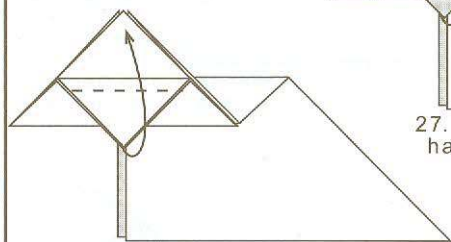
23. Regresar la punta hacia la derecha.



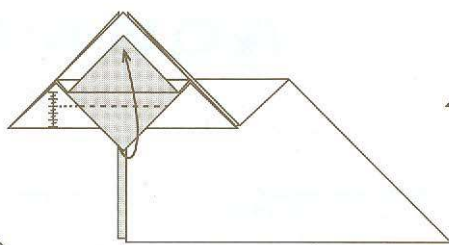
24. Llevar las dos puntas hacia arriba.



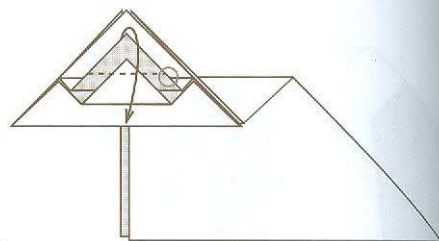
25. Bajar las dos puntas por la marca indicada.



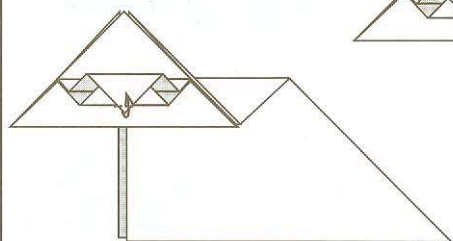
26. Llevar una punta hacia arriba dejando unos milímetros.



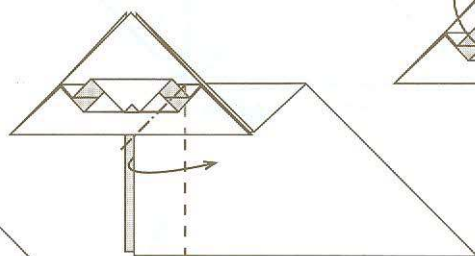
27. Llevar la punta de abajo hacia arriba siguiendo las referencias.



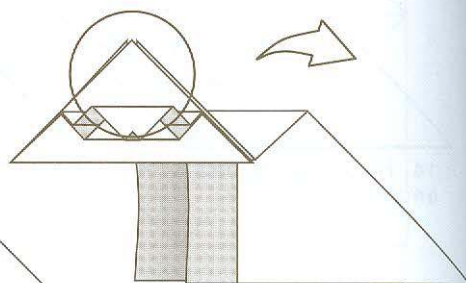
28. Doblar en valle la punta superior dejando unos milímetros del punto indicado.



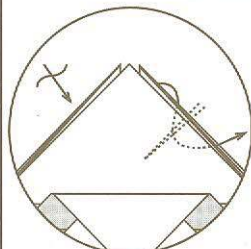
29. Revertir la punta.



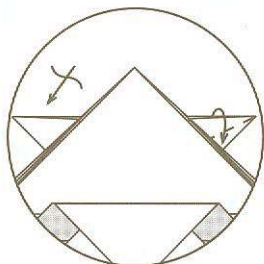
30. Voltear una capa desde arriba.



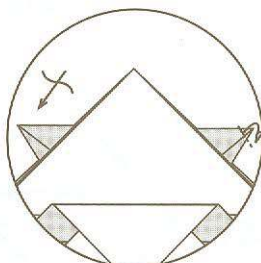
31. Vista aumentada.



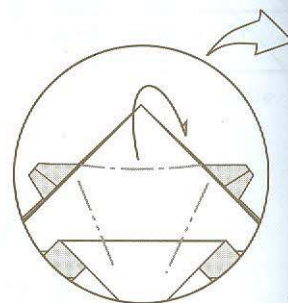
32. Revertir.



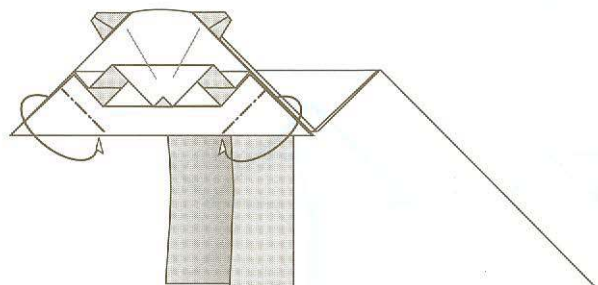
33. Voltear una capa.



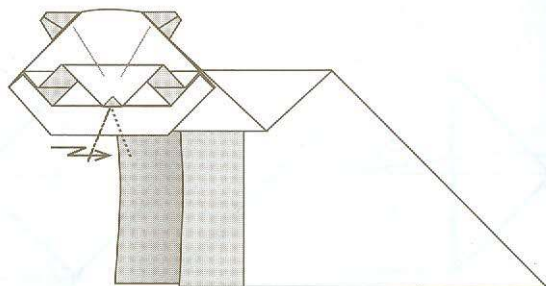
34. Doblar la oreja.



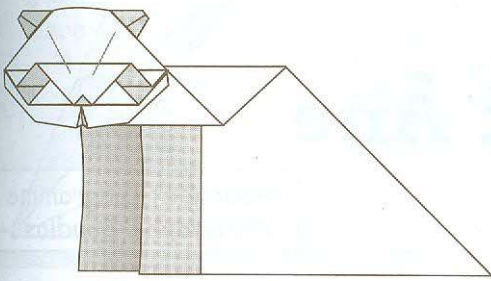
35. Esconder la punta hacia atrás triangular la cabeza.



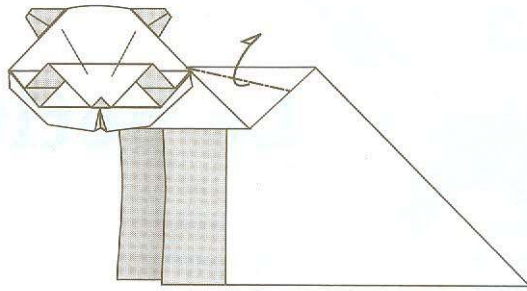
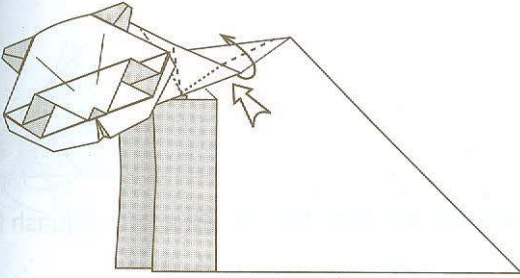
36. Revertir al punta.



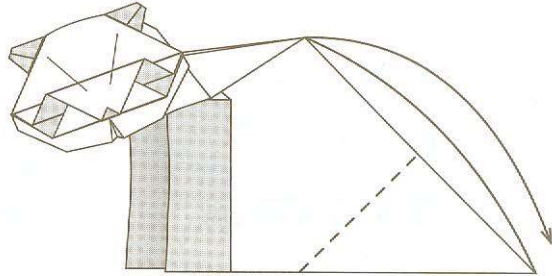
37. Escalonar.



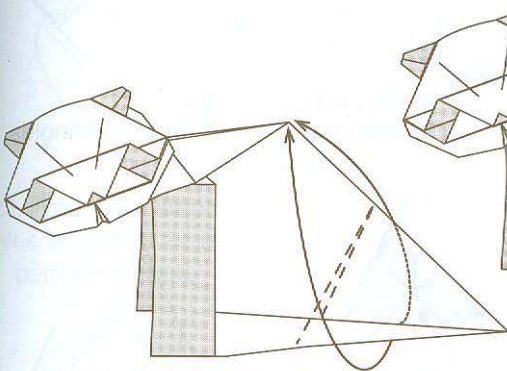
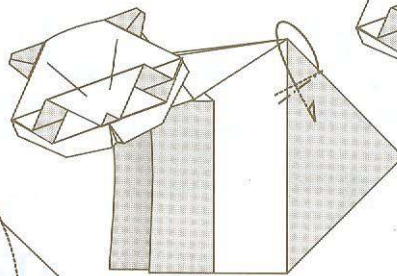
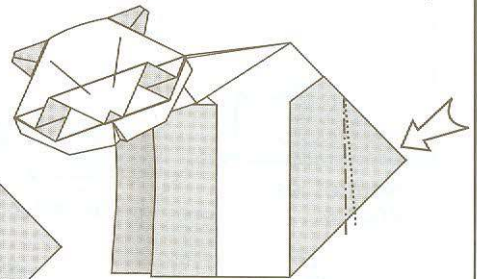
38. Doblar y desdoblar.

39. Levantar un poco,
moviendo la cabeza hacia
abajo.

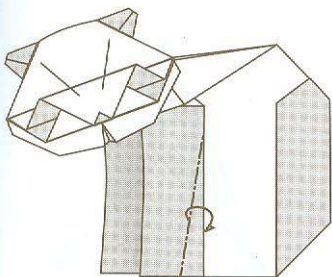
40. Hacer un doblez pivotado.



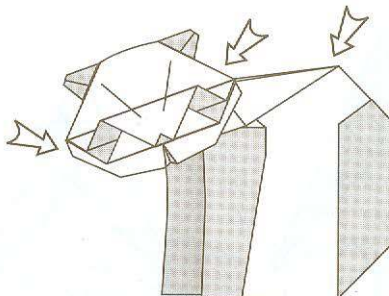
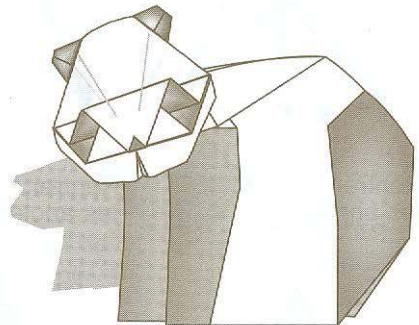
41. Doblar y desdoblar.

42. Abrir por el medio y llevar
por ambos lados hacia arriba.43. Esconder
la punta.

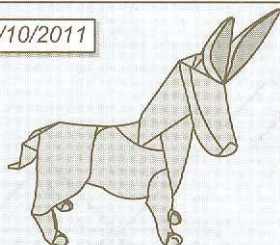
44. Hundir.



45. Doblar en monte.

46. Hundir suavemente y dar
volumen a la cabeza.

17/10/2011

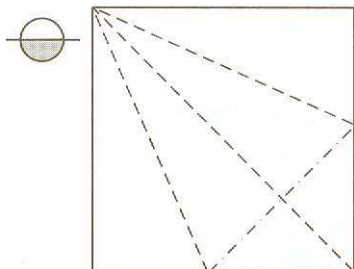


Le petit Âne

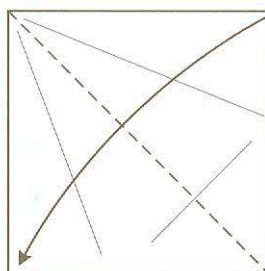


Modèle et Diagramme :
Christophe Boudias ;-)

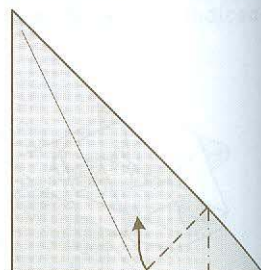
min: 20x20cm => 8.5cm x 8cm.



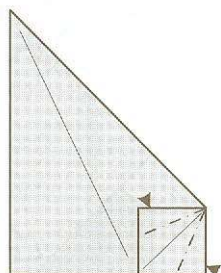
1. Marquer les plis.



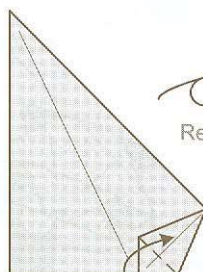
2. Plier suivant la diagonale.



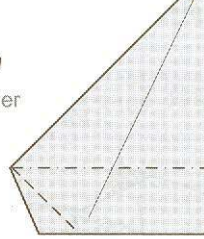
3. Pli aplati (Squash fold).



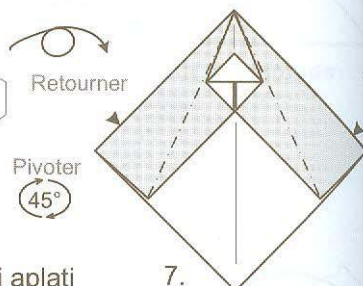
4. Rentrer les angles.



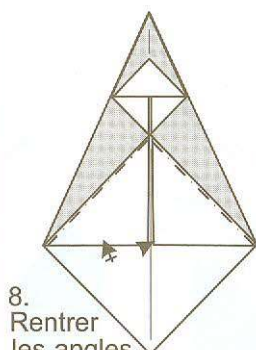
5. Pli vallée.



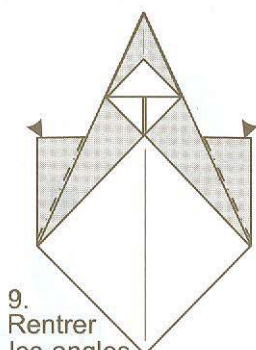
6. Pli aplati (Squash fold).



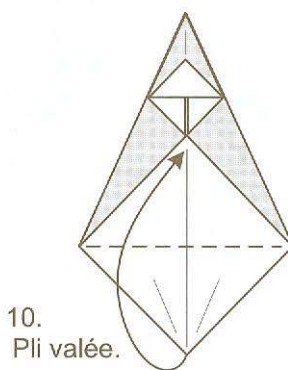
7. Rentrer les angles.



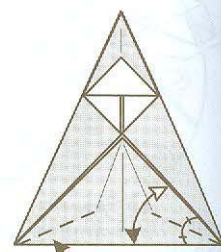
8. Rentrer les angles.



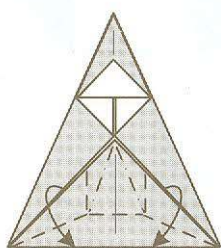
9. Rentrer les angles.



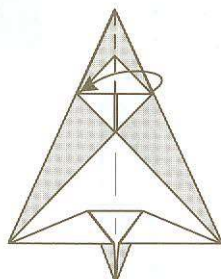
10. Pli vallée.



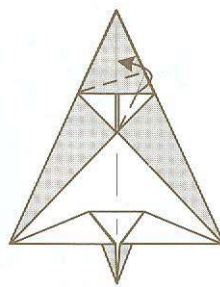
11. Marquer les bissectrices.



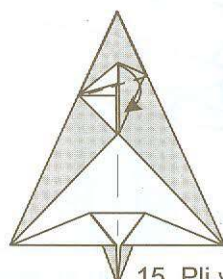
12. Plier vers le bas.



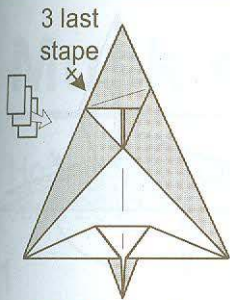
13. Plier vers la gauche.



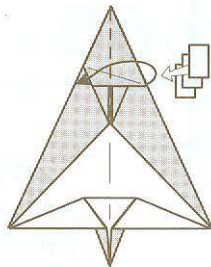
14. Pli pivot.



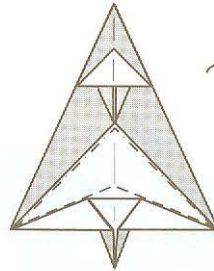
15. Pli vallée.



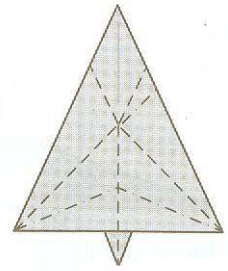
16. Répéter les étapes 13 à 15 côté gauche.



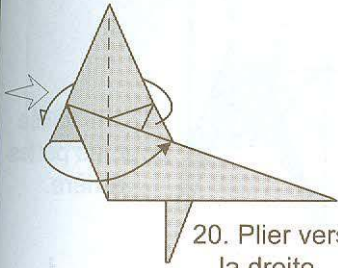
17. Plier vers la gauche.



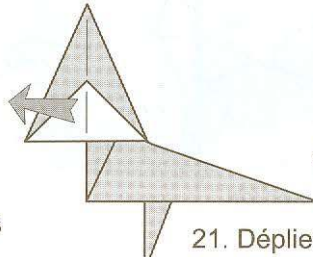
18. Marquer les plis et retourner.



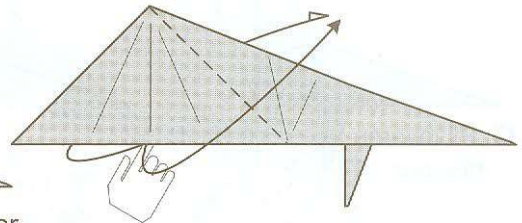
19. Fermer le modèle.



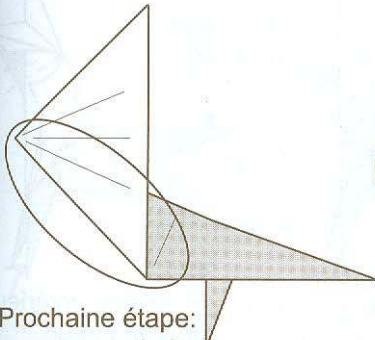
20. Plier vers la droite.



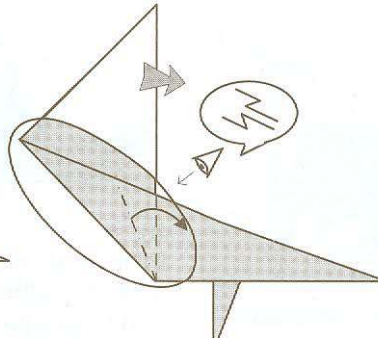
21. Déplier vers la gauche.



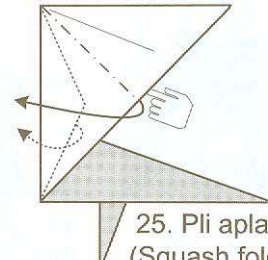
22. Retourner l'épaisseur.



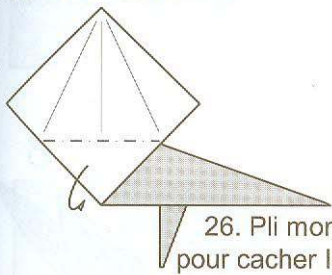
23. Prochaine étape: Vue en coupe de la partie entourée.



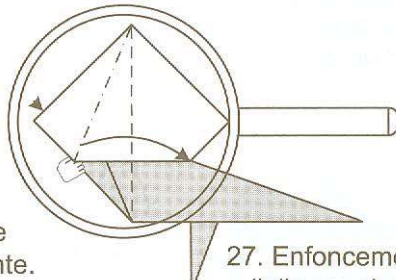
24. Crimp



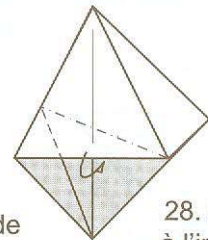
25. Pli aplati (Squash fold)



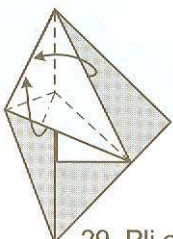
26. Pli montagne pour cacher la pointe.



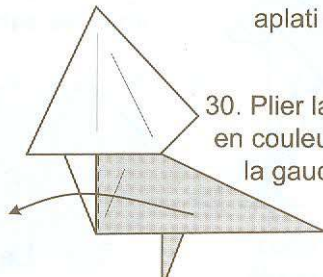
27. Enfoncement de l'aile gauche, pli aplati (Squash fold)



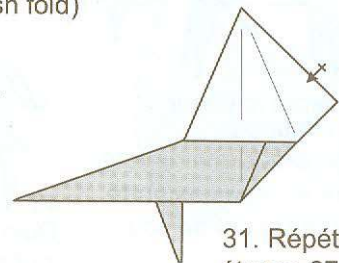
28. Cacher à l'intérieur.



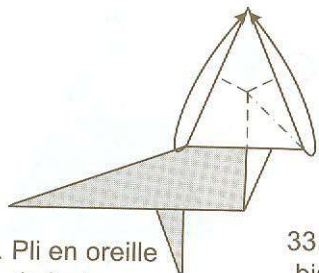
29. Pli en oreille de lapin.



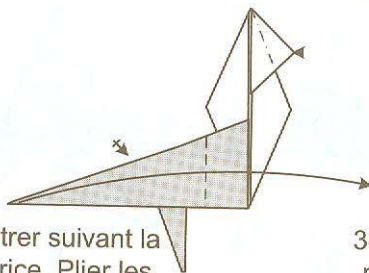
30. Plier la partie en couleur vers la gauche.



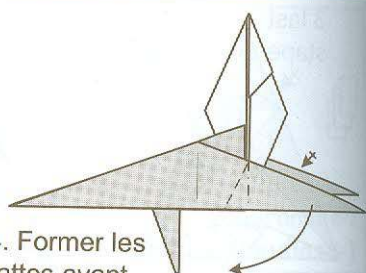
31. Répéter les étapes 27 à 29.



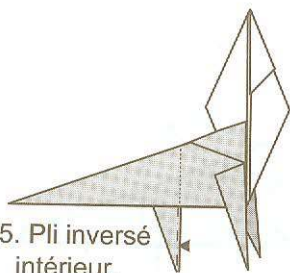
32. Pli en oreille de lapin.



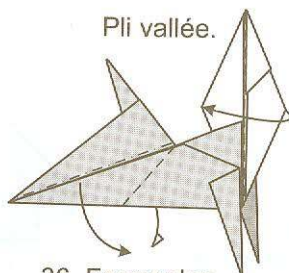
33. Rentrer suivant la bissectrice. Plier les pattes vers l'avant.



34. Former les pattes avant.

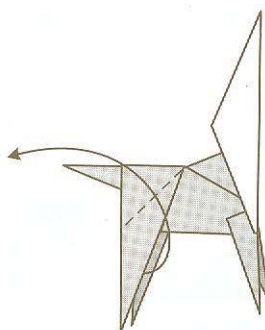


35. Pli inversé intérieur.

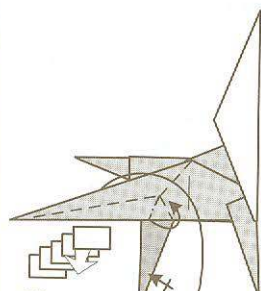


Pli vallée.

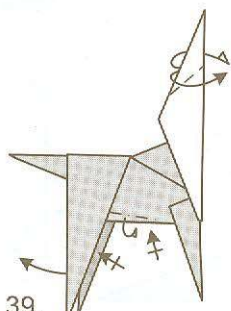
36. Former les pattes arrière.



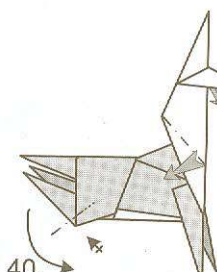
37. Pli vallée pour les pattes arrière.



38. Pli oreille de lapin pour l'intérieur des pattes arrière. Répéter les étapes 37-38 sur l'autre patte.



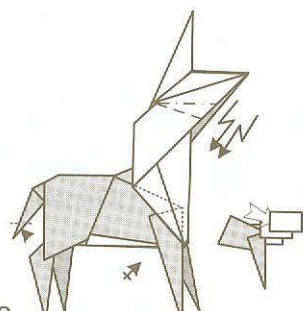
39. Pli inversé intérieur pour les pattes arrière. Pli montagne pour la couche supérieure de papier du ventre.



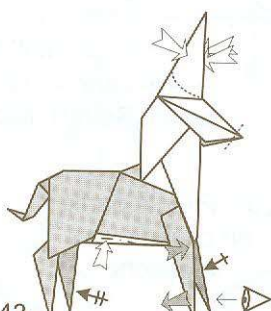
40. Pli inversé intérieur pour les pattes arrière. Sortir des épaisseurs de la tête, ouvrir le cou.



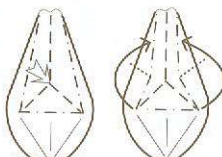
41. Pli inversé intérieur pour la queue. Pli zig-zag entre les épaisseurs du cou.



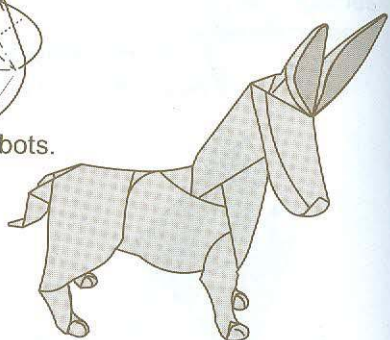
42. Pli inversé intérieur pour la queue. Crimp pour former la tête. Passer les épaules entre les épaisseurs du cou.



43. Ouvrir les oreilles. Former les sabots.



Former les sabots.

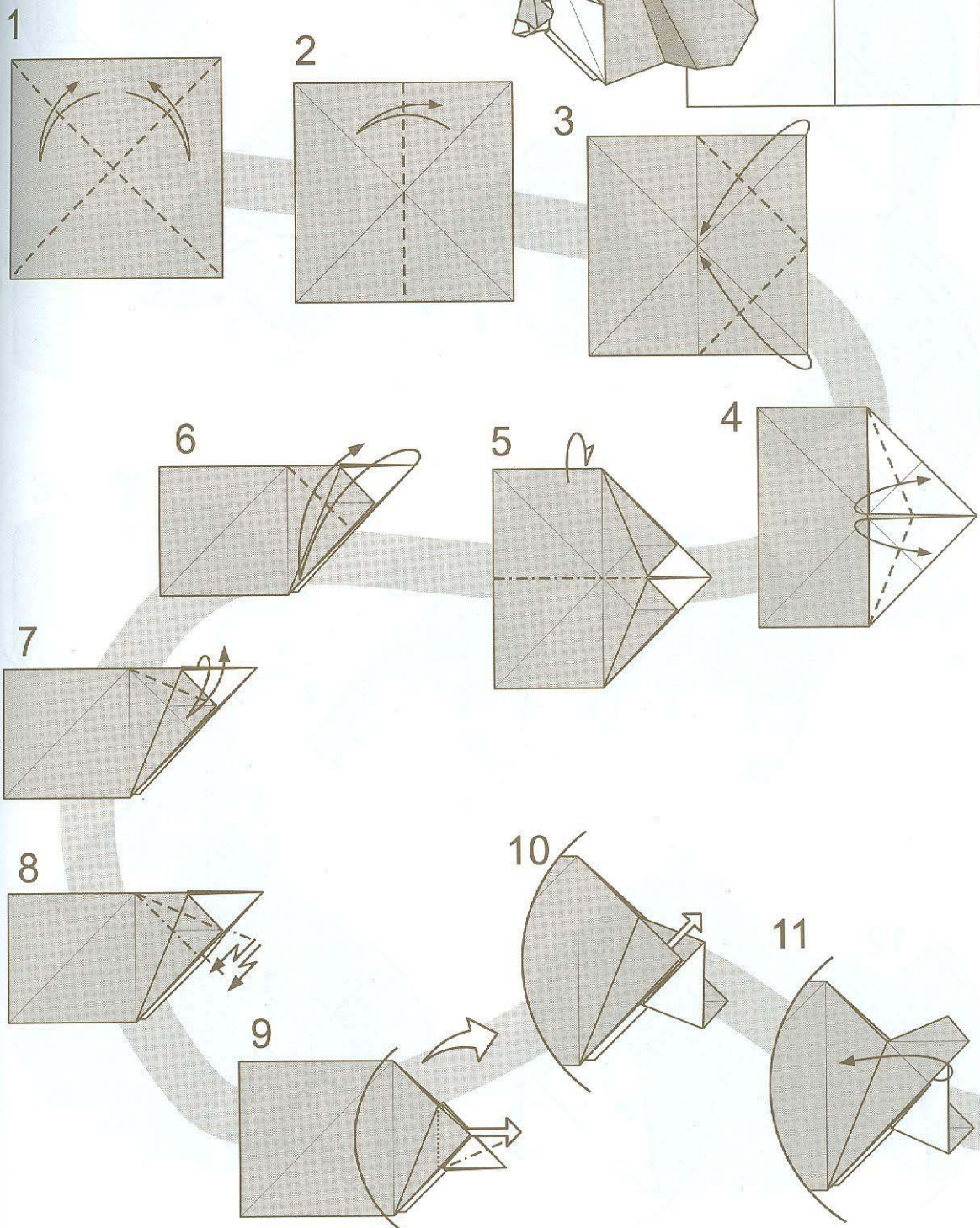


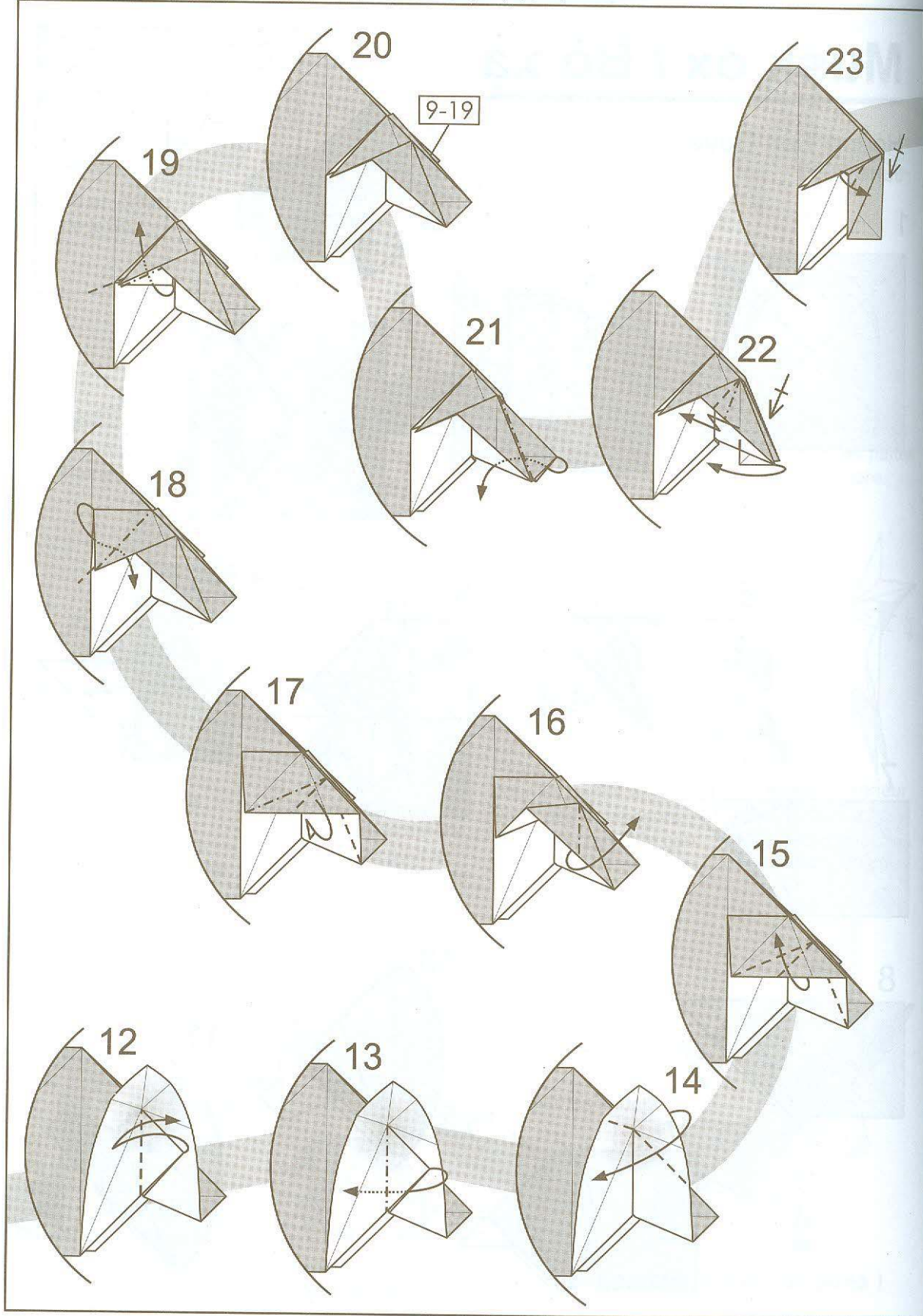
Le petit âne est terminé !

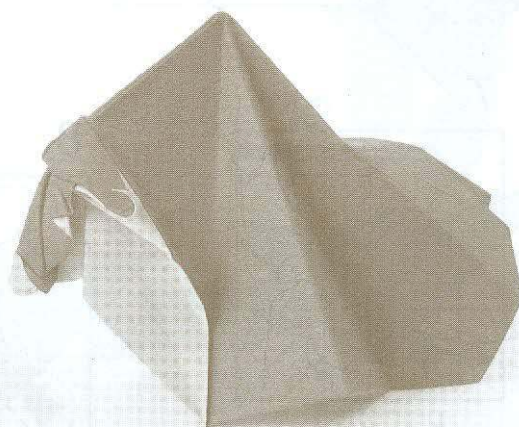
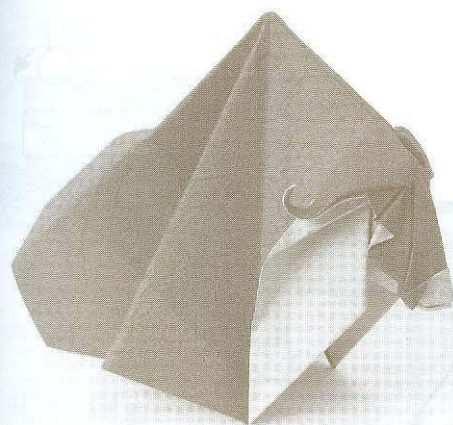
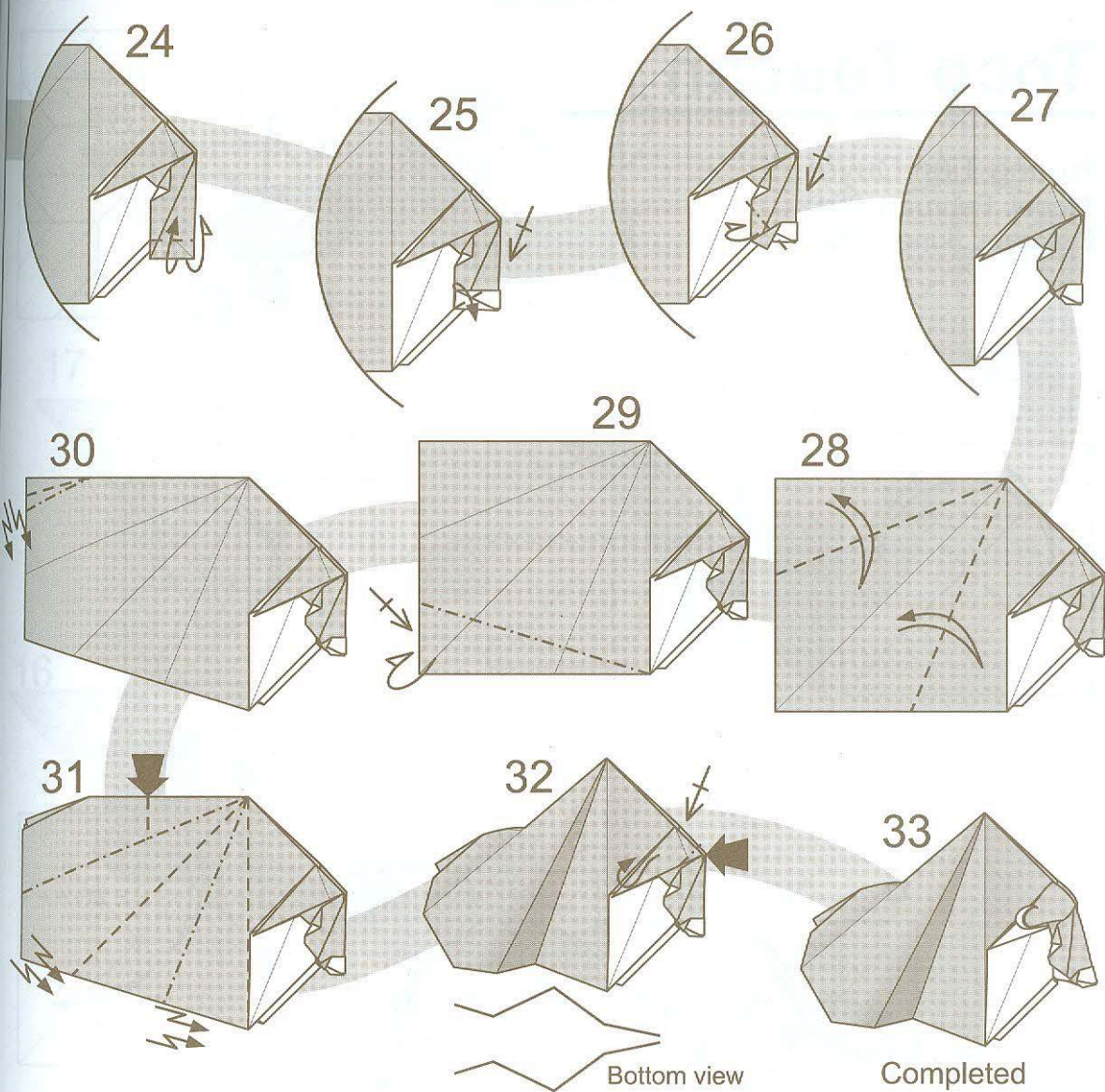


Musk ox / Bò xạ

Hoàng Tiên Quyet
June 2012





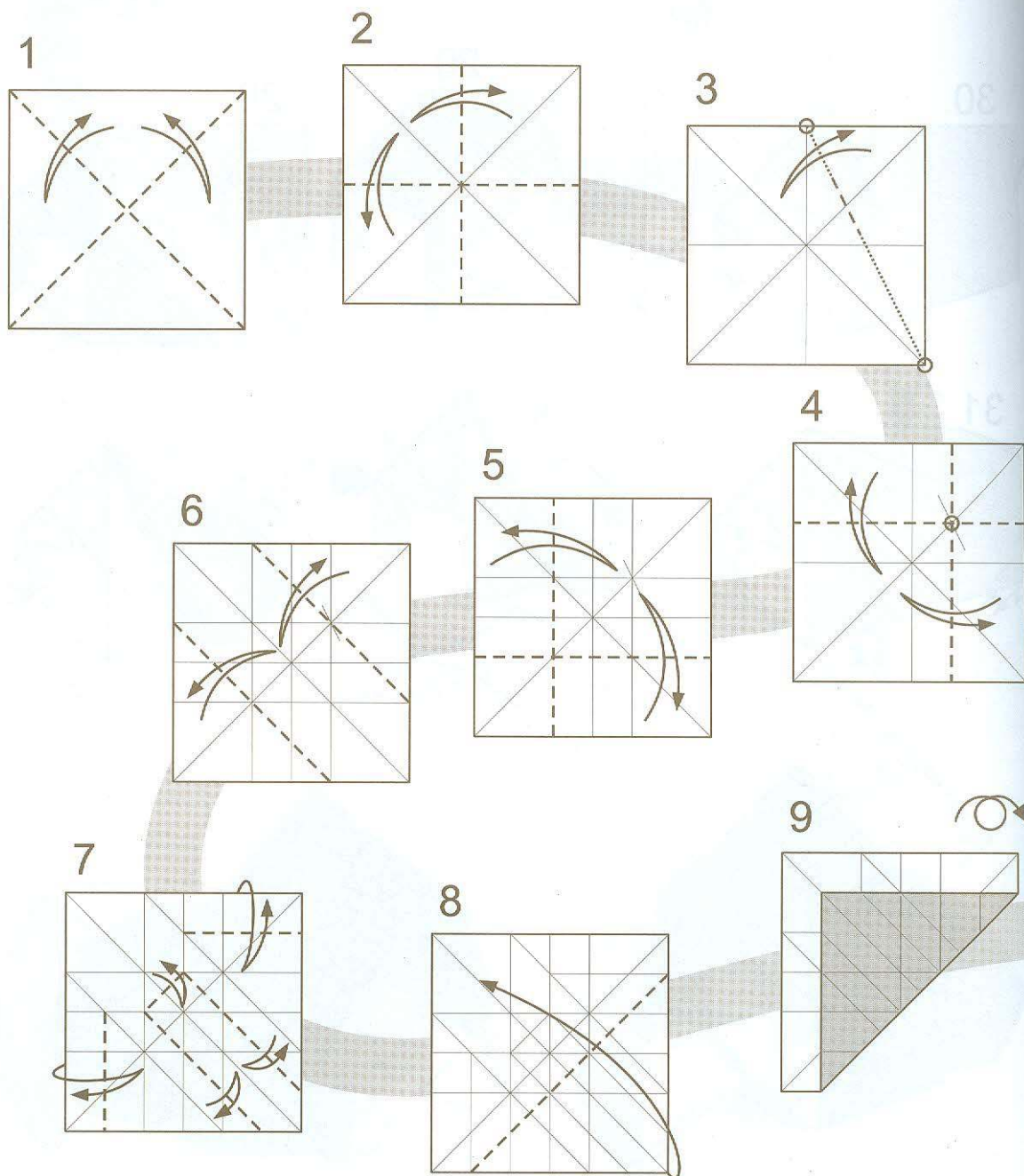
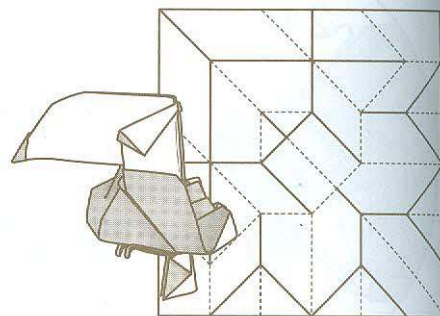


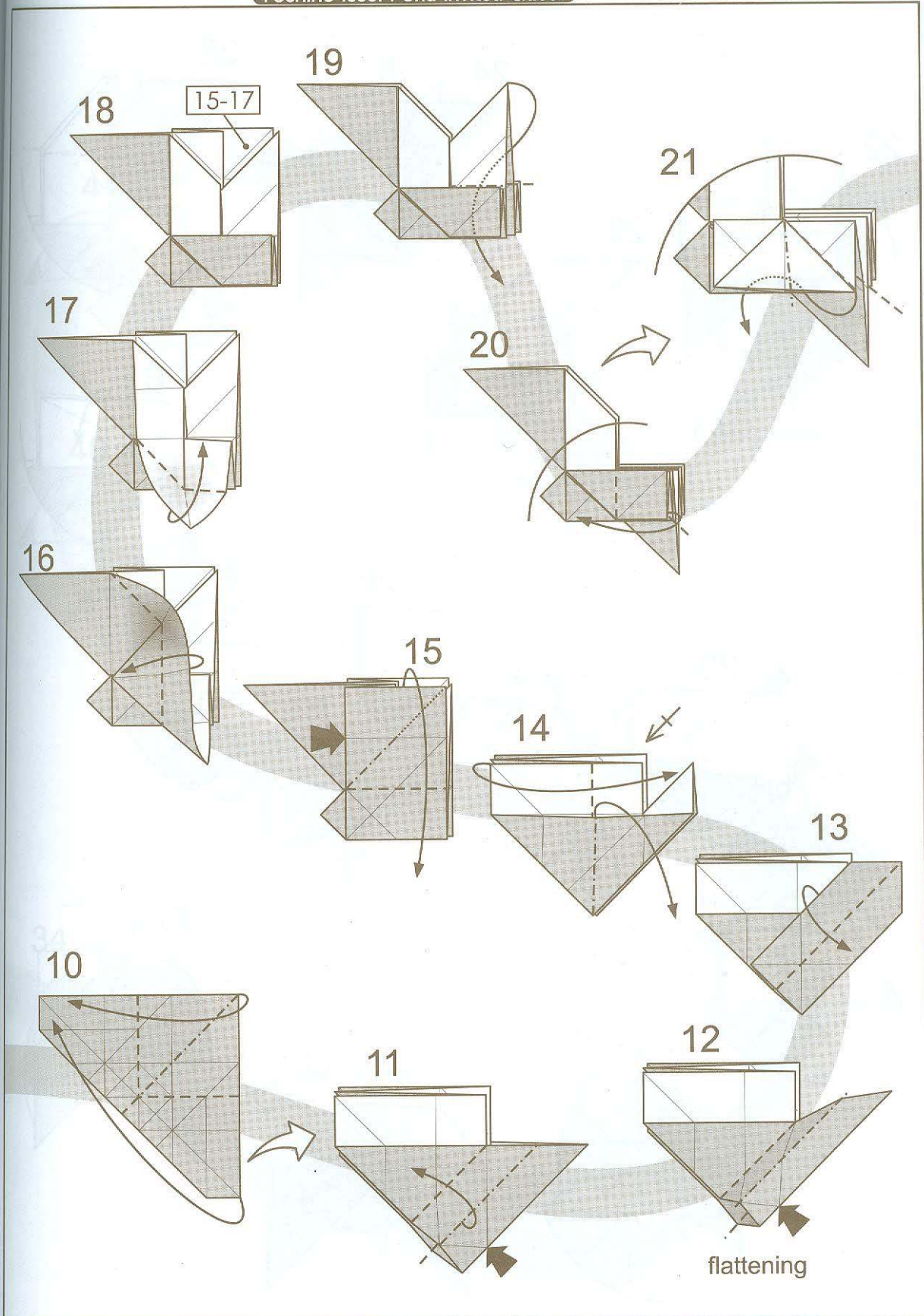
Toco Toucan

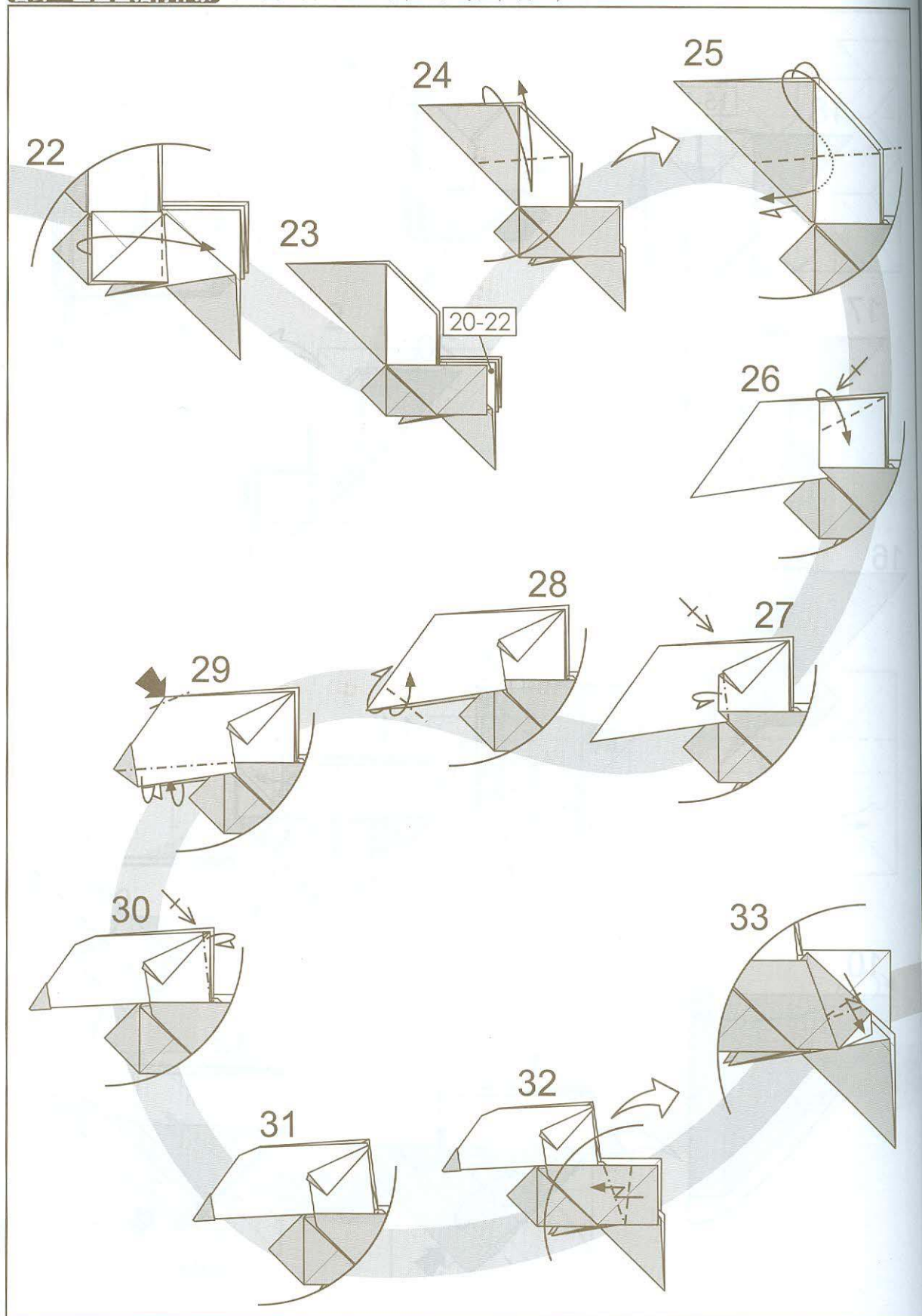
Hoàng Tiến Quyết

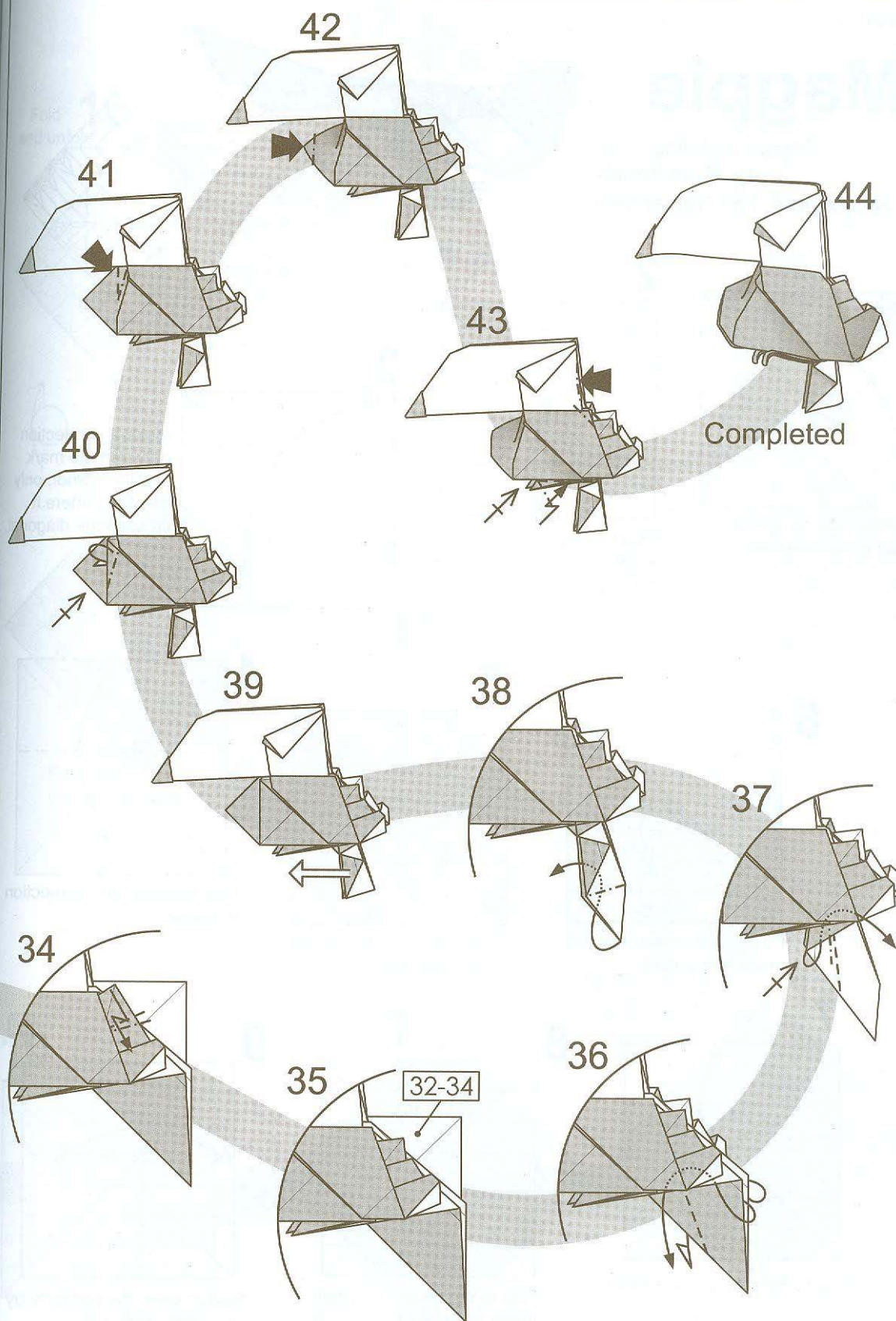
Model: February 2012

Diagram: June 2012





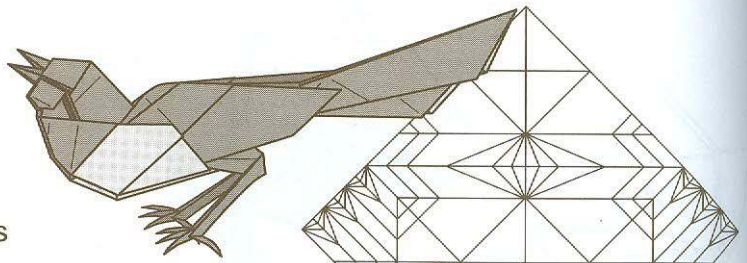




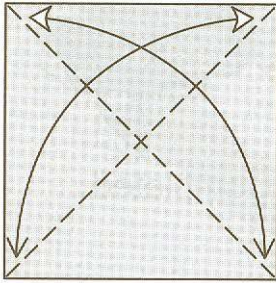
05/2012

Magpie

Design and diagrams
by Ryan Welsh
Amsterdam, The Netherlands

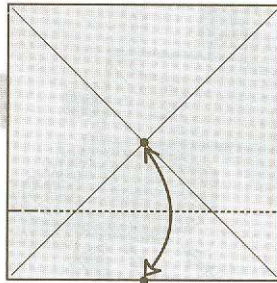


1



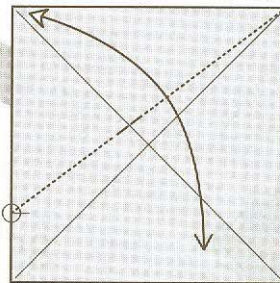
White side up. Crease along the diagonals.

2



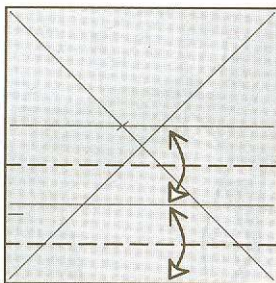
Fold the lower edge to the center and unfold, marking 1/4 of the edge.

3



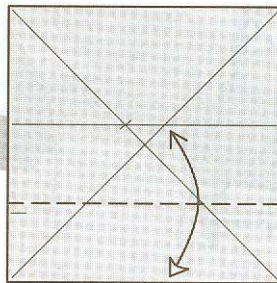
Make a connection between the mark and the corner, only creasing where it crosses the diagonal.

6



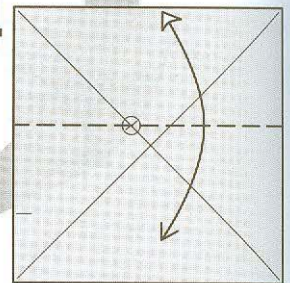
Fold to the crease you just made and unfold.

5



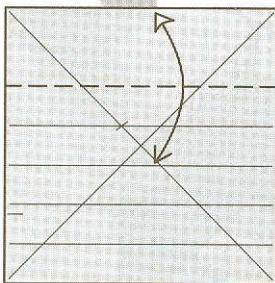
Fold to the crease you just made and unfold.

4



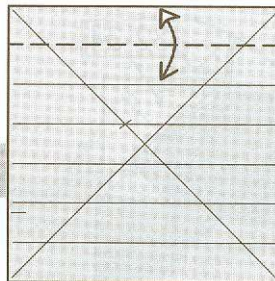
Fold through the intersection of creases.

7



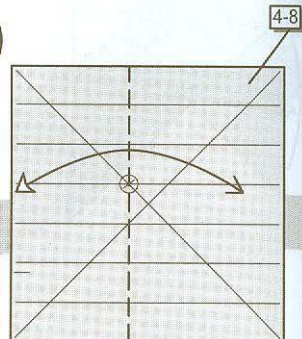
Fold to the crease and unfold.

8



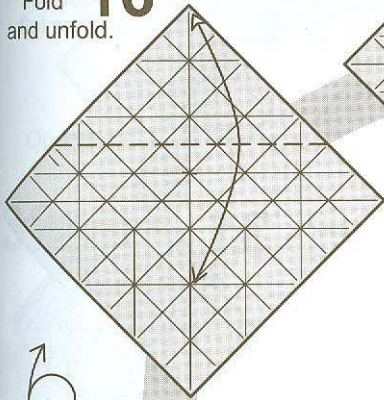
Fold to the crease you just made and unfold.

9

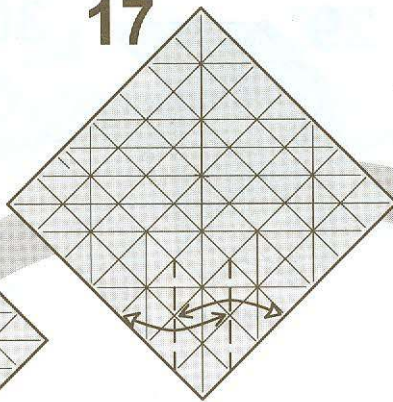


Fold in sevenths vertically by repeating steps 4-8.

16
Fold
and unfold.

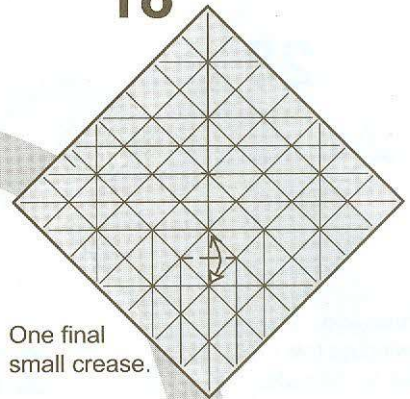


17



Fold and unfold.

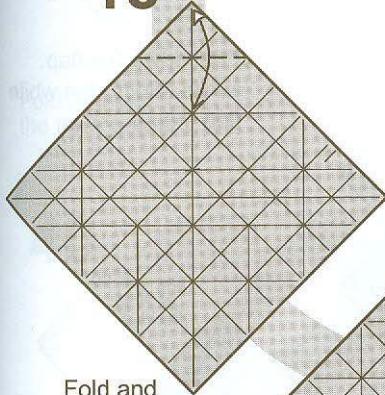
18



One final
small crease.

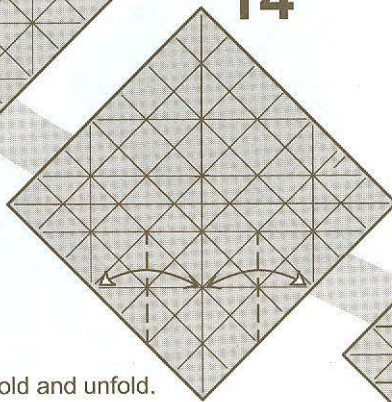


15



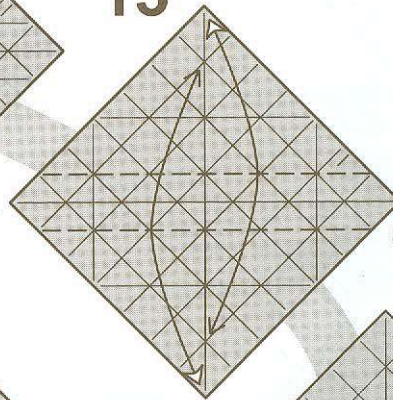
Fold and
unfold. Turn over.

14



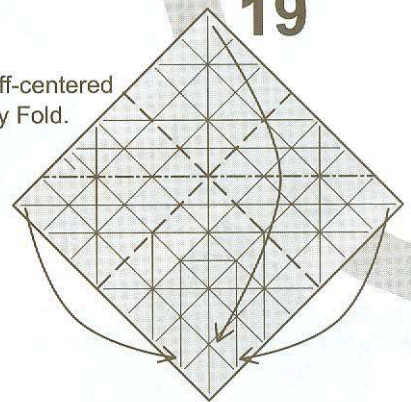
Fold and unfold.

13



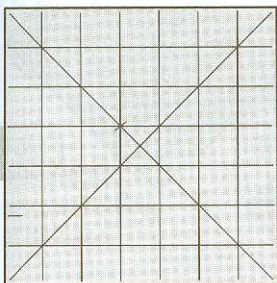
Fold
and unfold.

19

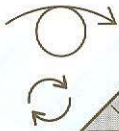


Form an off-centered
Preliminary Fold.

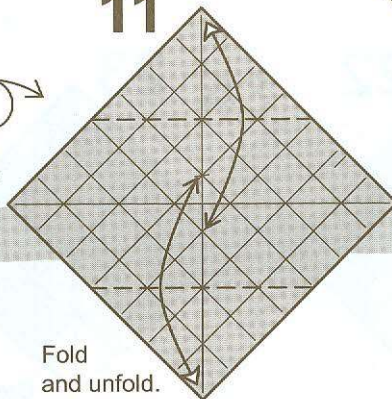
10



Rotate and turn over.

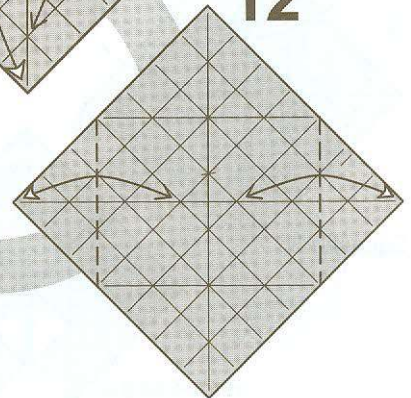


11

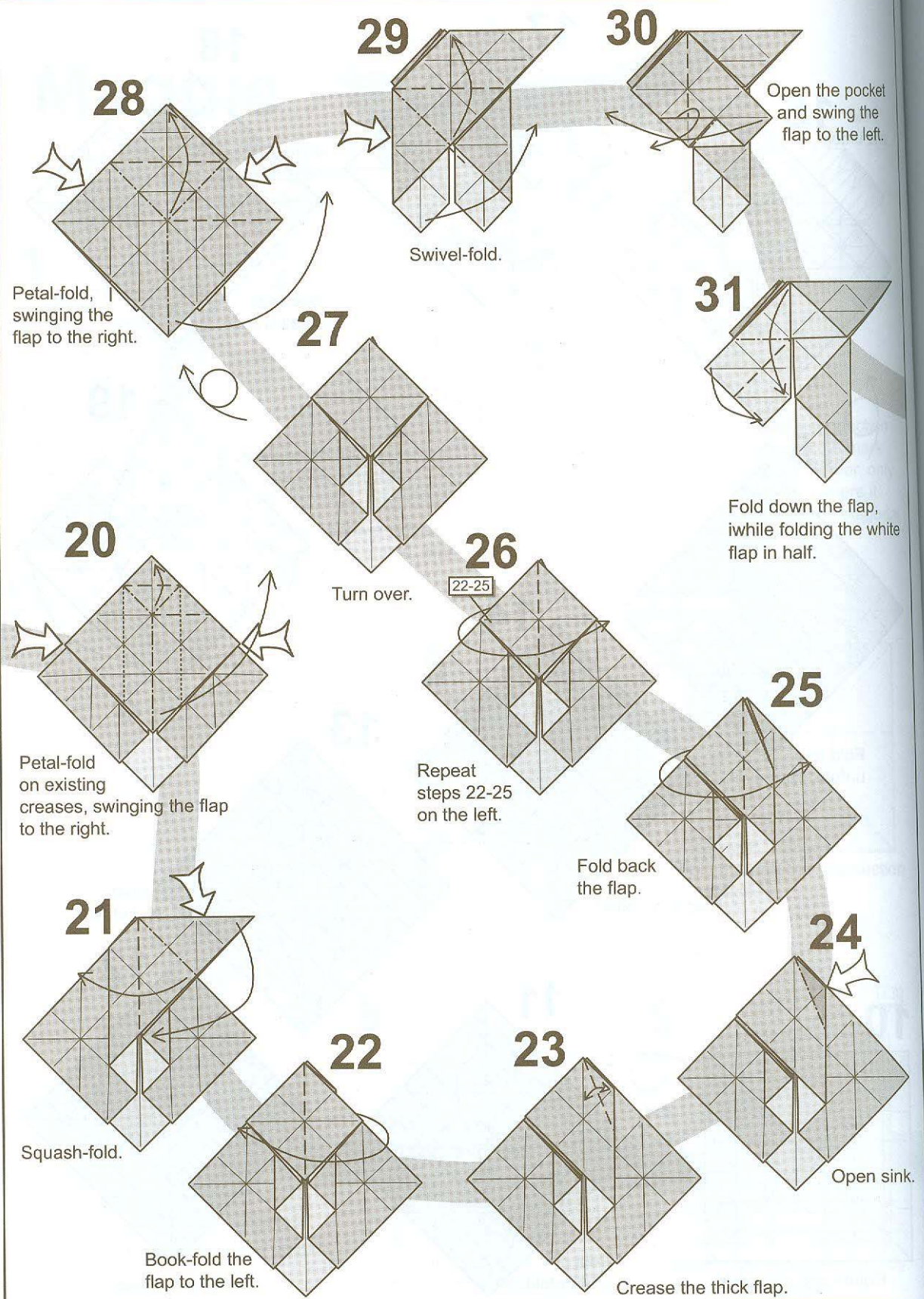


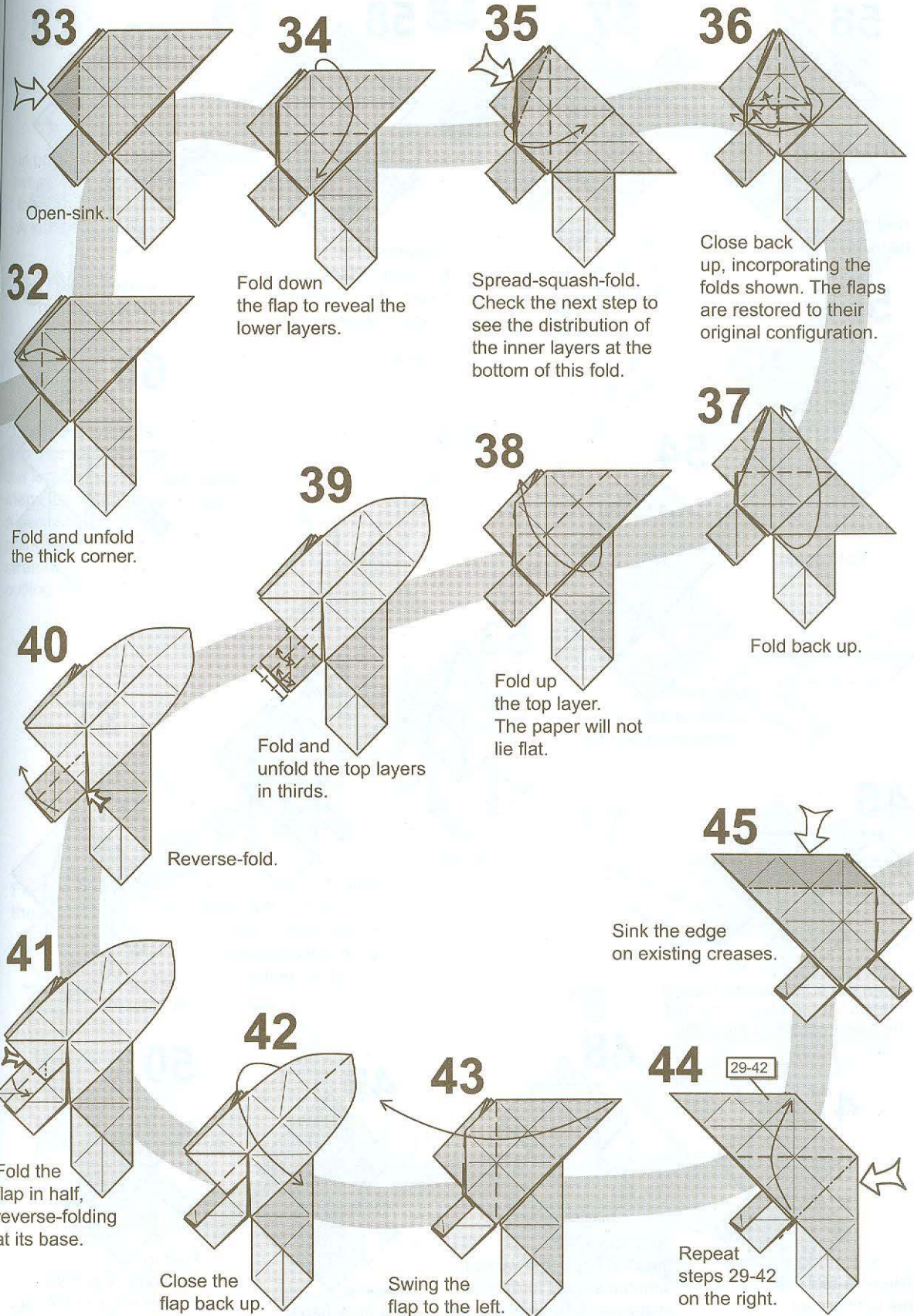
Fold
and unfold.

12



Fold and unfold.





33

Open-sink.

32

Fold and unfold the thick corner.

40

Reverse-fold.

41

Fold the flap in half, reverse-folding at its base.

34

Fold down the flap to reveal the lower layers.

39

Fold and unfold the top layers in thirds.

42

Close the flap back up.

35

Spread-squash-fold. Check the next step to see the distribution of the inner layers at the bottom of this fold.

38

Fold up the top layer. The paper will not lie flat.

43

Swing the flap to the left.

36

Close back up, incorporating the folds shown. The flaps are restored to their original configuration.

37

Fold back up.

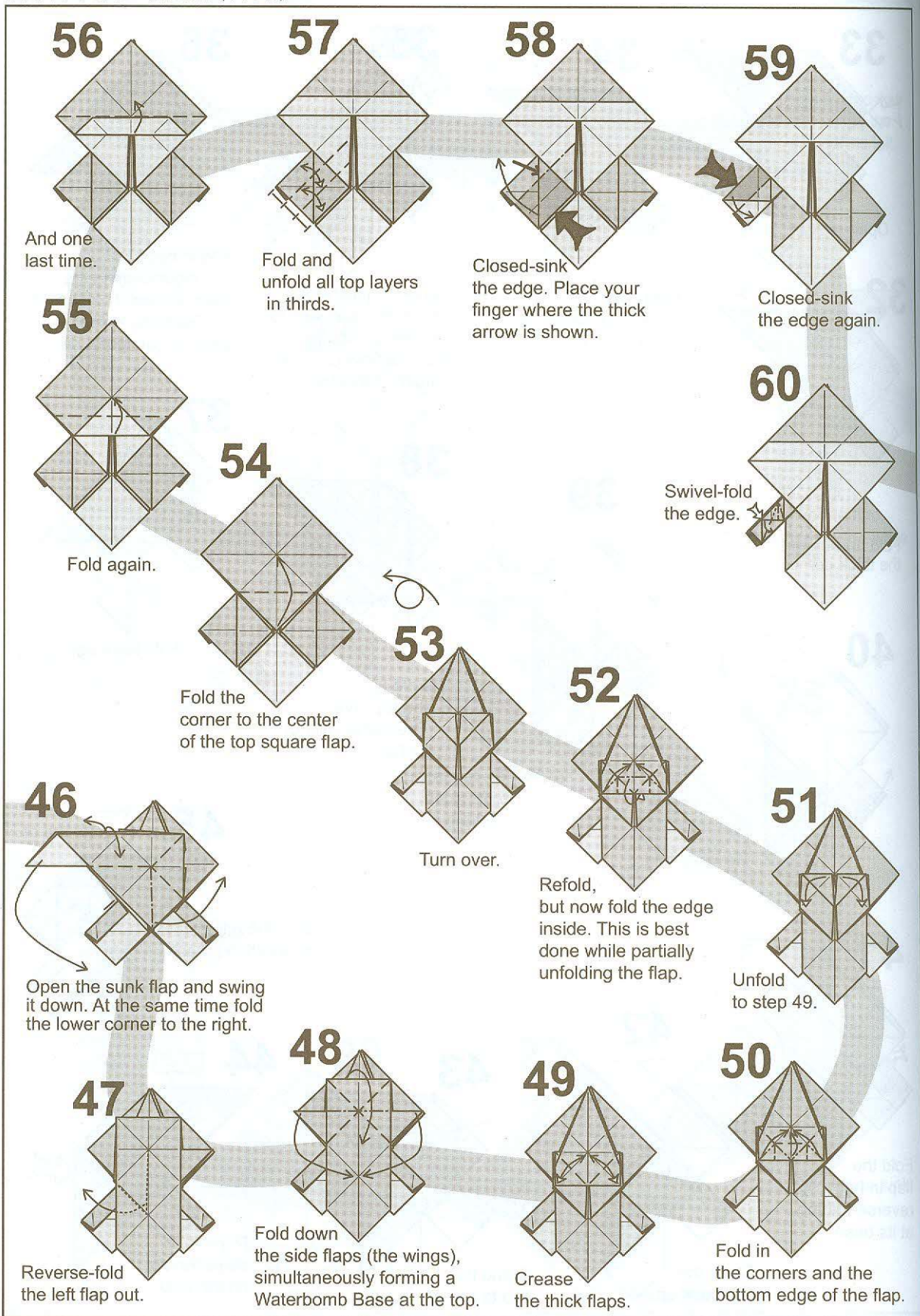
45

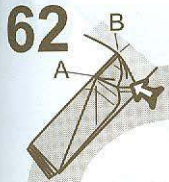
Sink the edge on existing creases.

44

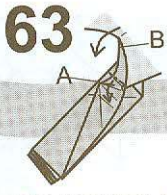
Repeat steps 29-42 on the right.

29-42

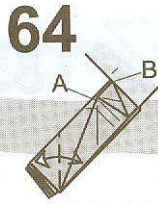




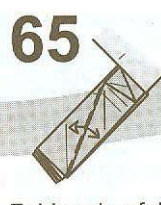
62
In progress. Push where shown and form an edge from A to B.



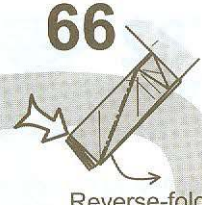
63
Finished stretch. Start restoring the layers. Look at the next step for the result.



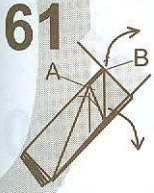
64
Like this. Fold and unfold the top layers.



65
Fold and unfold.



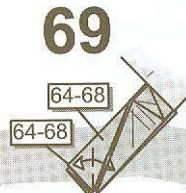
66
Reverse-fold.



67
Reverse-fold.



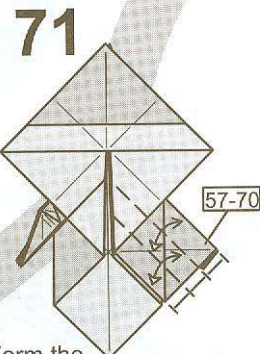
68
Reverse-fold.



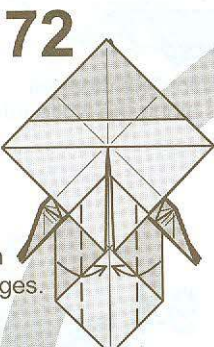
69
Repeat steps 64-68 on the lower two flaps.



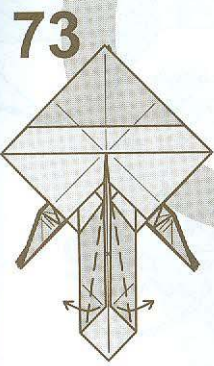
70
Finished leg (for now).



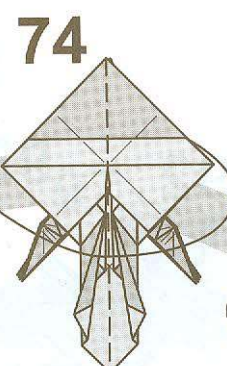
71
Form the other leg by repeating steps 57-70 on the right.



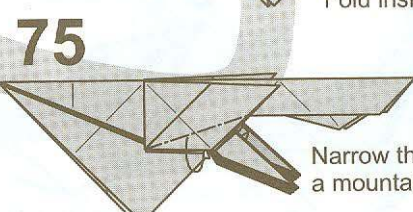
72
Fold in the edges.



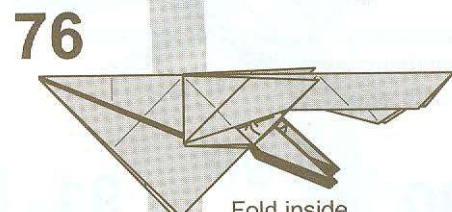
73
Valley-fold out.



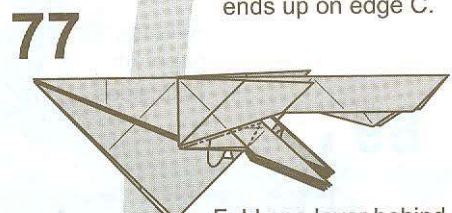
74
Carefully fold in half. Rotate.



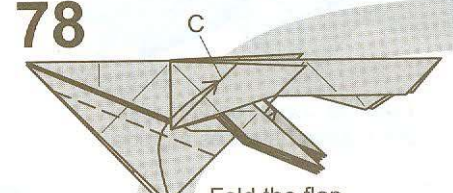
75
Narrow the wing with a mountain fold.



76
Fold inside.

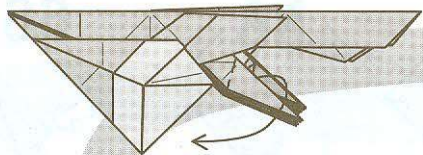


77
Fold one layer behind.



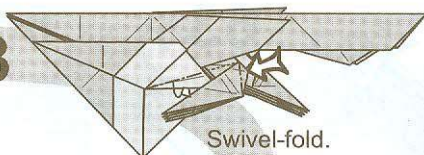
78
Fold the flap. Make sure the corner ends up on edge C.

82



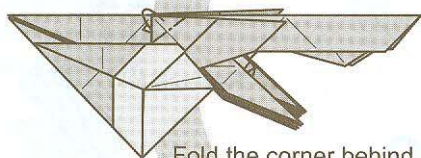
Fold down the leg as far as it will go.

83



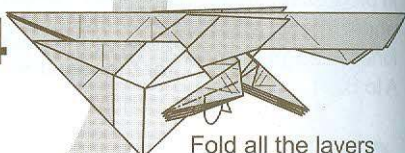
Swivel-fold.

81



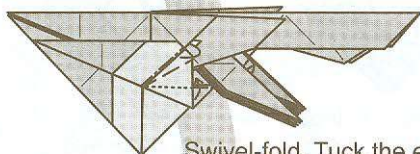
Fold the corner behind.

84



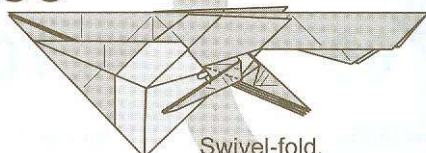
Fold all the layers of the leg in half.

80



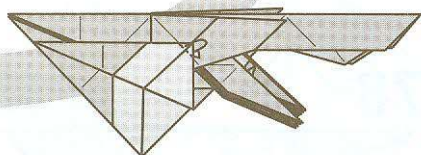
Swivel-fold. Tuck the edge inside the slot behind it.

85



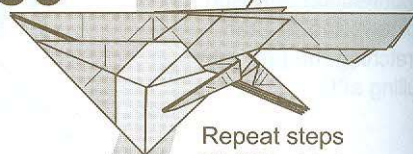
Swivel-fold.

79



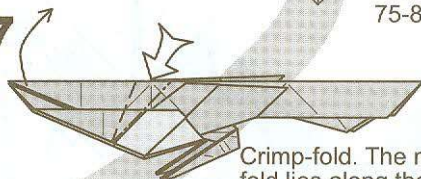
Fold the corner behind. Use the crease below as a guide

86



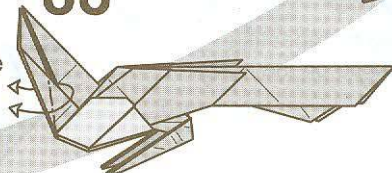
Repeat steps 75-85 behind.

87



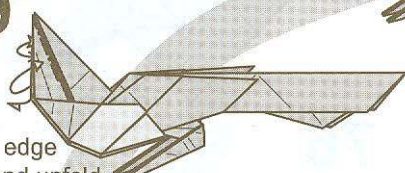
Crimp-fold. The mountain fold lies along the white edge.

88



Release the paper on both sides.

89



Fold the edge behind and unfold on both sides.

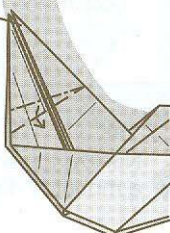
94

91-93

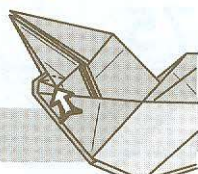
Repeat steps 91-93 behind.

90

Detail of the head.
Crimp-fold.

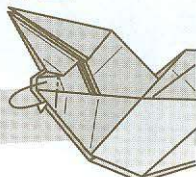


91



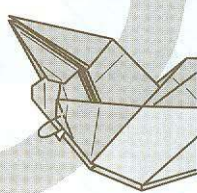
Reverse-fold.

92

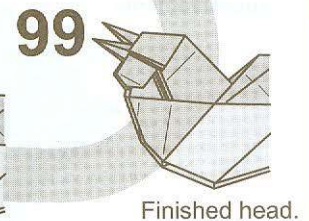
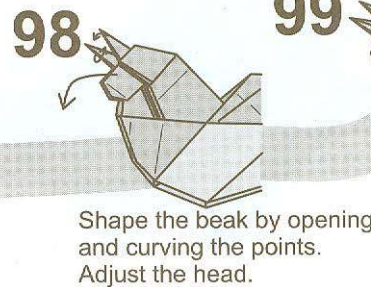
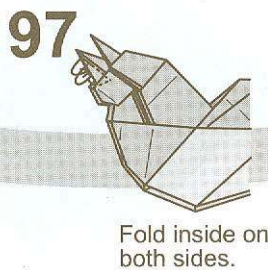
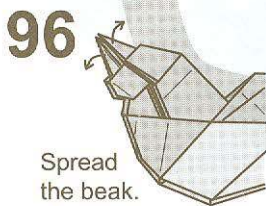
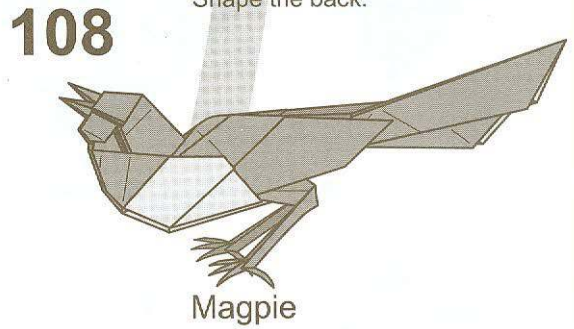
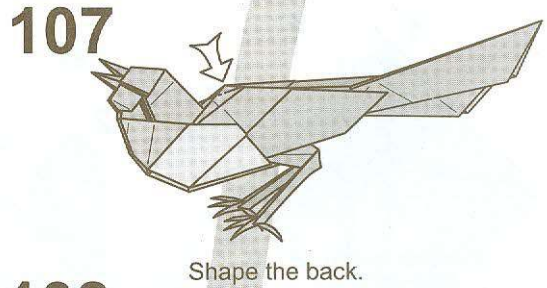
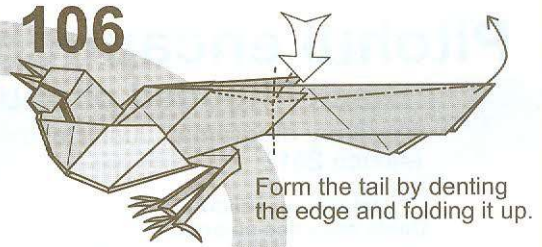
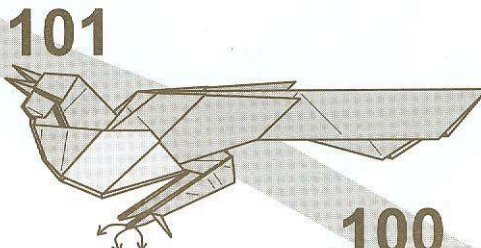
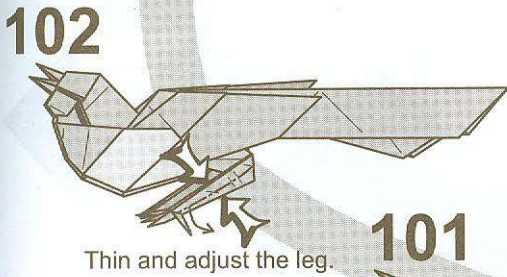
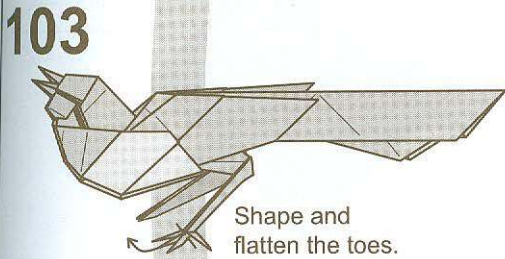
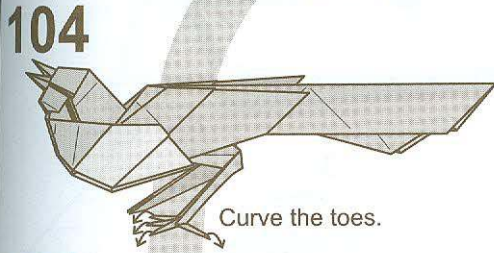
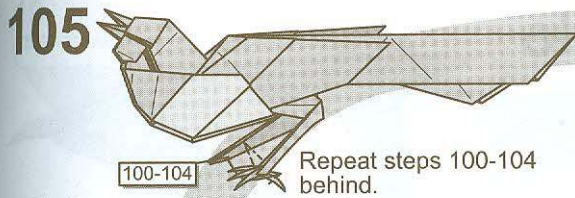


Fold the edge behind.

93



Fold some more paper behind.



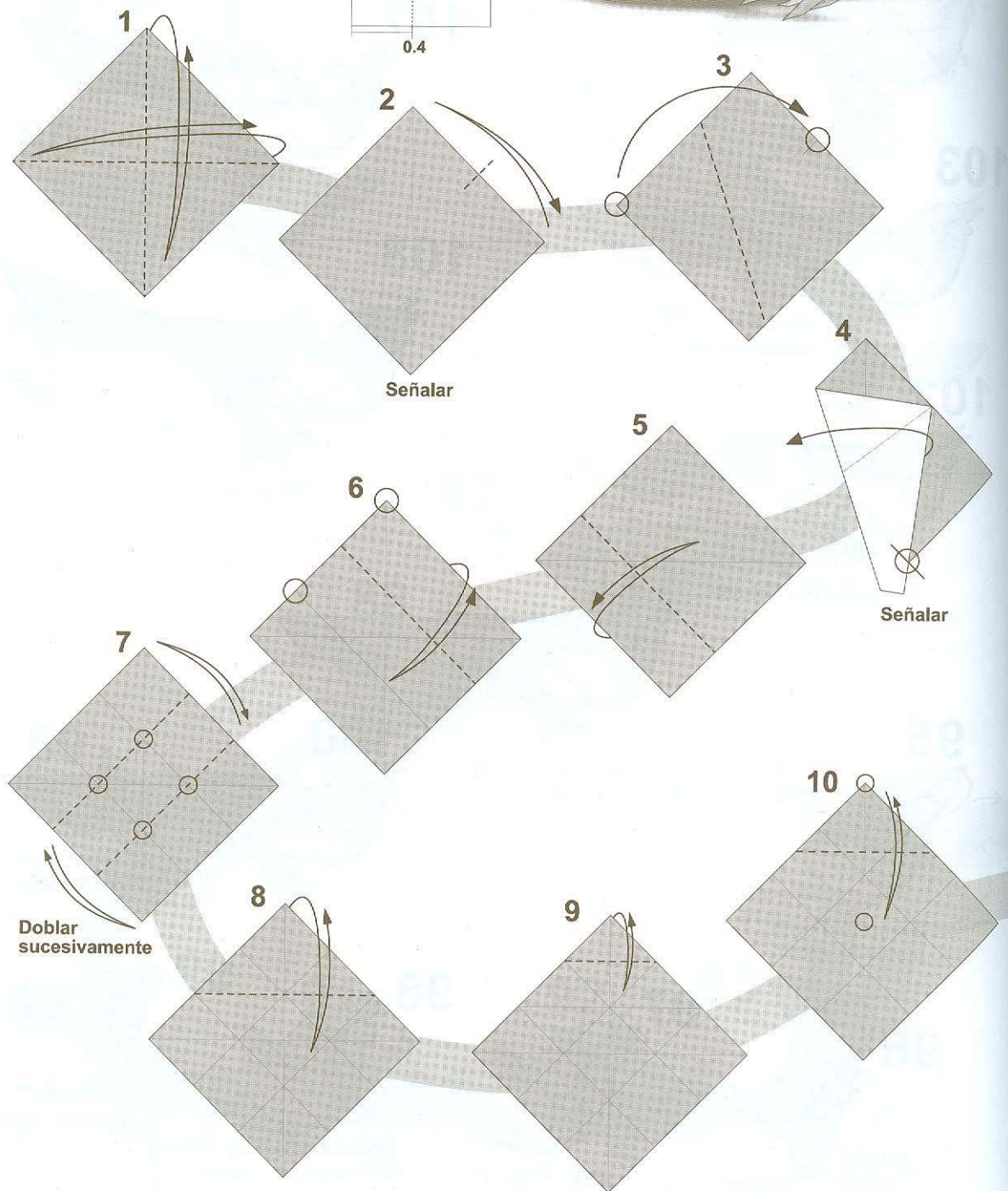
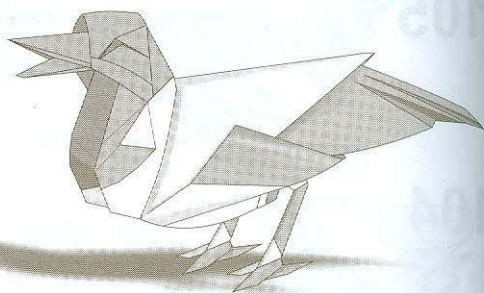
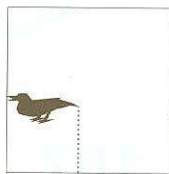
Pitohui encapuchado

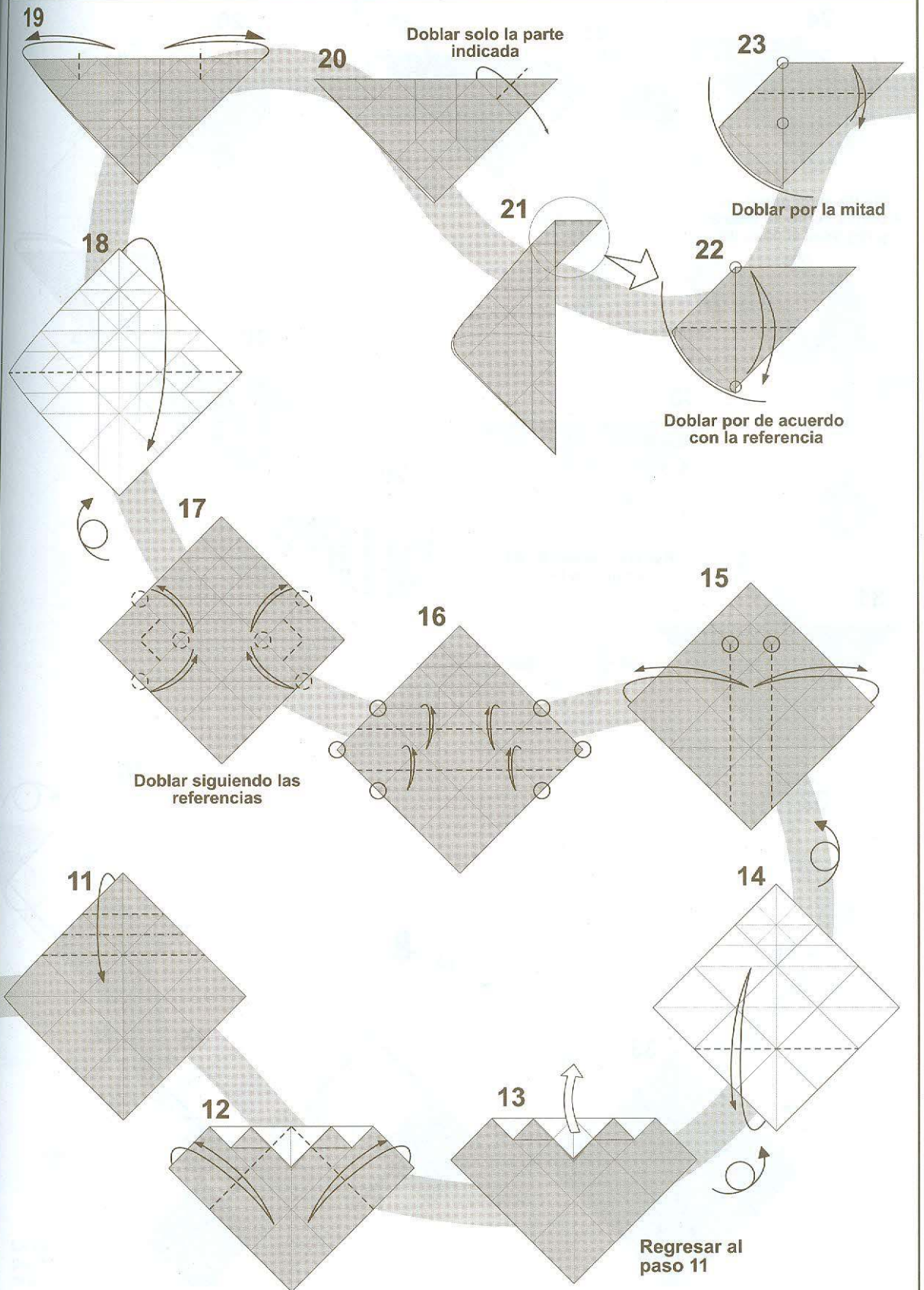
(Black - hooded pitohui)

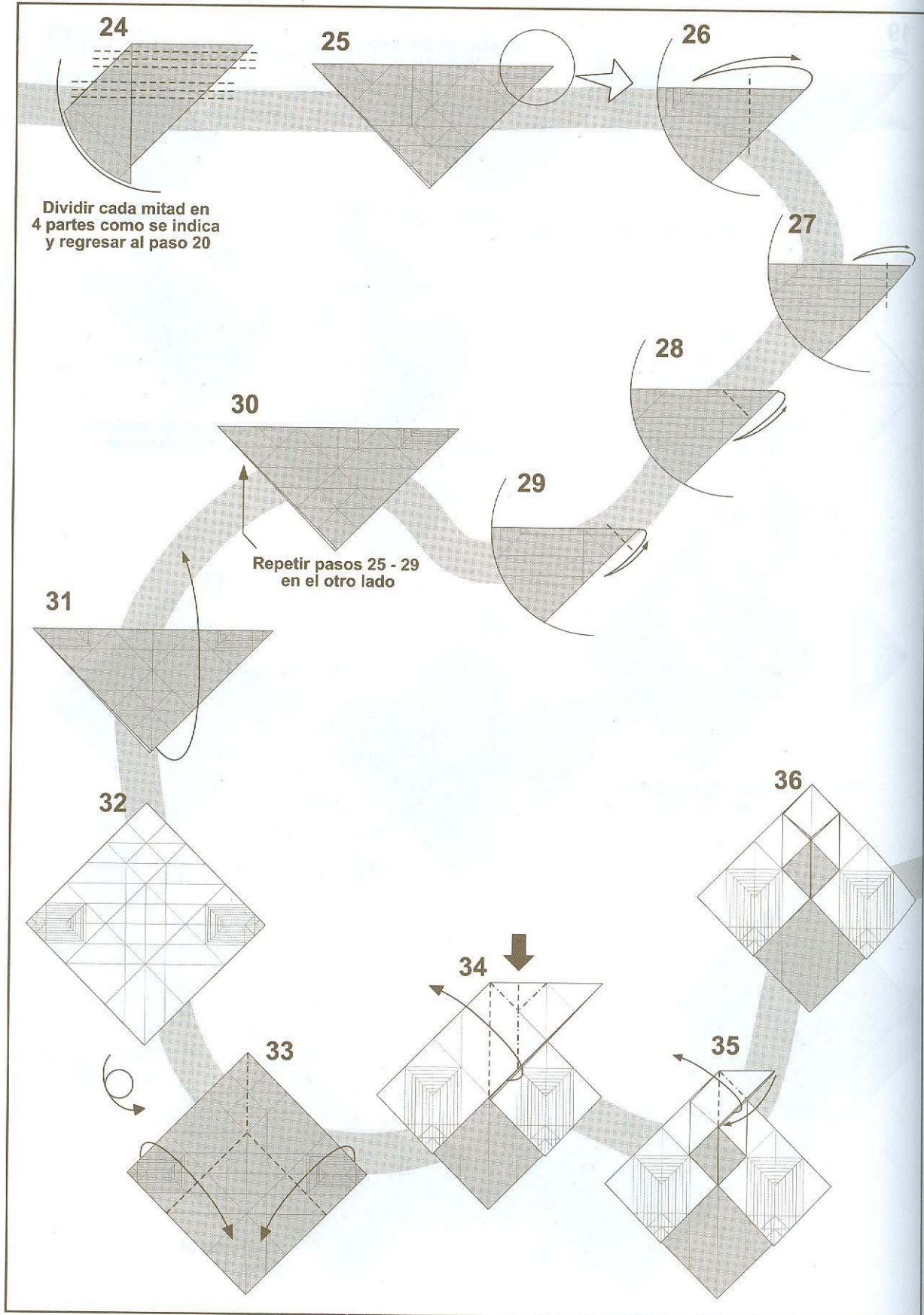
Modelo y diagrama: Juan Campos
México 2012

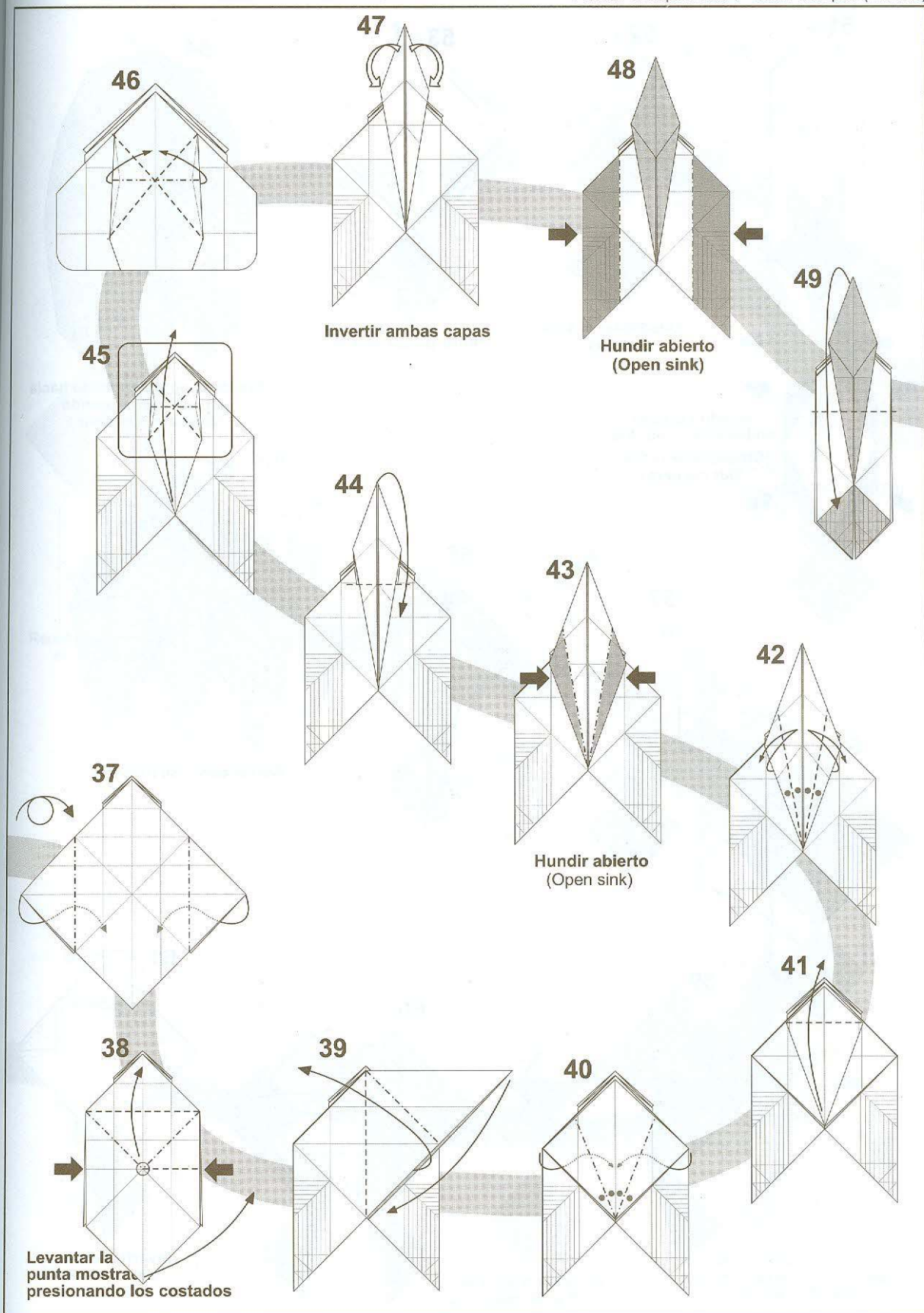
Papel recomendado:
Doble seda dos colores

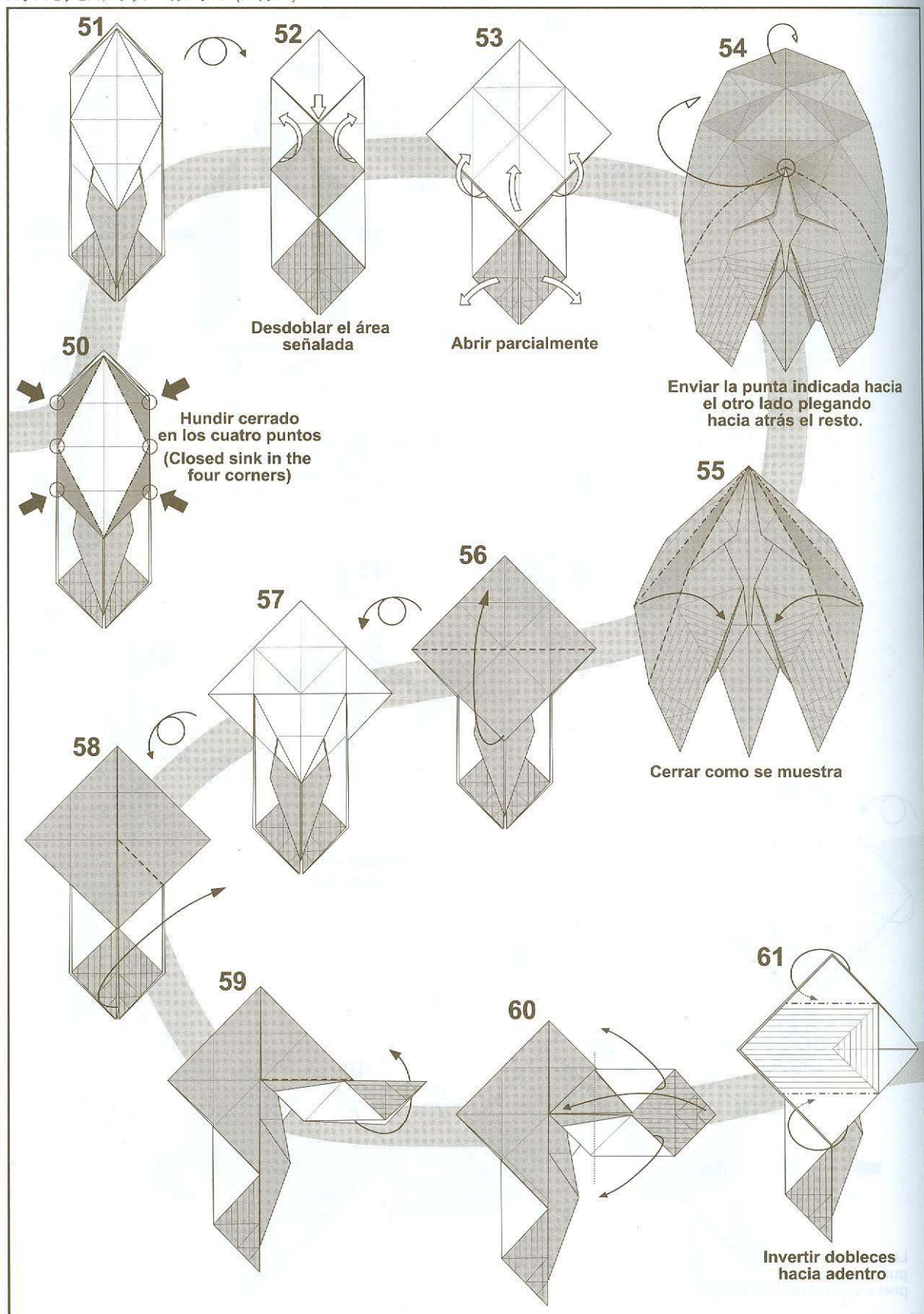
Tamaño: 50 x 50 cm

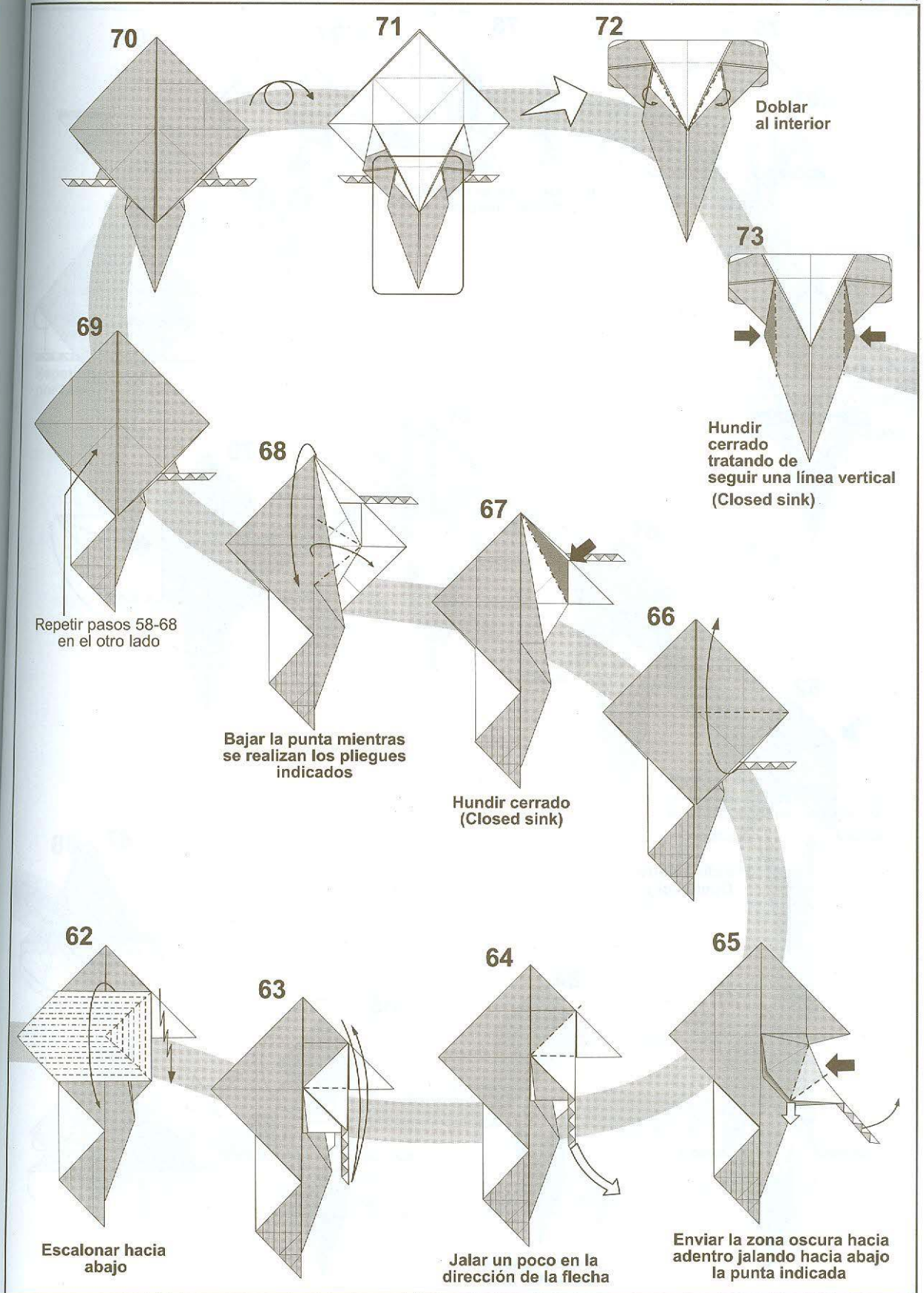


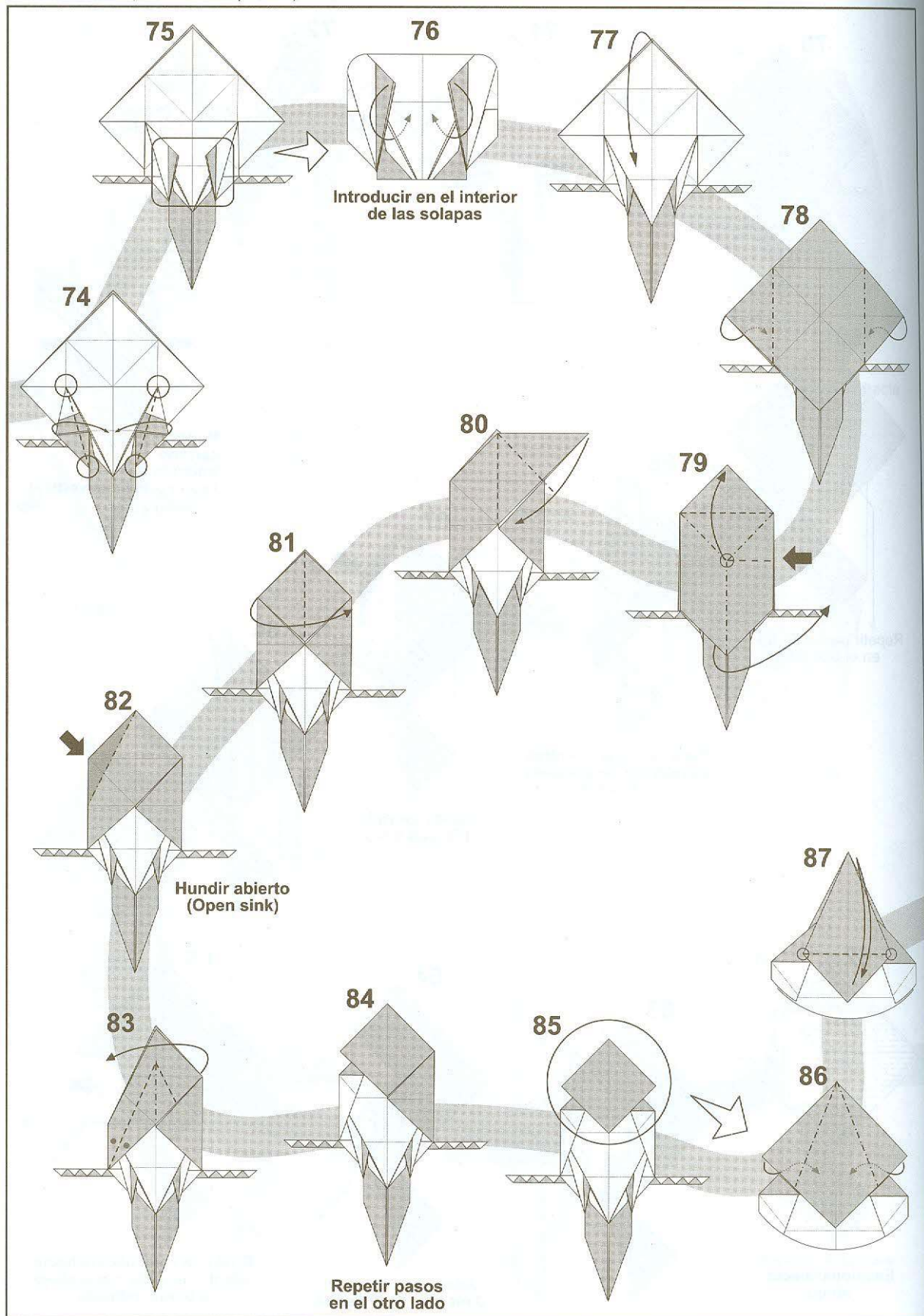


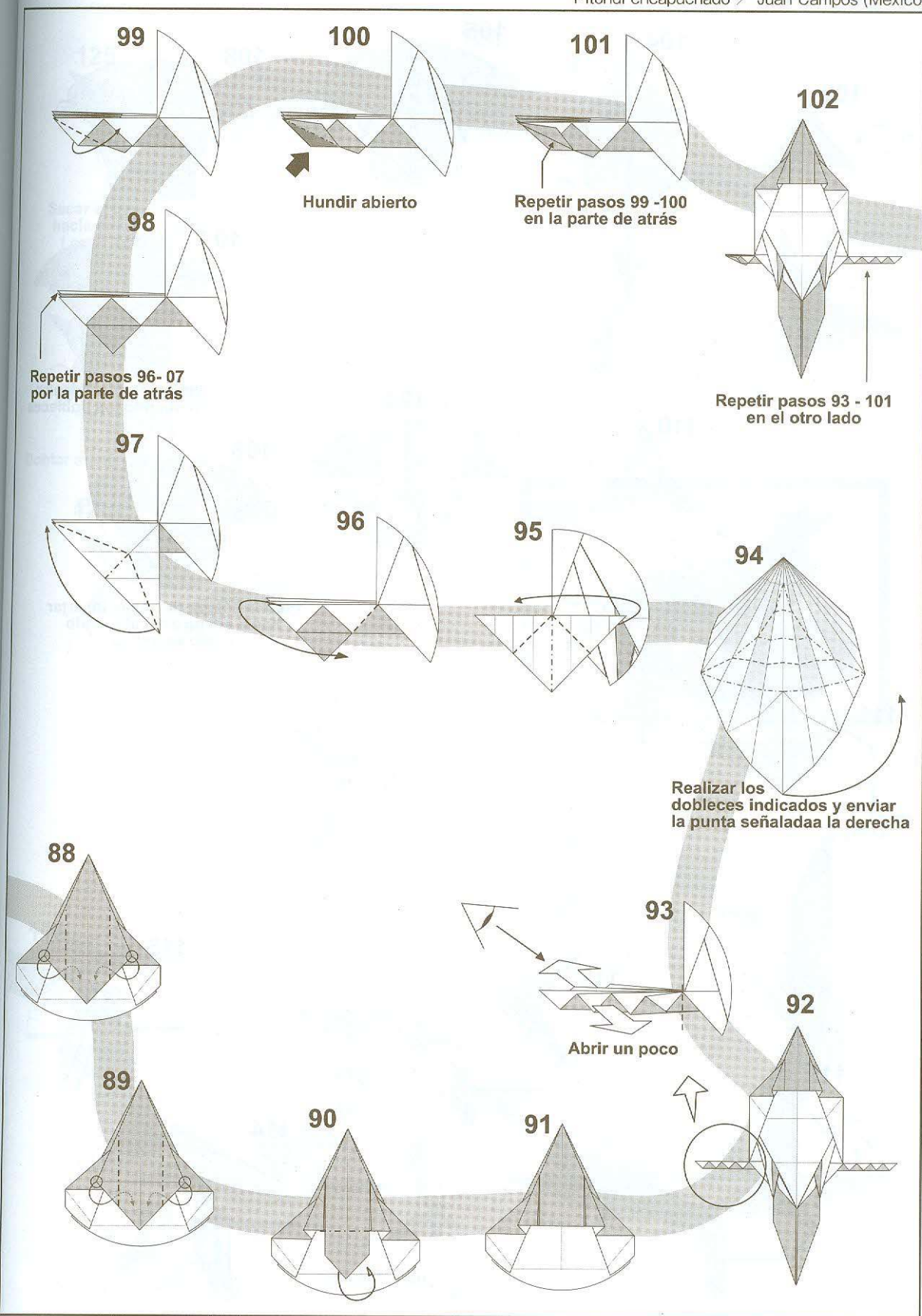


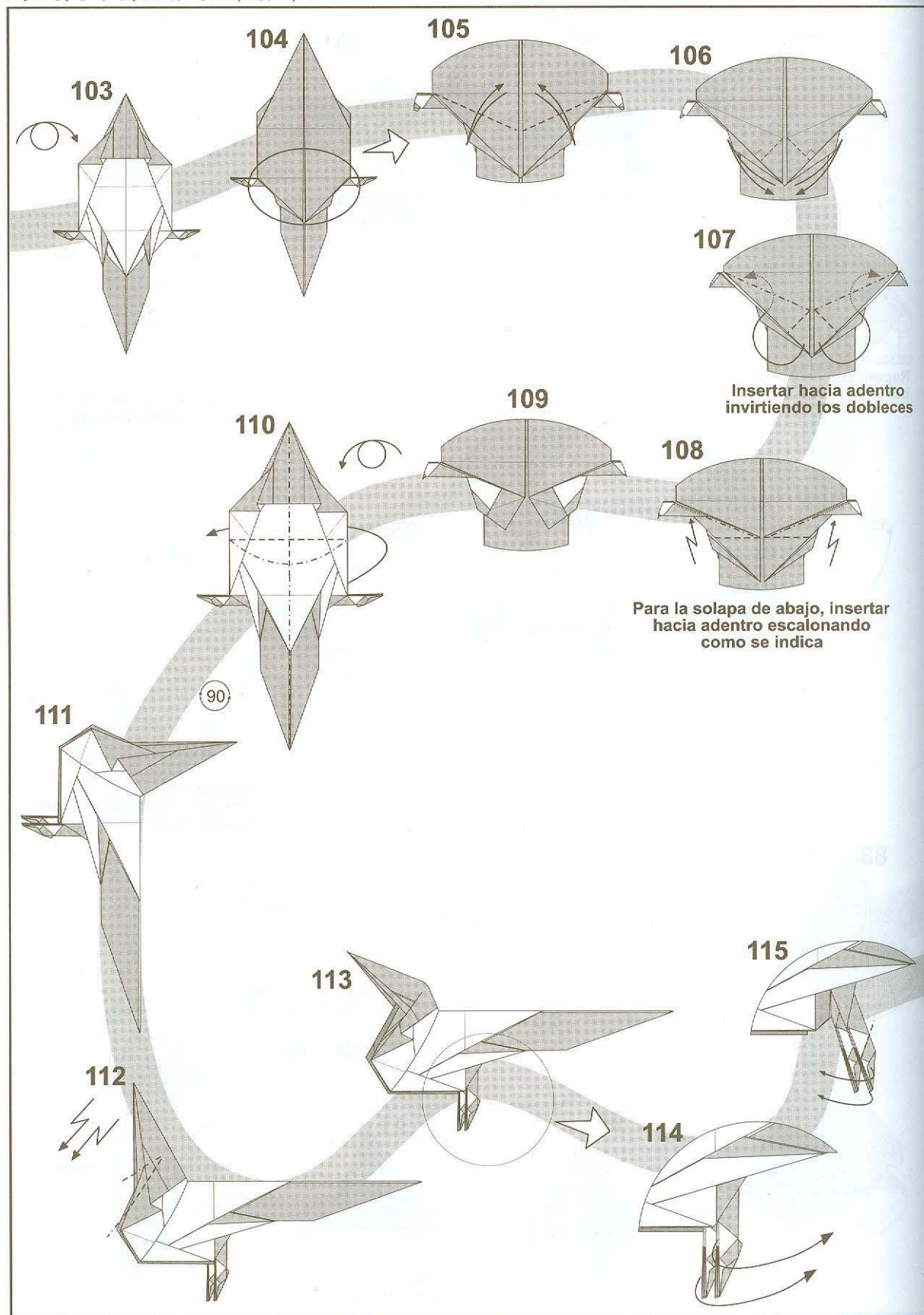


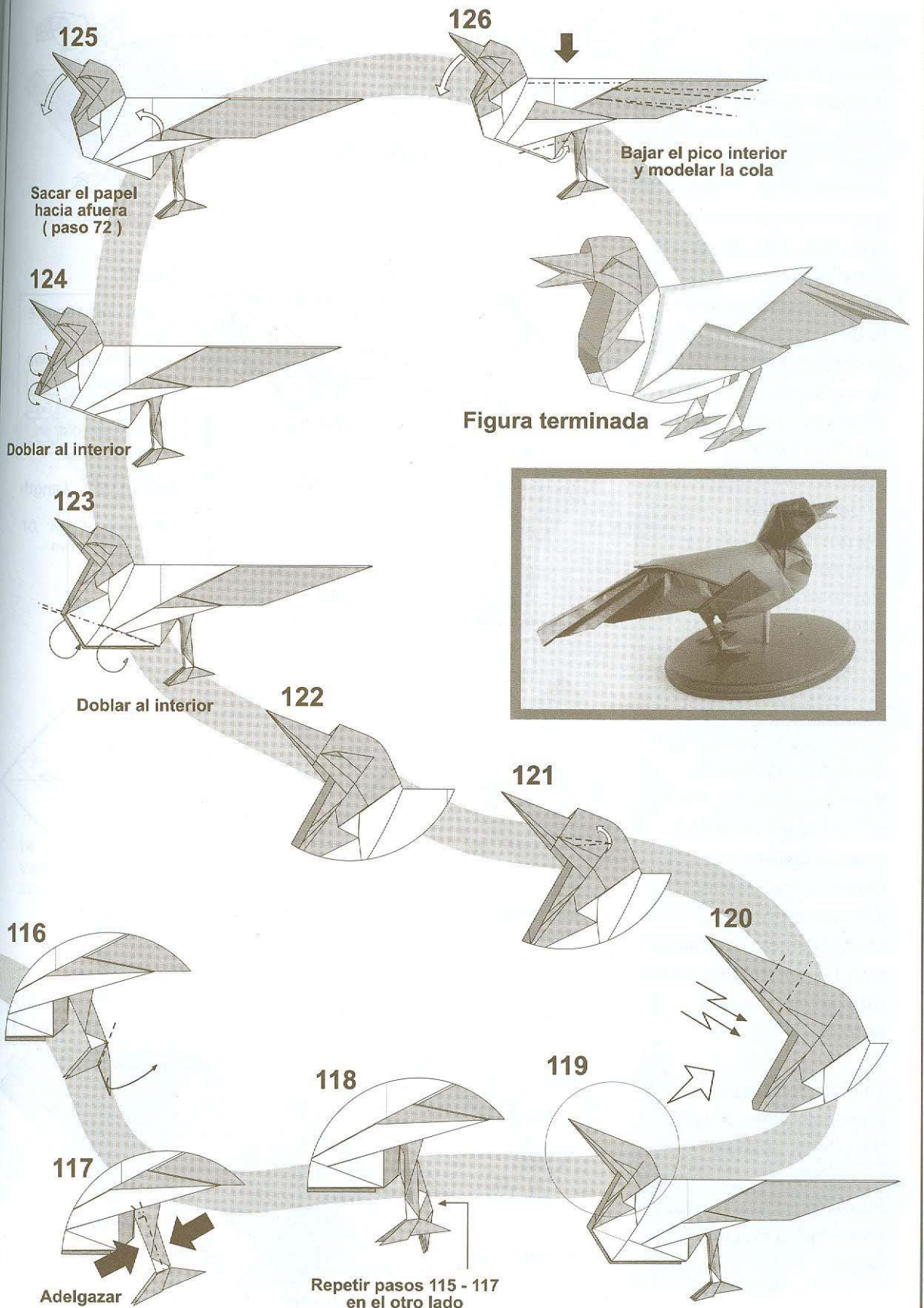












I chose to design an Osprey because it lends itself quite well to origami design. Firstly, it is mainly two-coloured, and secondly, it has a characteristic stripe through the eye. I knew I could use these two features to distinguish it from other birds of prey. It was also important to suggest big, strong talons, as they are necessary to pluck a fish out of the water.

We also have a nesting pair of Ospreys close to where I live and I drive past the nest every morning on the way to work. This was a big motivator in the design process.

Because the shoulders come from a "loose" flap, I wanted to accentuate them by protruding them in front of the chest, but you can position the Osprey in many other different postures by changing the crimp-fold of step 121 (although then it may not stand unsupported).

To get a good result (especially when shaping the talons), I suggest thin and large paper. Mine was folded from brown tissue paper mc'ed onto white washi.

Osprey

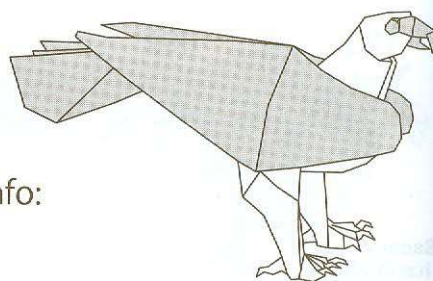
Quentin Trollip
Canada

Design and diagram info:

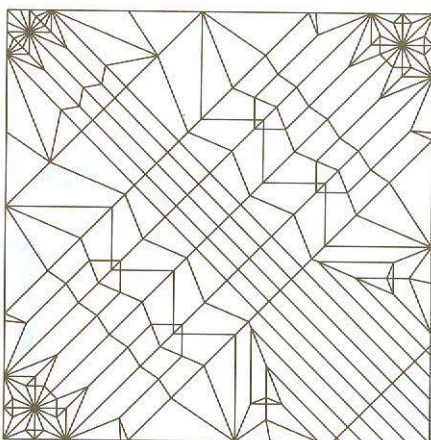
Date: 6 November 2011

Difficulty: Complex

Time to fold: 3 Hours



Crease Pattern:



Paper:

Single Uncut Square
Size: 50cm
Color: White - Brown
Type: Kami

No
Good
Best

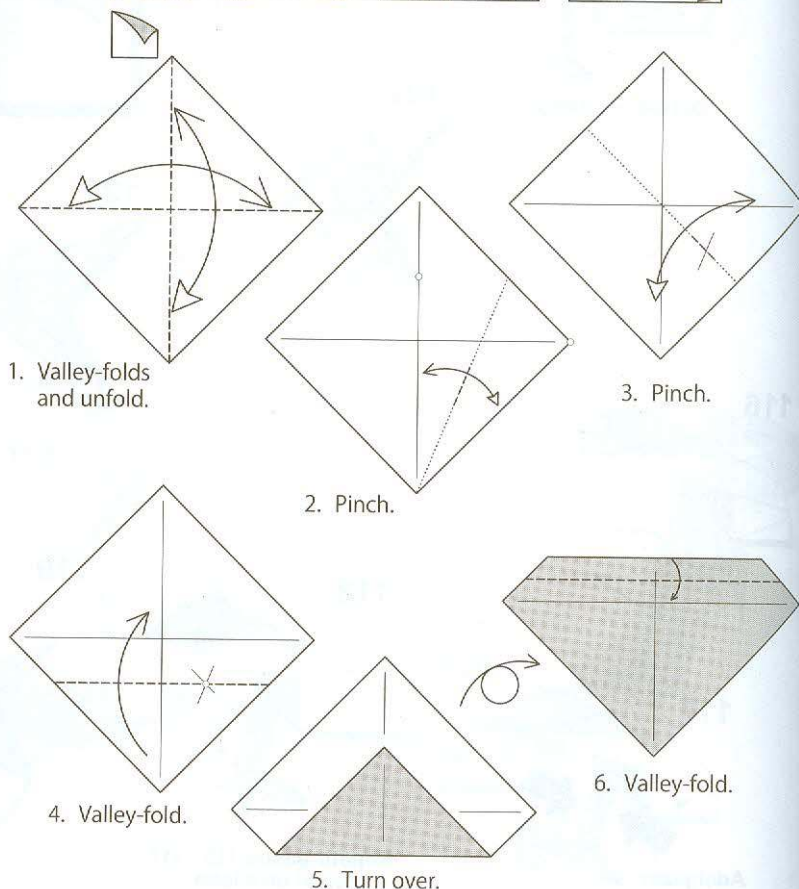
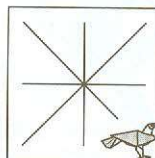
Foil

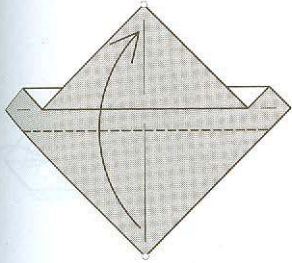
Good
Best

Wet-Fold

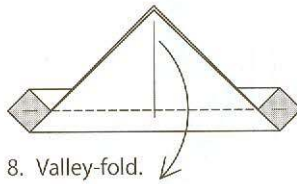
Best

Ratio 0.37 Length

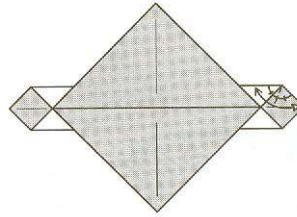




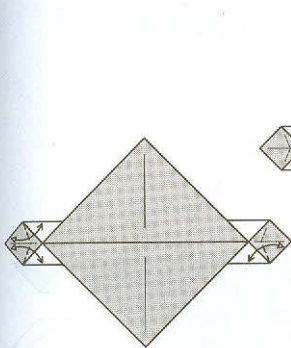
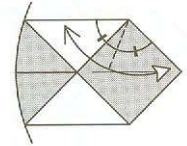
7. Valley-fold.



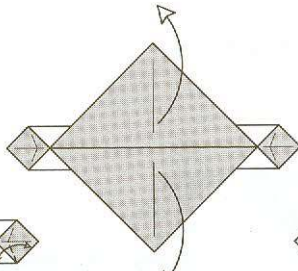
8. Valley-fold.



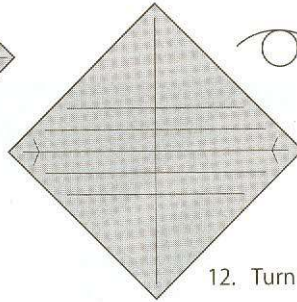
9. Valley-fold and unfold.



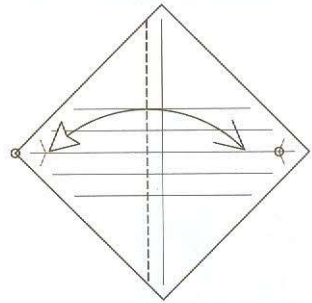
10. Repeat step 9 three more times.



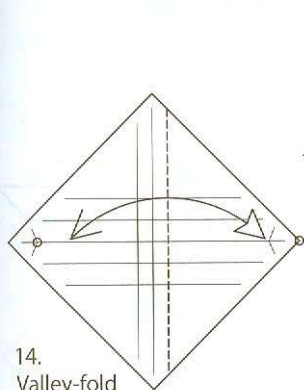
11. Unfold.



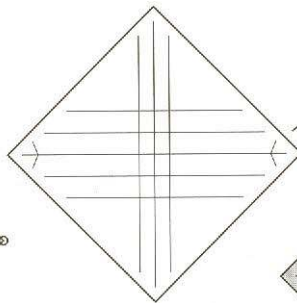
12. Turn over.



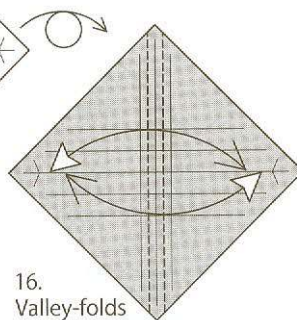
13. Valley-fold and unfold.



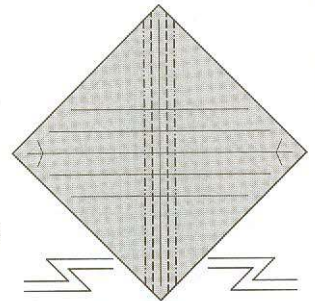
14. Valley-fold and unfold.



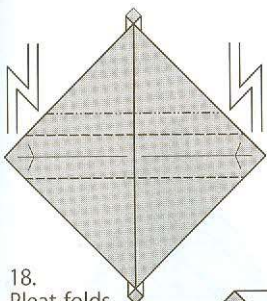
15. Turn over.



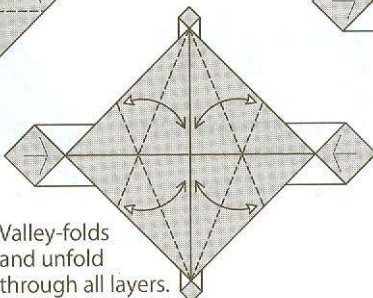
16. Valley-folds and unfold.



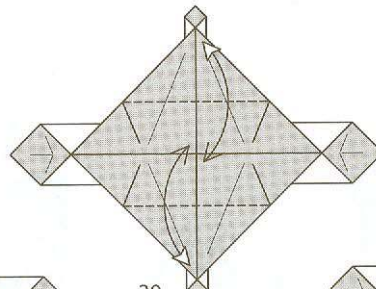
17. Pleat-folds.



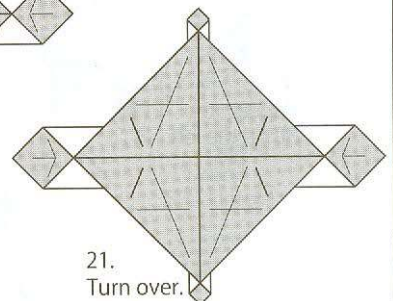
18. Pleat-folds.



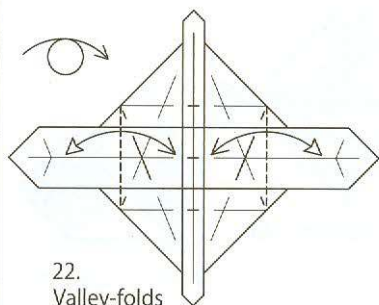
19. Valley-folds and unfold through all layers.



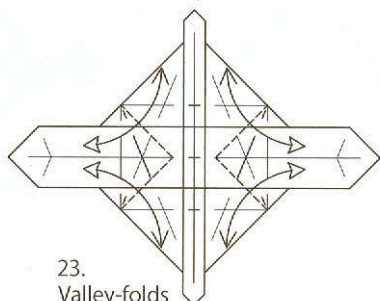
20. Valley-folds and unfold.



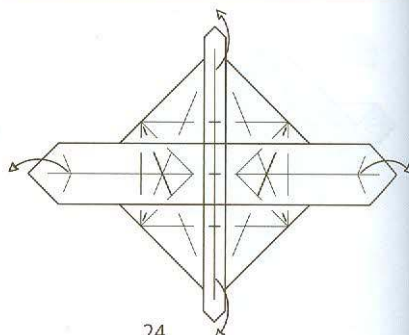
21. Turn over.



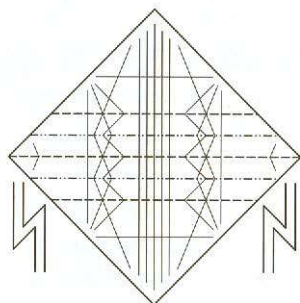
22. Valley-folds and unfold through all layers.



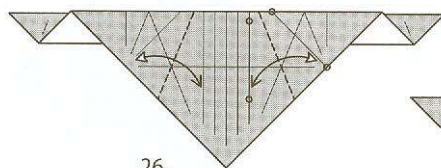
23. Valley-folds and unfold through all layers.



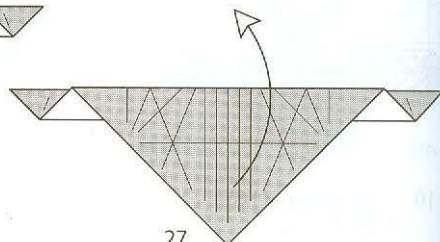
24. Unfold totally.



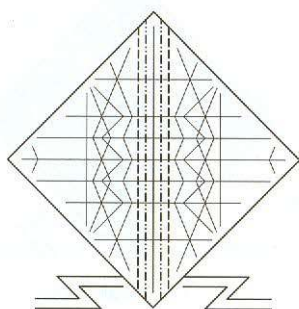
25. Pleat-fold.



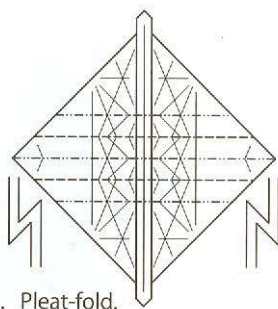
26. Valley-folds through all layers and unfold.



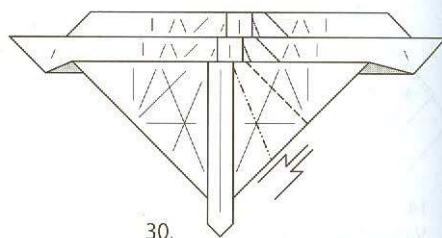
27. Unfold totally.



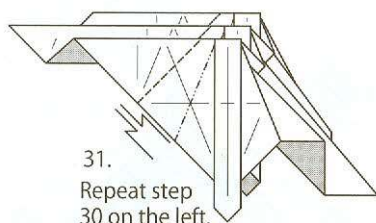
28. Repeat step 17.



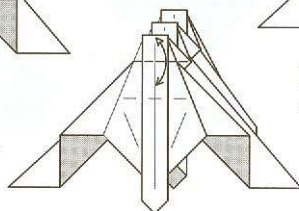
29. Pleat-fold. Note the orientation of the folds are reversed.



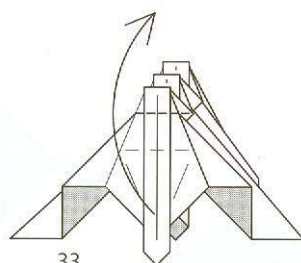
30. Reverse-fold in and out.



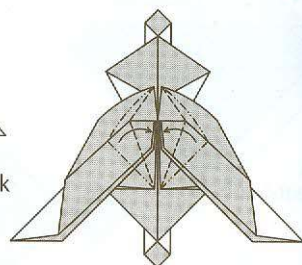
31. Repeat step 30 on the left.



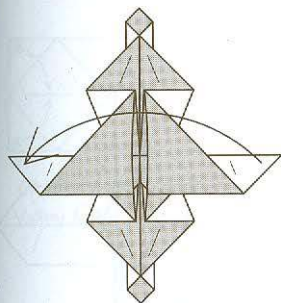
32. Valley-fold and unfold.



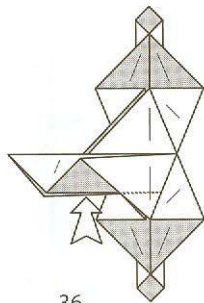
33. Lift the upper layer to look underneath it.



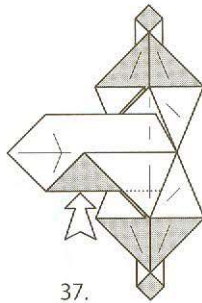
34. Reverse-fold in and out on both sides to flatten.



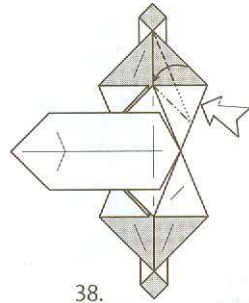
35. The result.
Valley-fold.



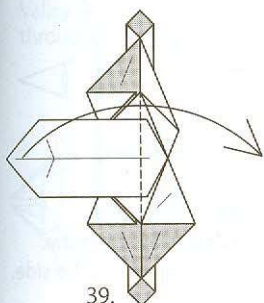
36. Closed-unsink the
lower layer.



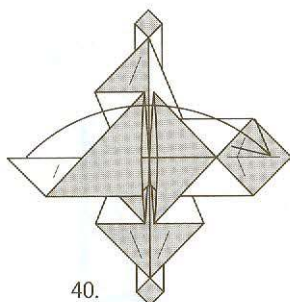
37. Closed-unsink the
remaining layer.



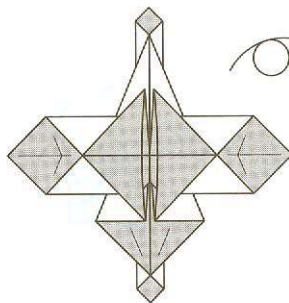
38. Inside reverse-fold.



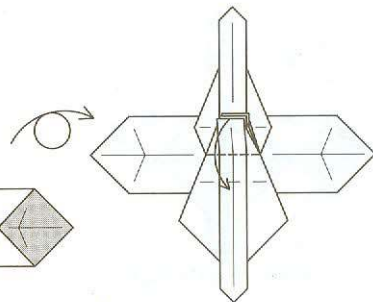
39. Valley-fold.



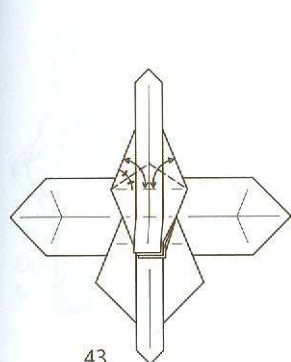
40. Repeat steps 35
to 39 on the left.



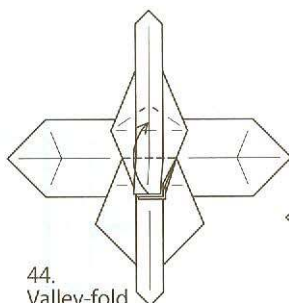
41. Turn over.



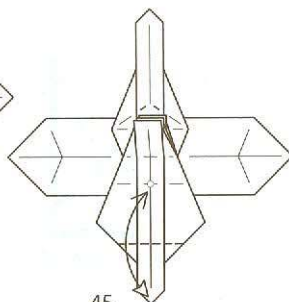
42. Valley-fold
the three points down.



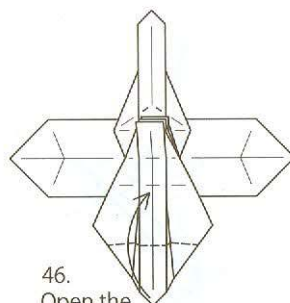
43. Valley-folds
and unfold.



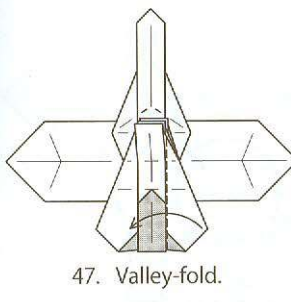
44. Valley-fold
the three points up.



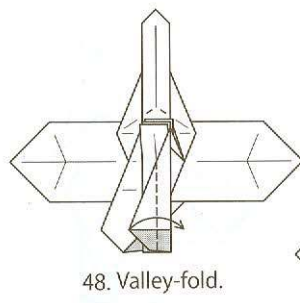
45. Valley-fold
and unfold.



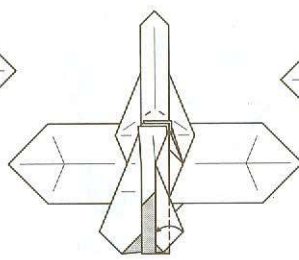
46. Open the
layers slightly
and valley-fold the
raw corner.



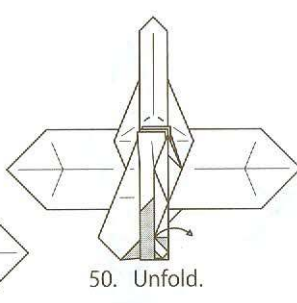
47. Valley-fold.



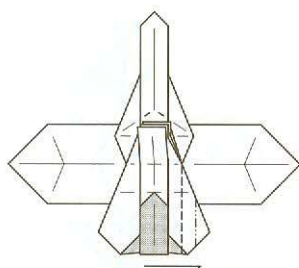
48. Valley-fold.



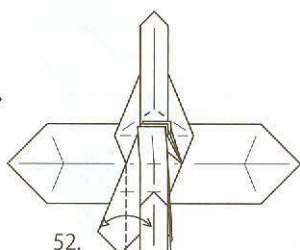
49. Valley-fold.



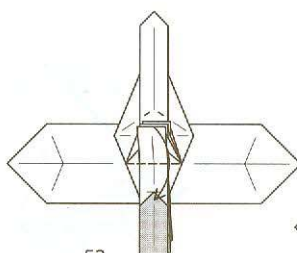
50. Unfold.



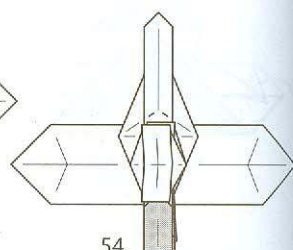
51. Reverse-fold in, out and in.



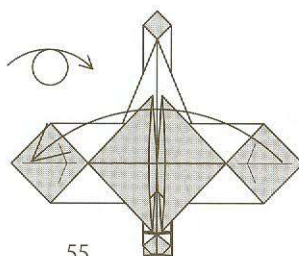
52. Repeat steps 47 to 51 on the left.



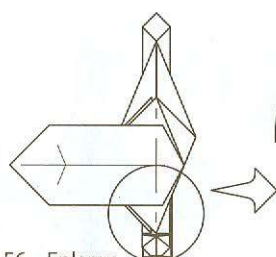
53. Valley-fold one layer down.



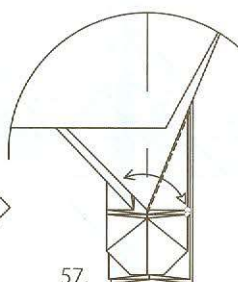
54. Turn over.



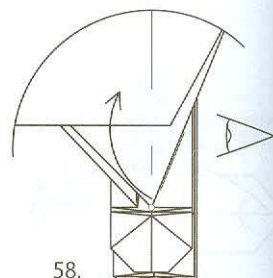
55. Valley-fold the flap.



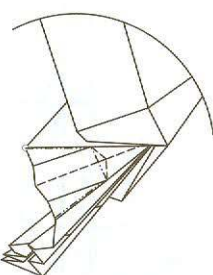
56. Enlarge.



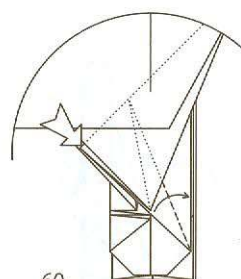
57. Valley-fold and unfold through two layers.



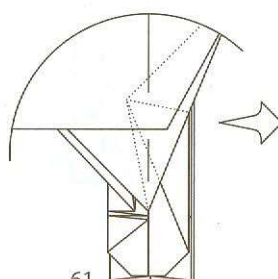
58. Lift the layer slightly. Next view from the side.



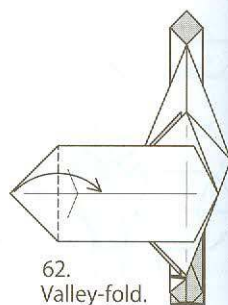
59. Squash-fold and flatten. Return to normal view.



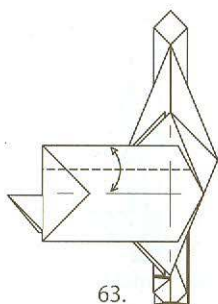
60. Inside reverse-fold.



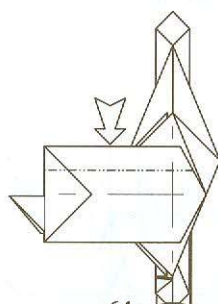
61. Scale change.



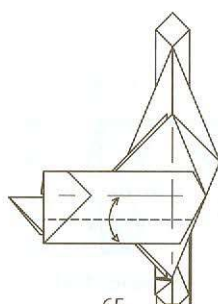
62. Valley-fold.



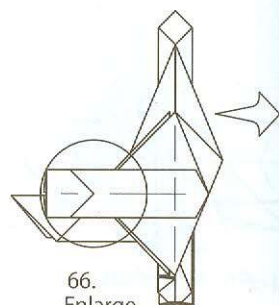
63. Valley-fold and unfold.



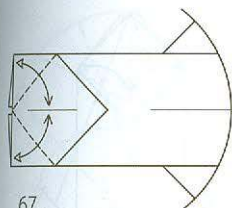
64. Closed-sink.



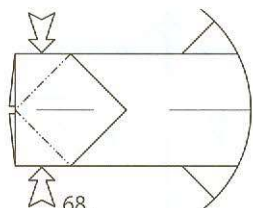
65. Repeat steps 63 to 64.



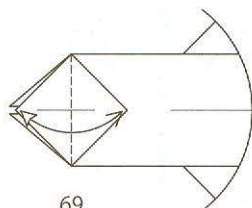
66. Enlarge.



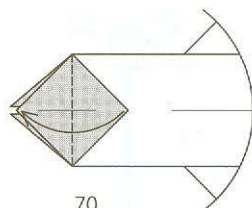
67.
Valley-folds and unfold.



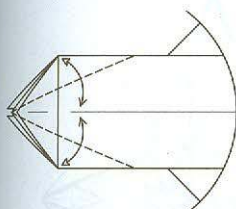
68.
Inside reverse-folds.



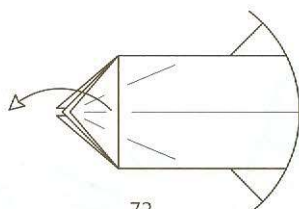
69.
Valley-fold and unfold.



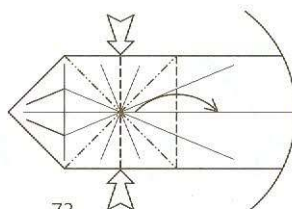
70.
Valley-fold.



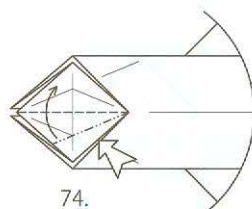
71.
Valley-folds and unfold
through all layers.



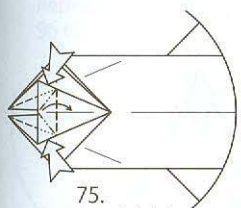
72.
Unfold the raw
corner.



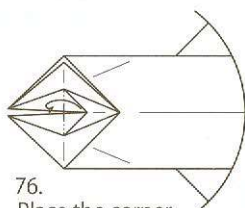
73.
Preliminary-fold.



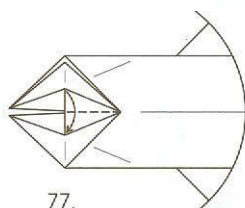
74.
Squash-fold.



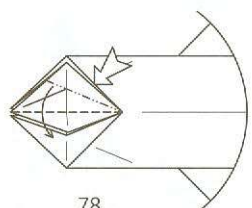
75.
Petal-fold.



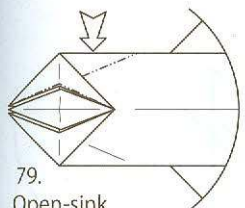
76.
Place the corner
inside.



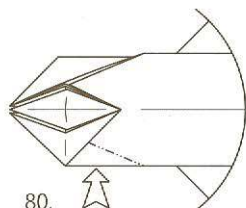
77.
Valley-fold one layer.



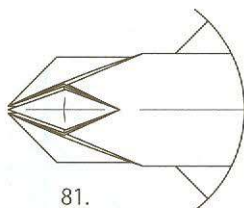
78.
Repeat steps 74
to 77 above.



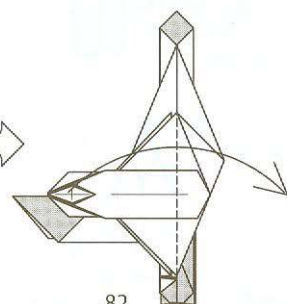
79.
Open-sink
triangularly.



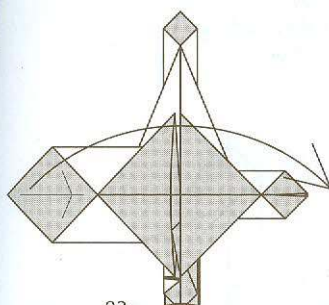
80.
Repeat step 79
on the bottom.



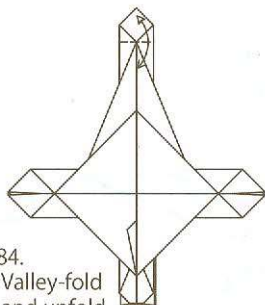
81.
Scale change.



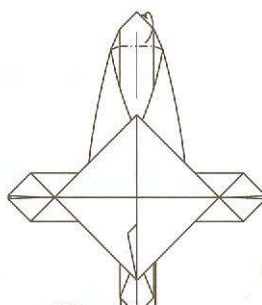
82.
Valley-fold.



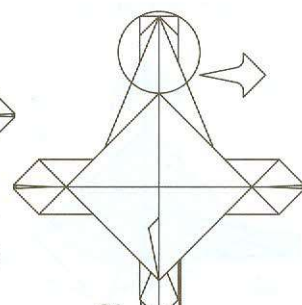
83.
Repeat steps 55
to 82 on the left.



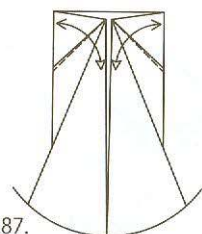
84.
Valley-fold
and unfold.



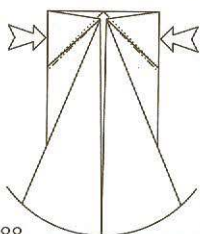
85.
Open the layers and
mountain-fold the
raw corner.



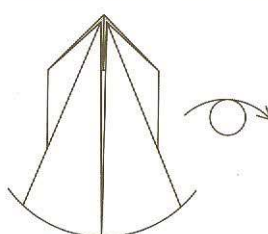
86.
Enlarge.



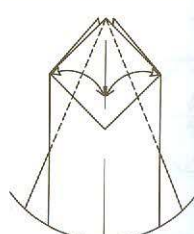
87.
Valley-folds and
unfold.



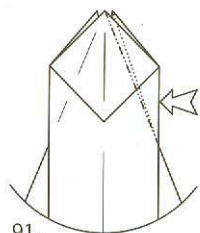
88.
Inside reverse-folds.



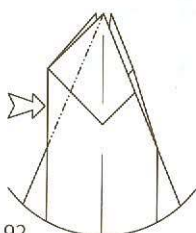
89.
Turn over.



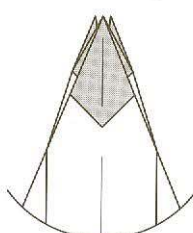
90. Valley-folds and
unfold.



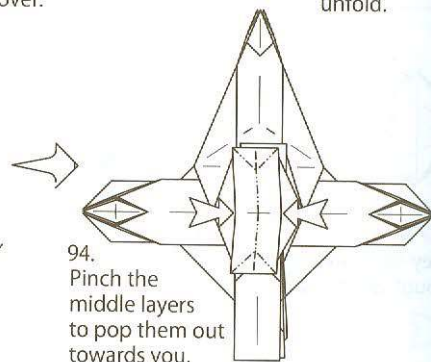
91.
Open-sink
triangularly.



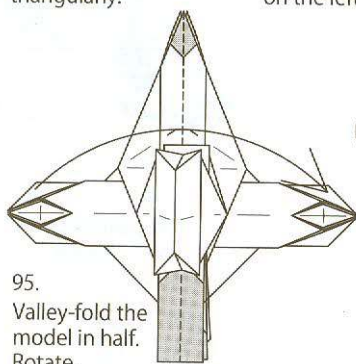
92.
Repeat step 91
on the left.



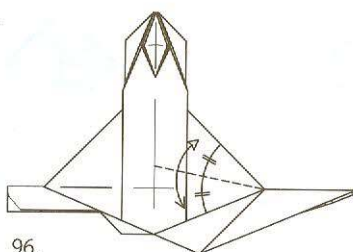
93. Scale change.



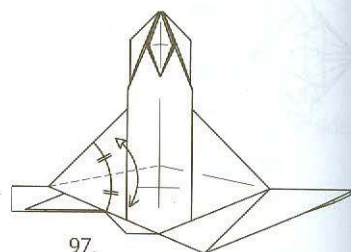
94.
Pinch the
middle layers
to pop them out
towards you.



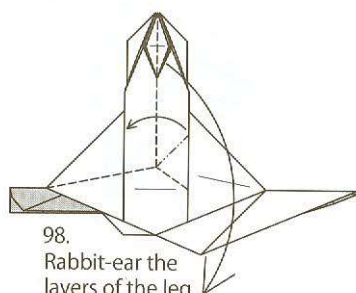
95.
Valley-fold the
model in half.
Rotate.



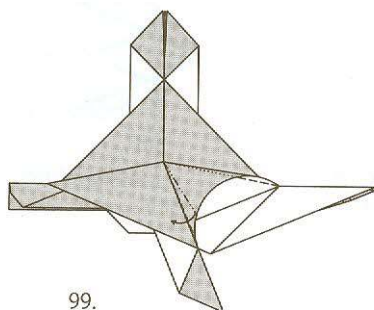
96.
Valley-fold and unfold.



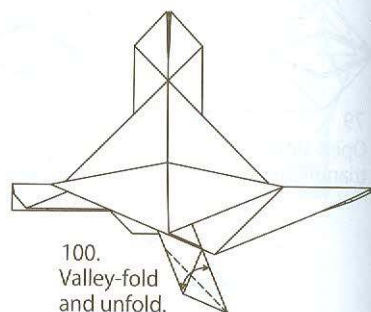
97.
Valley-fold and unfold.



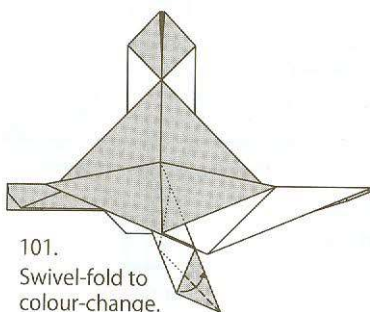
98.
Rabbit-ear the
layers of the leg
while folding the flap down.



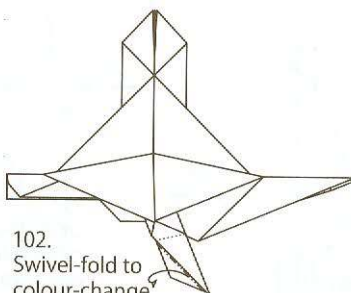
99.
Flatten the raw edge.



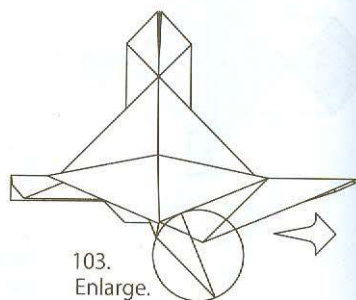
100.
Valley-fold
and unfold.



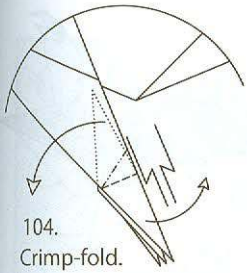
101.
Swivel-fold to
colour-change.



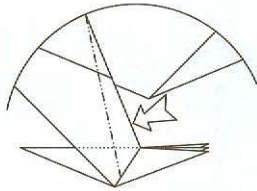
102.
Swivel-fold to
colour-change
the inside of the leg as well.



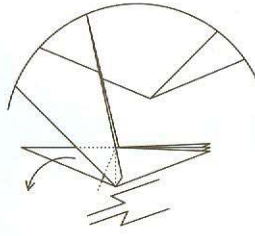
103.
Enlarge.



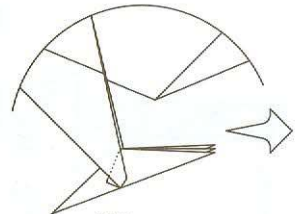
104.
Crimp-fold.



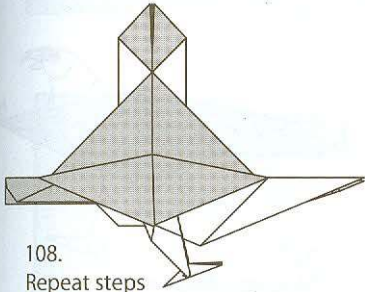
105. Open-sink.



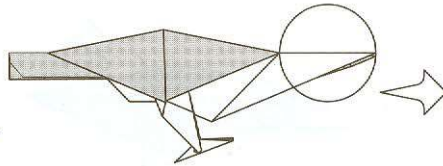
106. Inside crimp-fold.



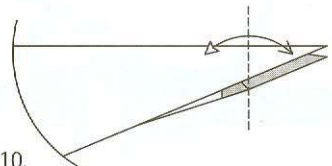
107.
Scale change.



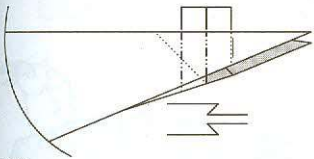
108.
Repeat steps
96 to 107 behind.



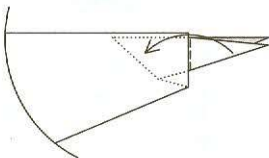
109. Enlarge.



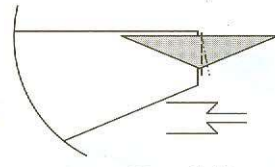
110.
Valley-fold as far as you can
and unfold.



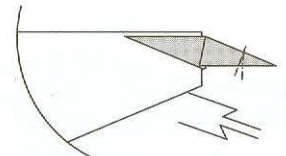
111.
Inside crimp-fold.



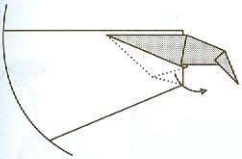
112. Valley-fold.
Repeat behind.



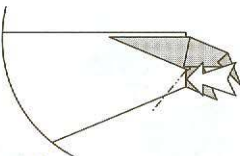
113. Crimp-fold.



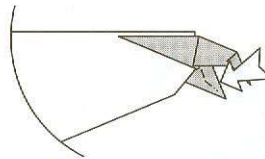
114. Crimp-fold.



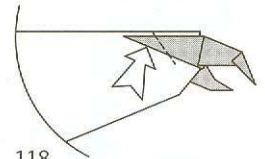
115. Pull out the lower jaw.



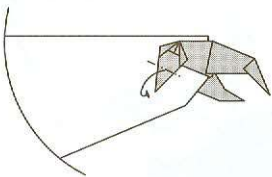
116.
Inside reverse-fold.
Repeat behind.



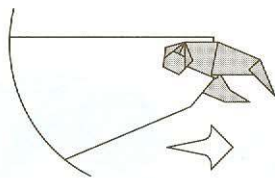
117.
Narrow the
lower beak.



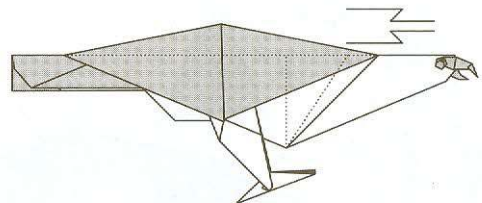
118.
Squash-fold the tip
up and down
to form the eye.
Repeat behind.



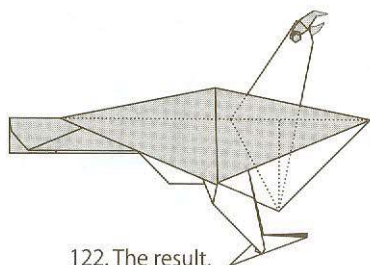
119. Mountain-fold.
Repeat behind.



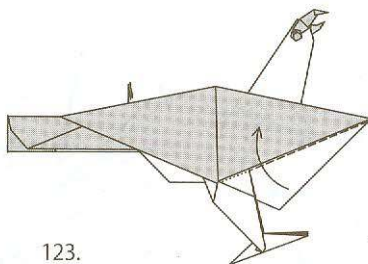
120. Scale change.



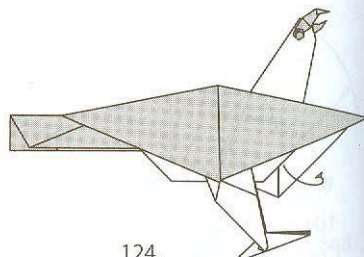
121. Open the layers from the top
and reverse-fold in and out on
the creases made in step 43.



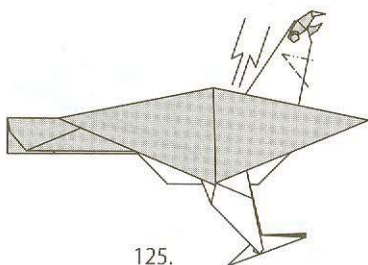
122. The result.



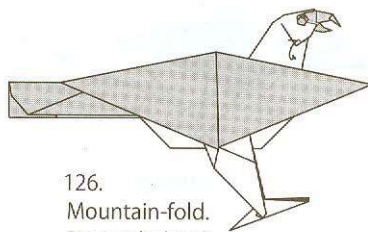
123.
Valley-fold the white layer into
the pocket on its outside.



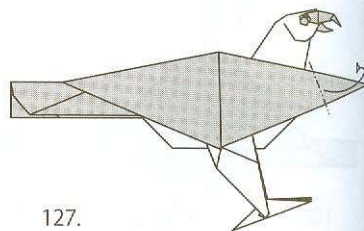
124.
Repeat step 123 behind.



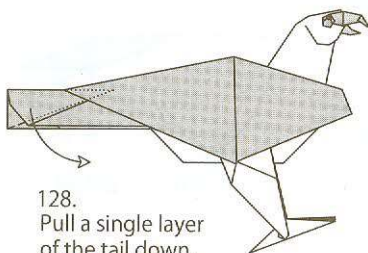
125.
Outside crimp-fold.



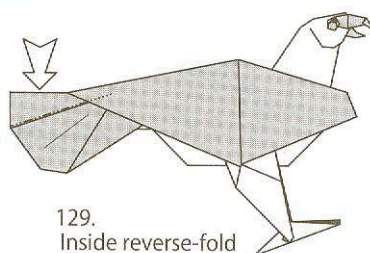
126.
Mountain-fold.
Repeat behind.



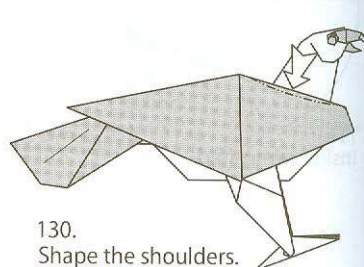
127.
Mountain-fold into the pocket.
Repeat behind.



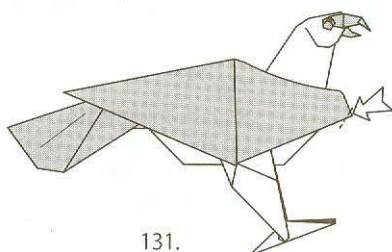
128.
Pull a single layer
of the tail down.
Repeat behind.



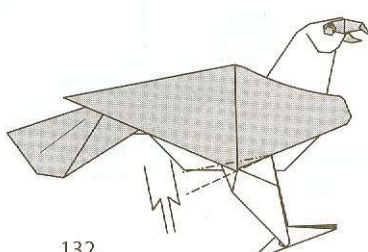
129.
Inside reverse-fold
three layers.



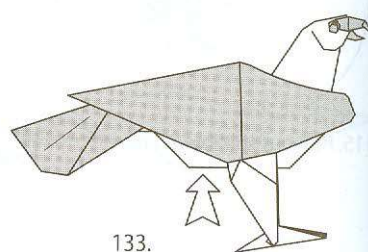
130.
Shape the shoulders.



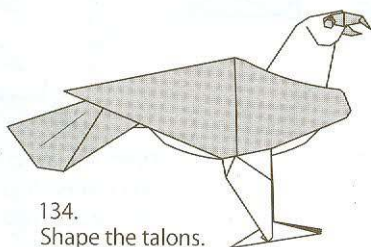
131.
Inside reverse-fold.
Repeat behind.



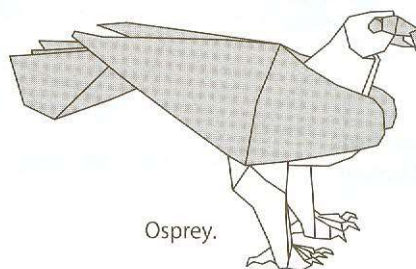
132.
Crimp-fold the legs backwards.



133.
Round the closed belly.



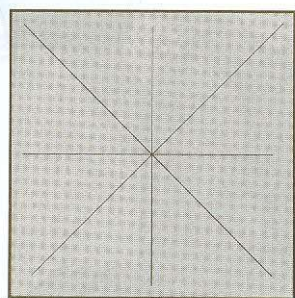
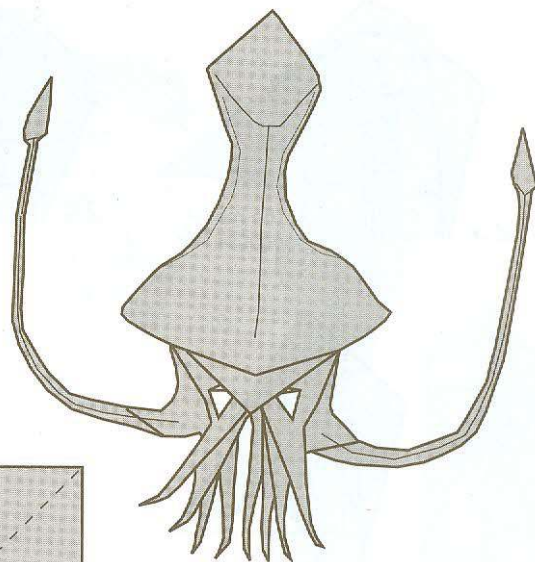
134.
Shape the talons.



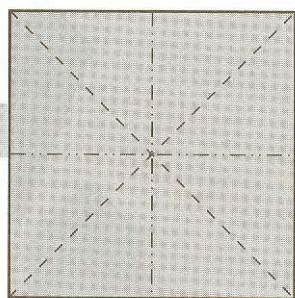
Osprey.

Calamar Flecha v.1.2 Squid

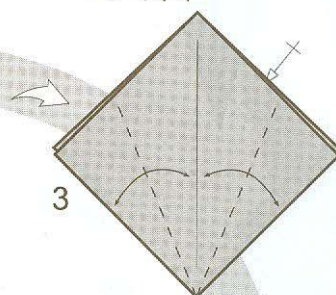
(c) M. Sirgo. 2012



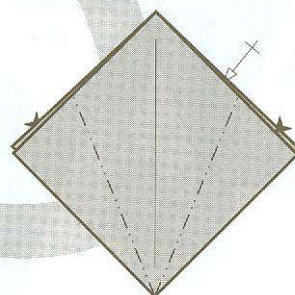
1 Dorado o plateado
golden or silver



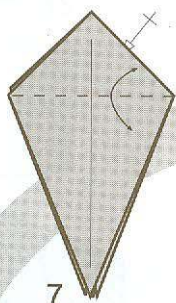
2



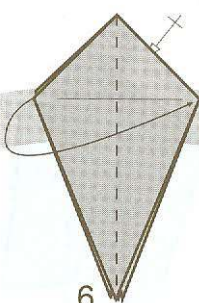
3



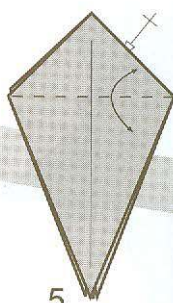
4



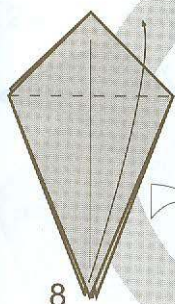
5



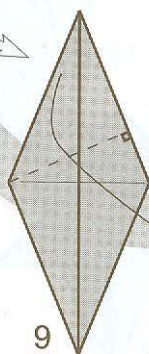
6



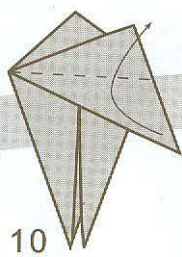
7



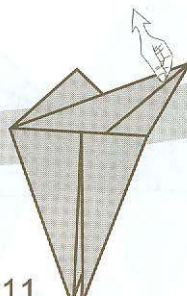
8



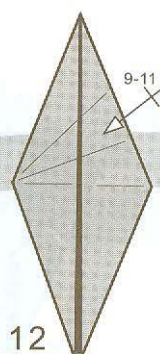
9



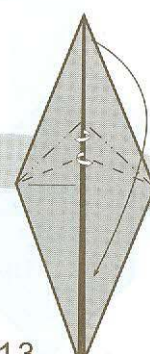
10



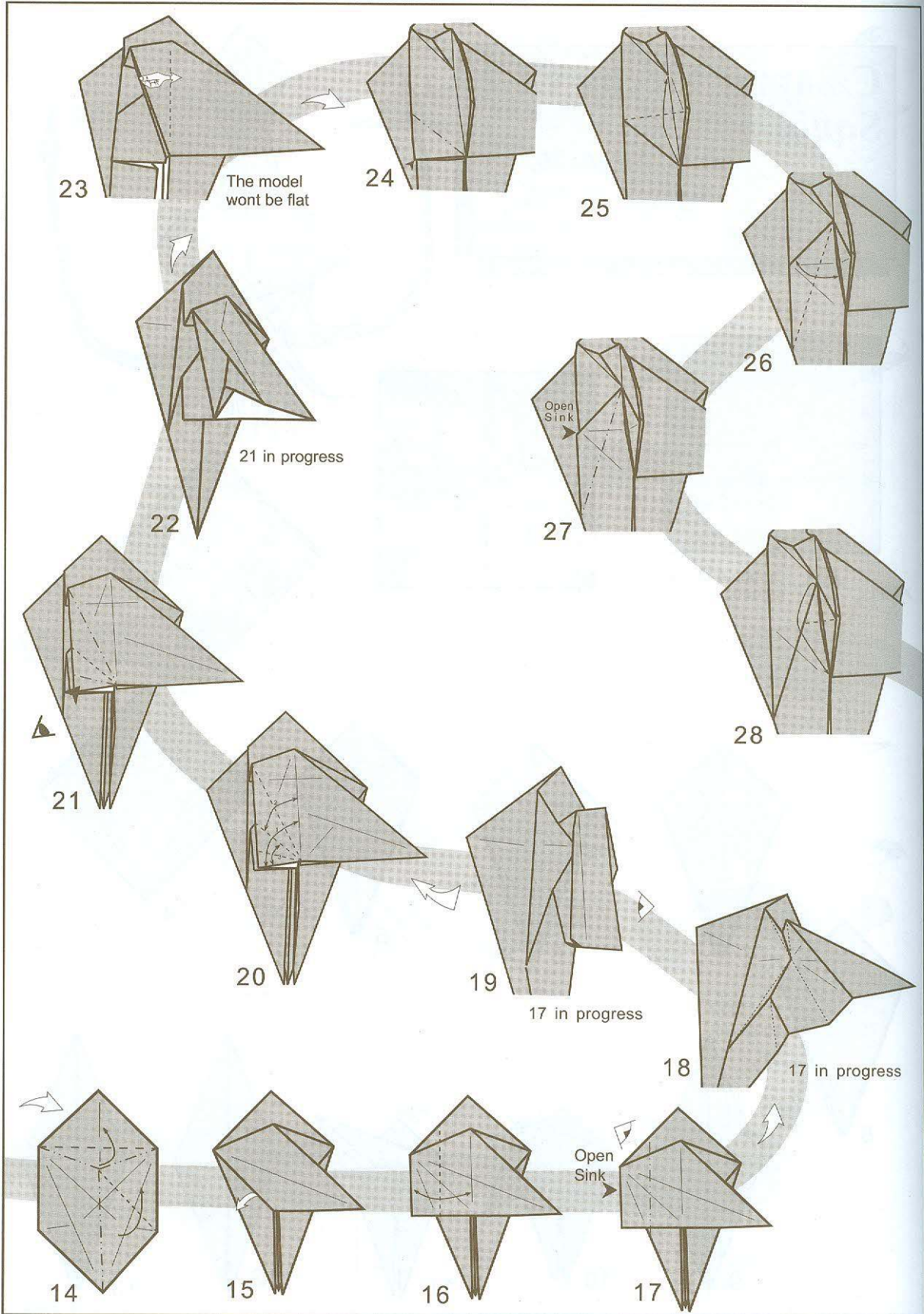
11

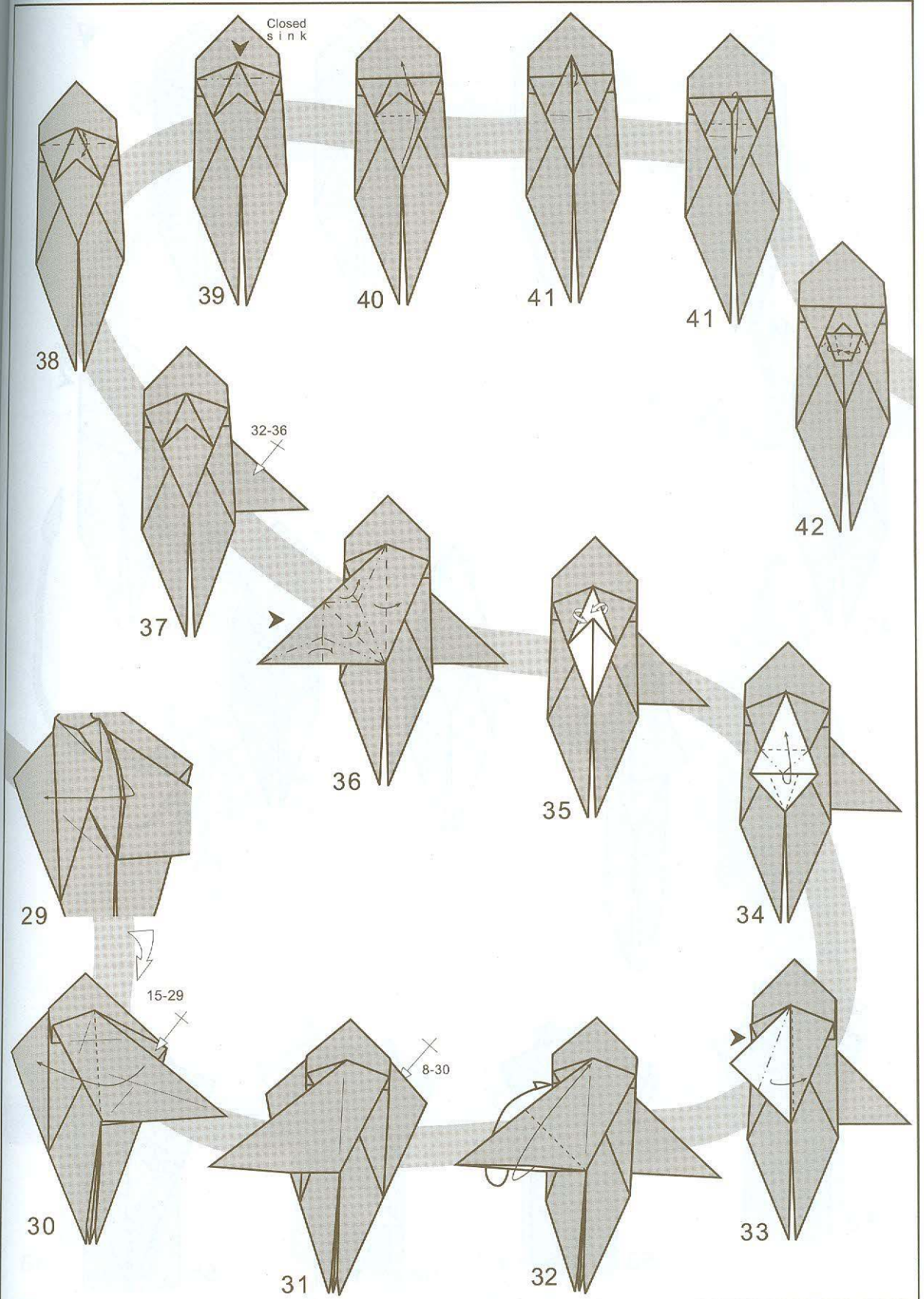


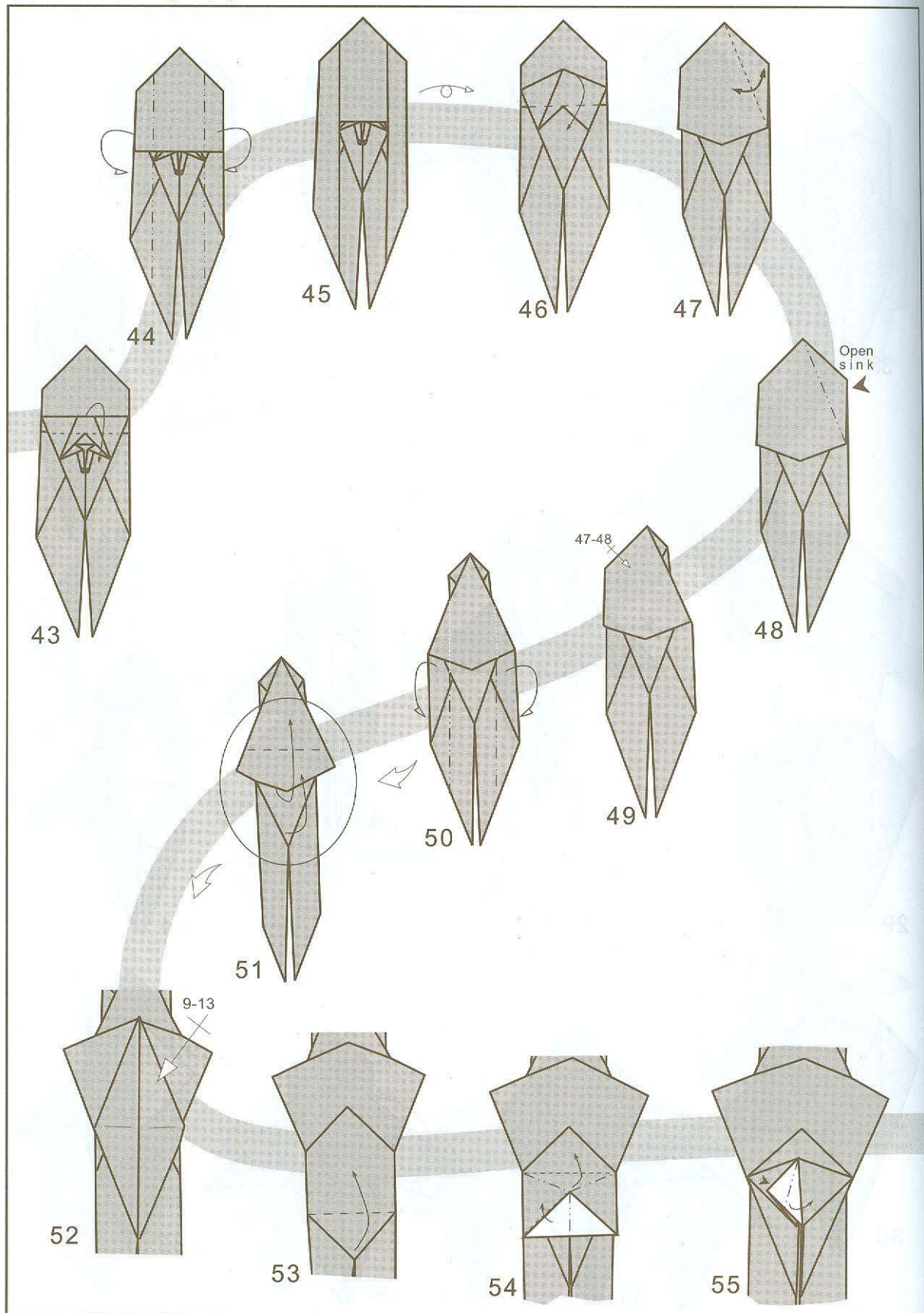
12

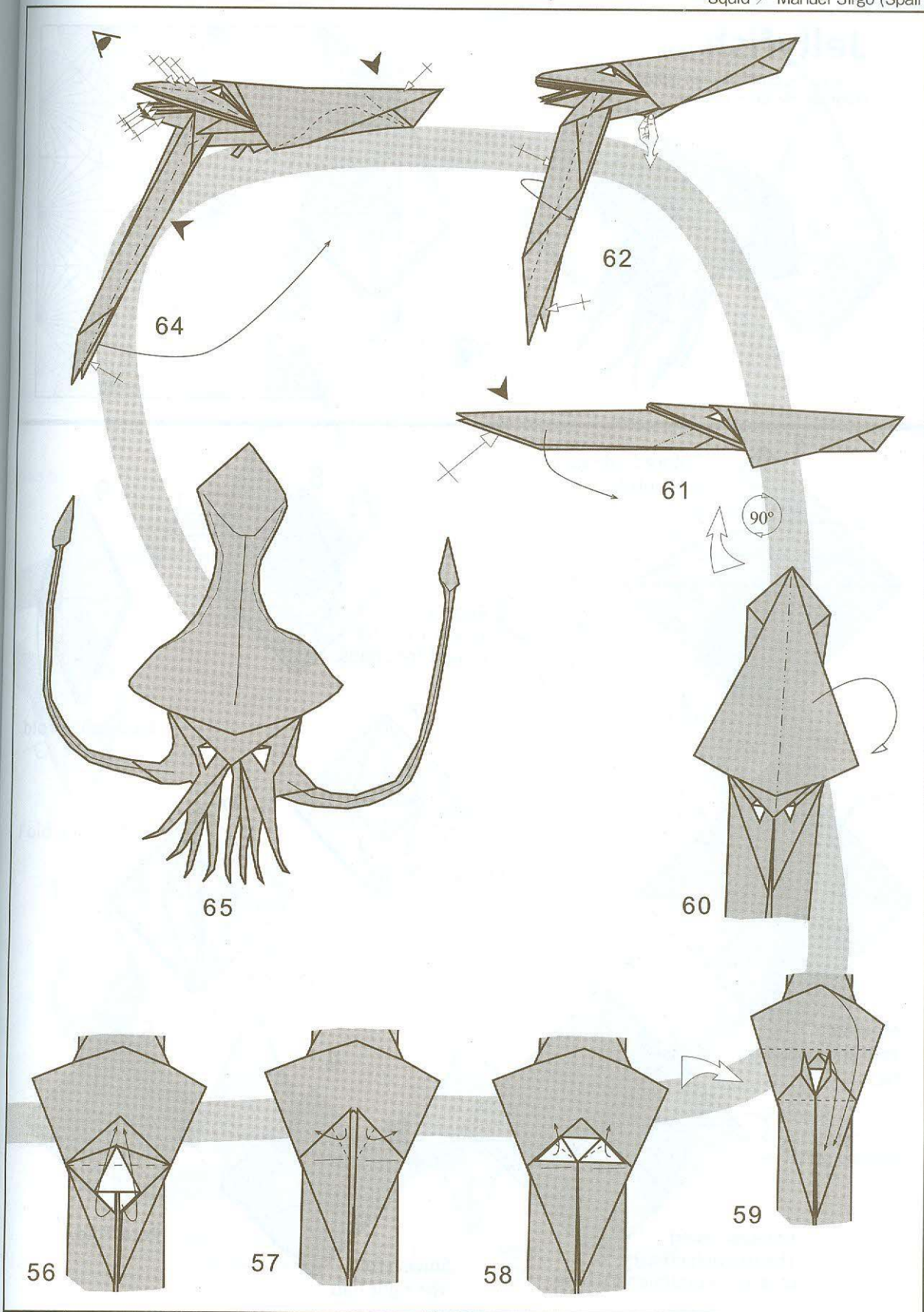


13





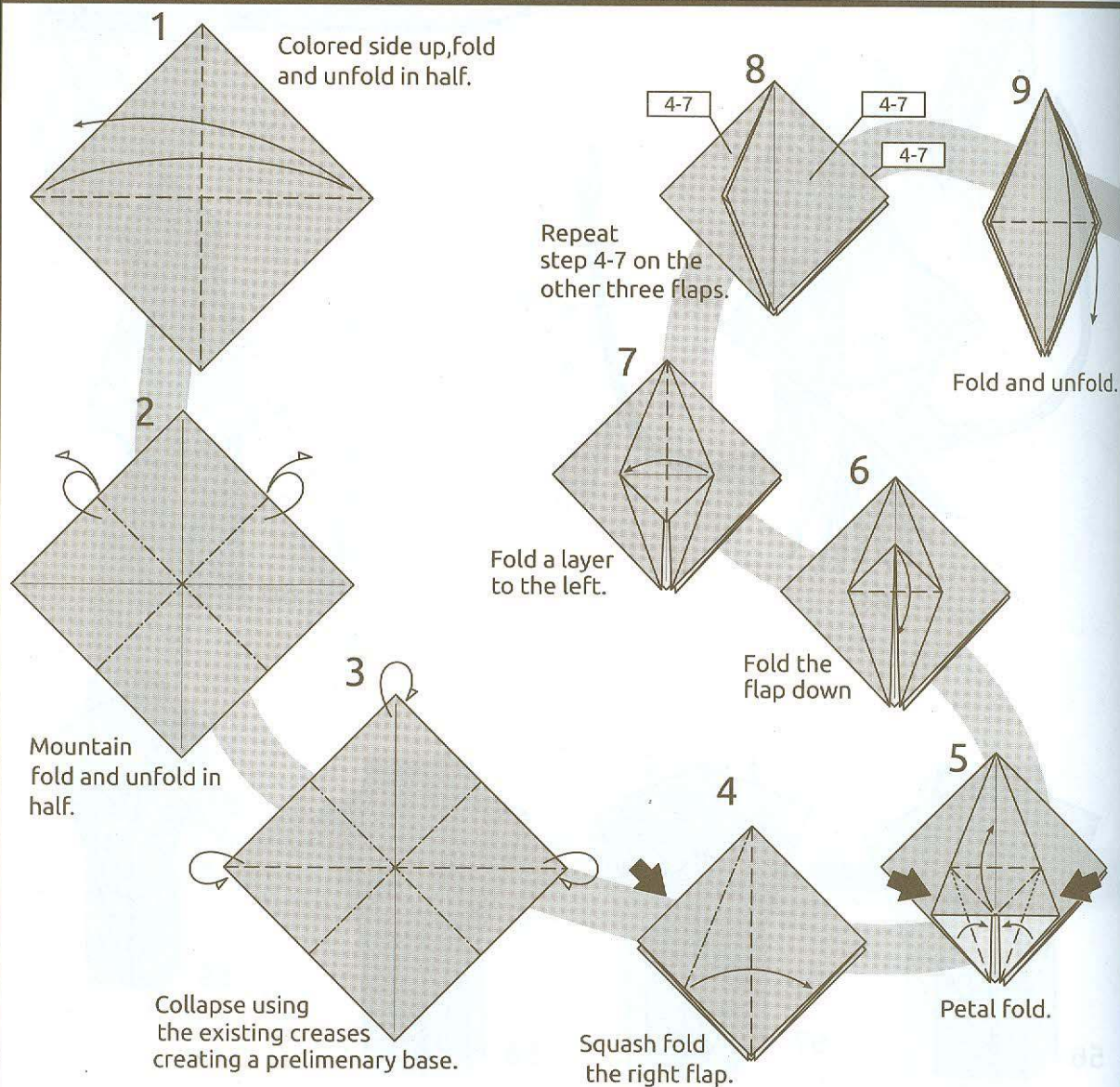
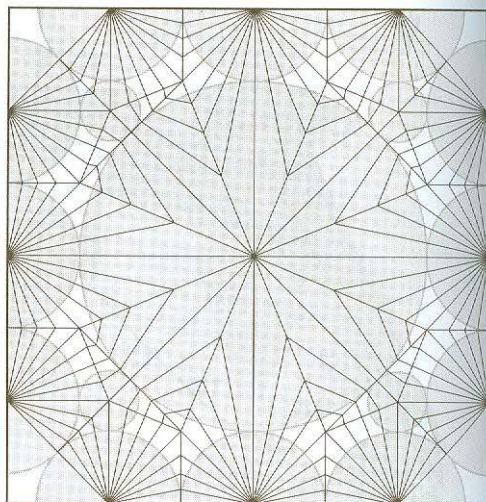
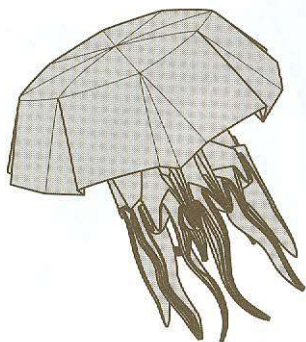


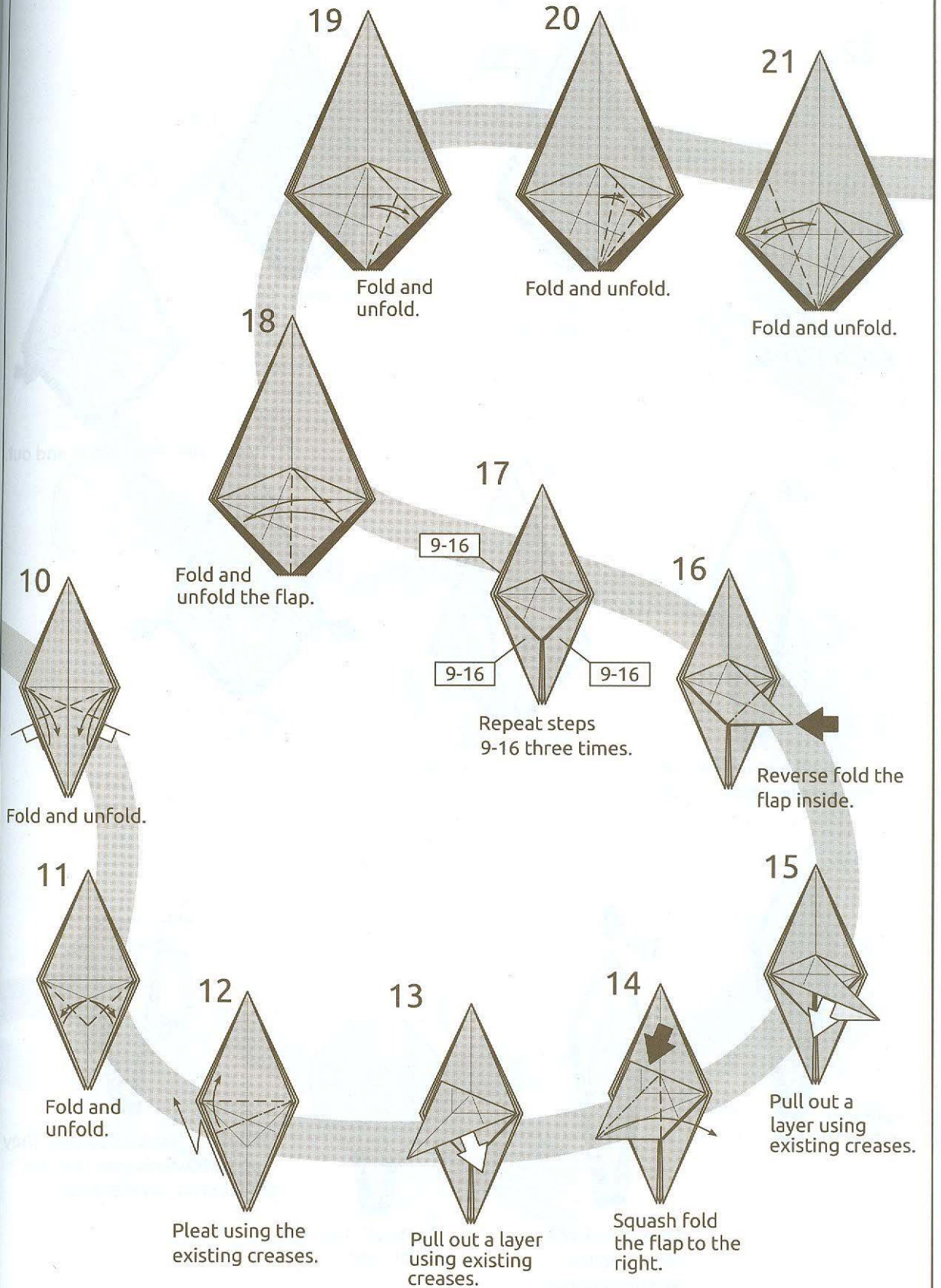


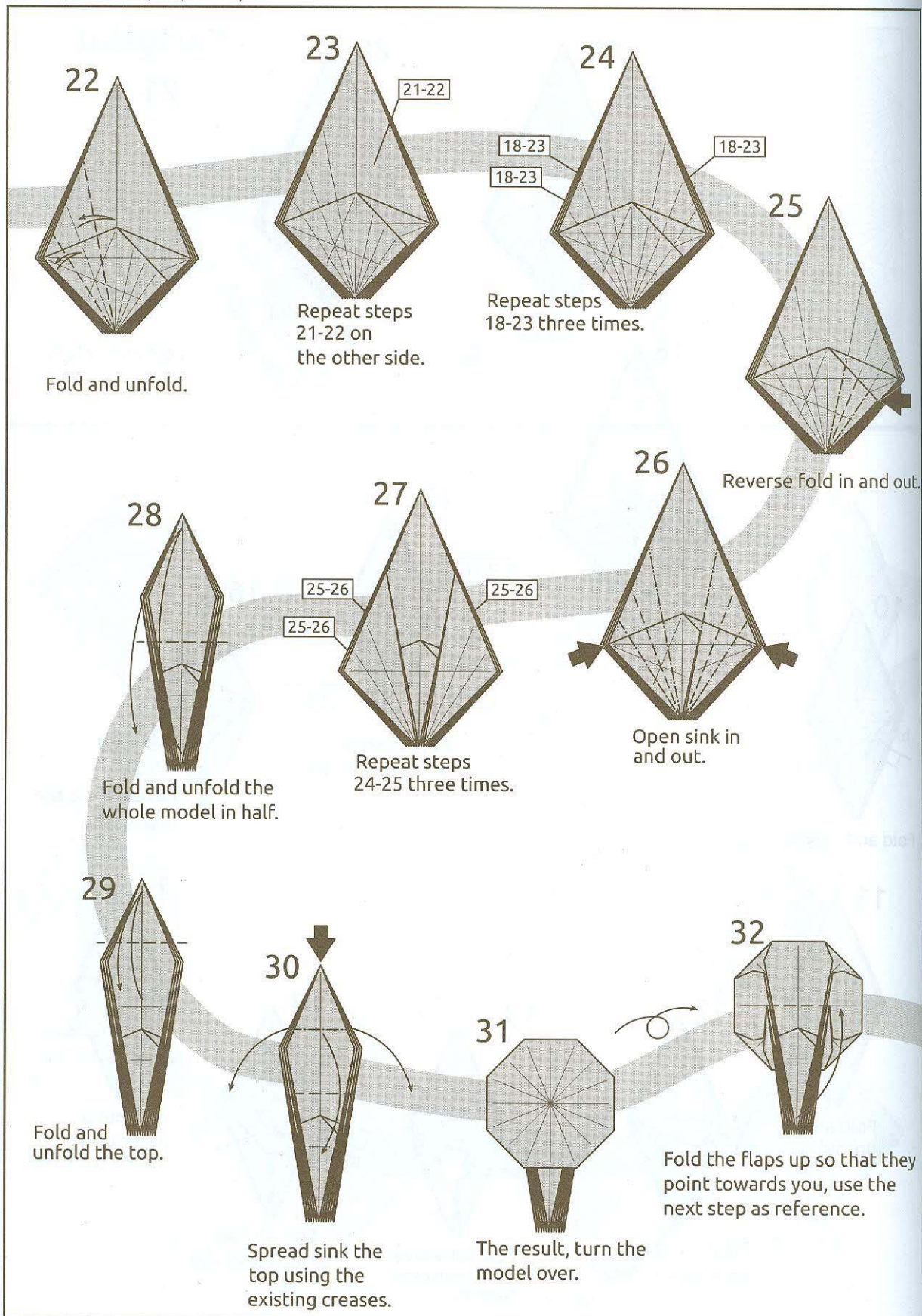
Jellyfish (2.1)

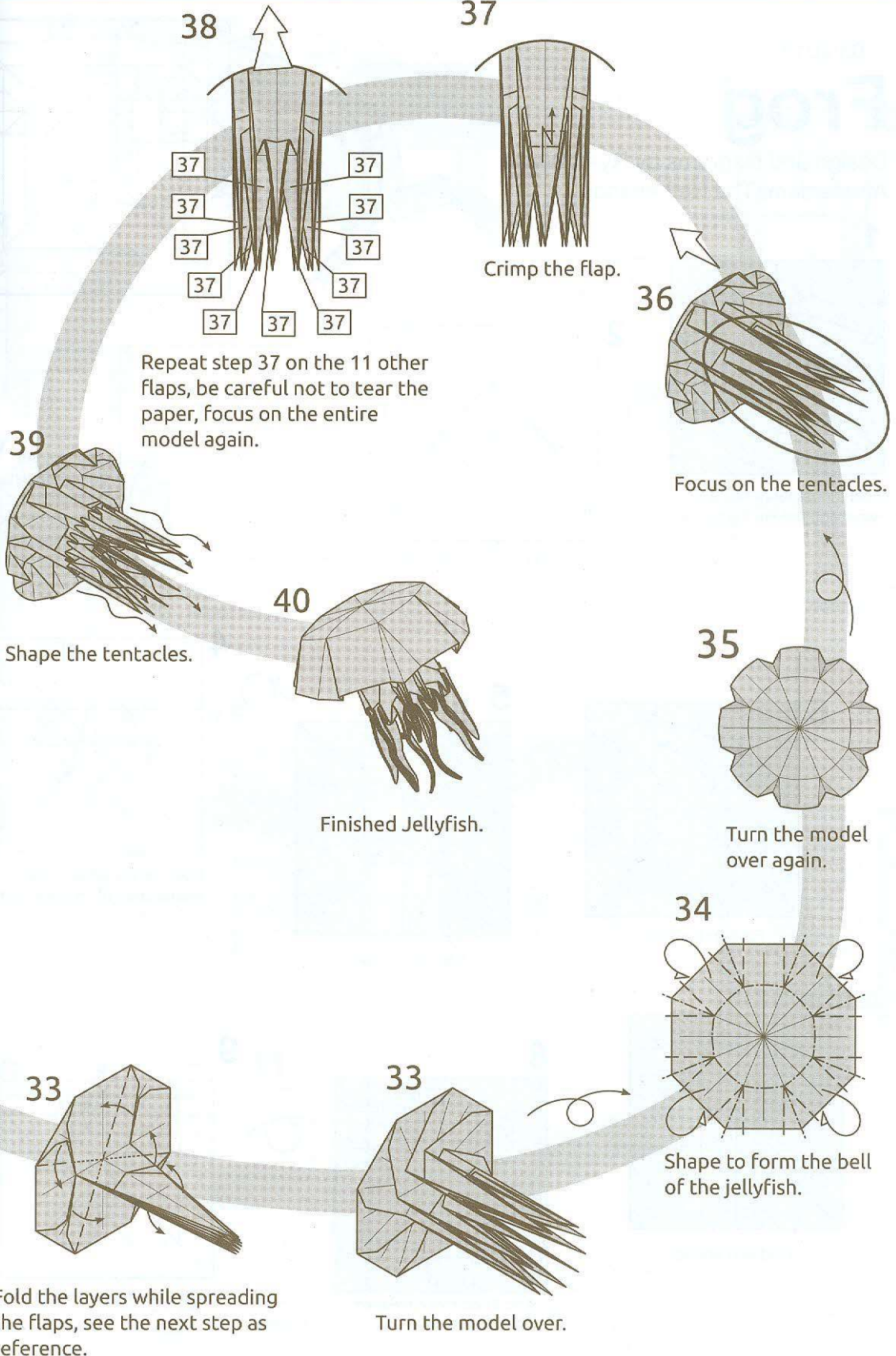
Created by: Chris Heynen (2008)

Diagrams by: Chris Heynen





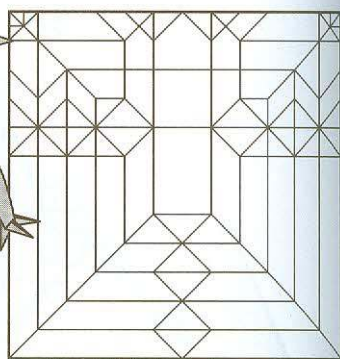
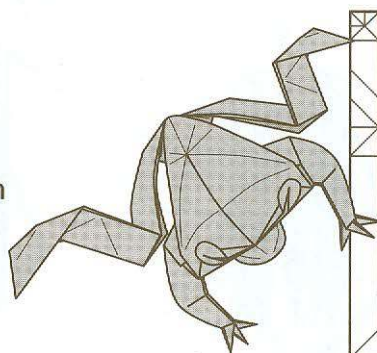




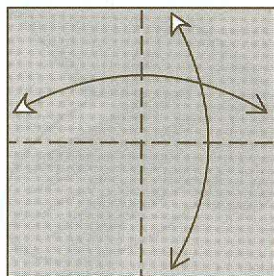
03/2012

Frog

Design and diagrams by Ryan Welsh
Amsterdam, The Netherlands

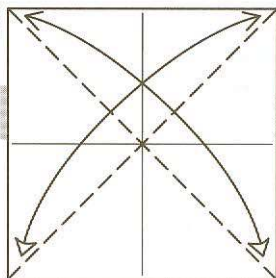


1



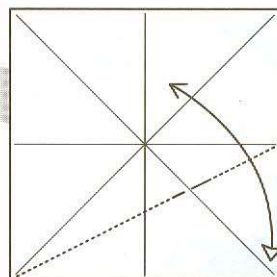
Fold the paper in half both ways and unfold. Turn over.

2



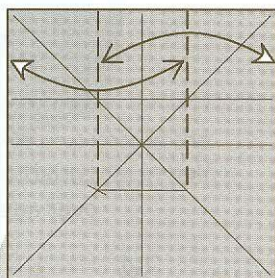
Crease along the diagonals.

3



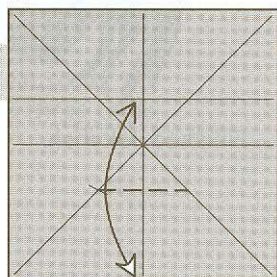
Connect the points shown. Only sharpen where it crosses the diagonal.

6



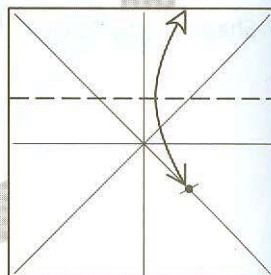
Fold and unfold.

5



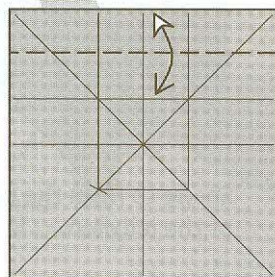
Fold and unfold.

4



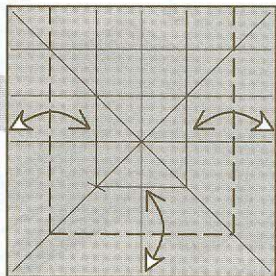
Fold the top edge to the intersection of creases and unfold. Turn over.

7



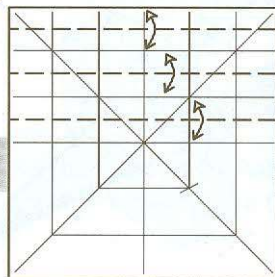
Fold and unfold.

8

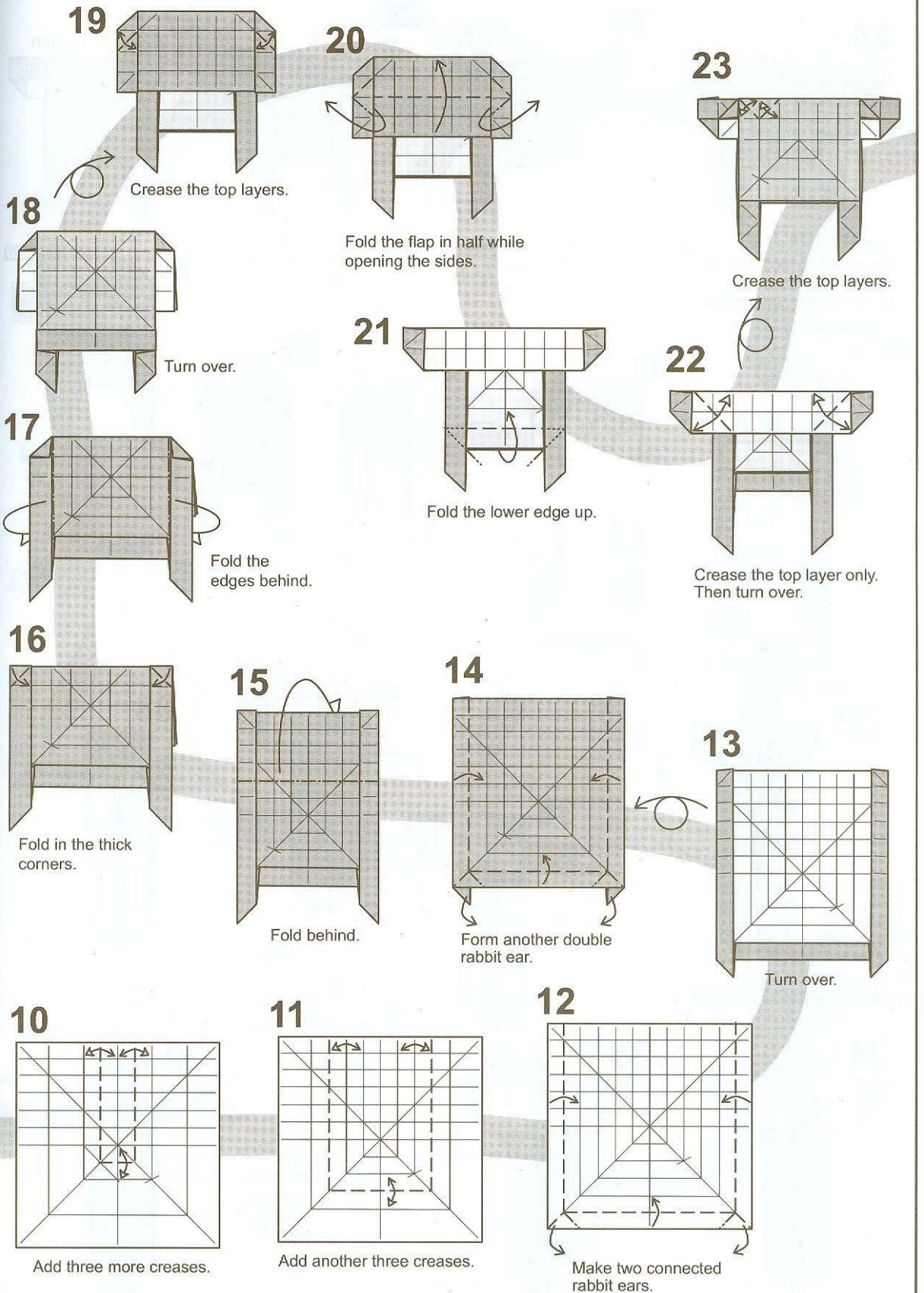


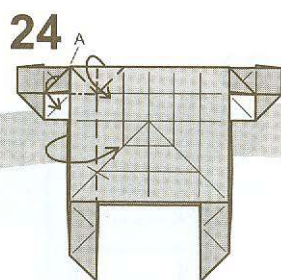
Add three more creases. Then turn over.

9

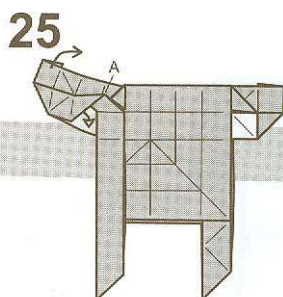


Fold and unfold three times.

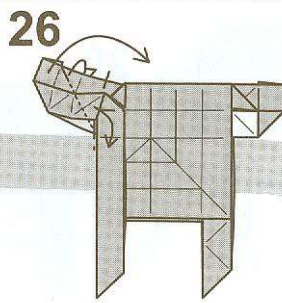




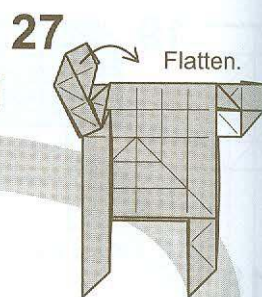
Fold in the left edge, incorporating the creases shown. The paper will not lie flat. Point A will stand up.



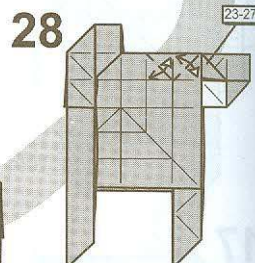
A three-dimensional step. Open the flap, slightly twisting the it upwards.



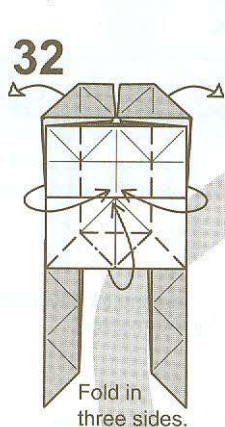
Flatten the flap by twisting on existing creases.



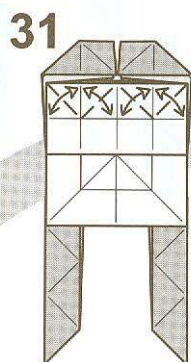
Flatten.



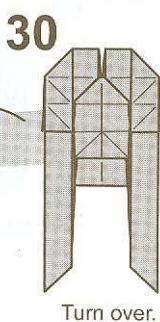
Repeat steps 23-27 on the right side.



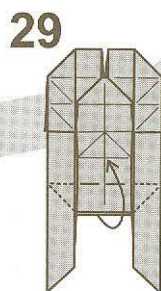
Fold in three sides.



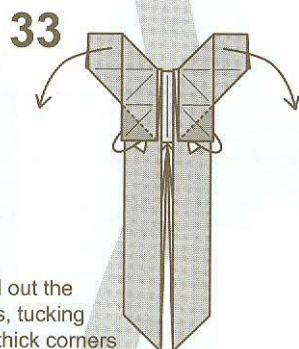
Crease the top layer only.



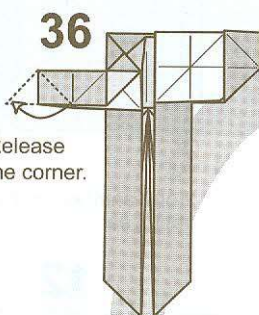
Turn over.



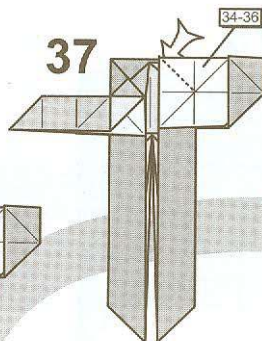
Fold the edge up.



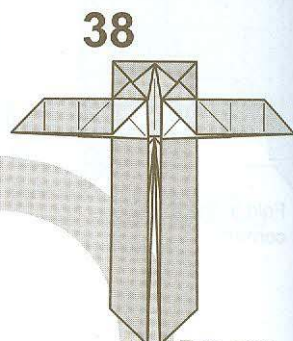
Fold out the flaps, tucking the thick corners in the pockets behind them. Be careful not to rip the paper!



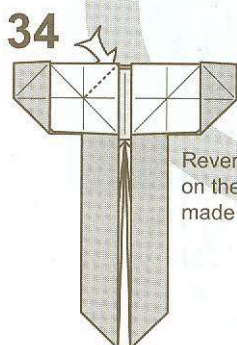
Release the corner.



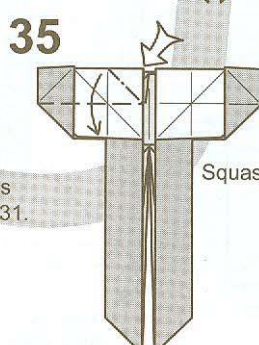
Repeat steps 34-36 on the right.



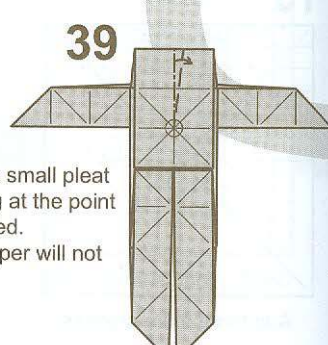
Turn over.



Reverse-fold on the creases made in step 31.



Squash-fold.



Form a small pleat starting at the point indicated. The paper will not lie flat.

49

Fold back the arm.

50

Mountain-fold the hind leg. It will be parallel to the arm.

51

Fold the leg in half.

48

Thin the arm and fold to the right. Notice the location of the folds.

52

Thin the layers. Tuck them underneath.

47

We will now focus on the arms. Pleat-fold.

45

Unfold the legs and turn over.

46

Crimp-fold the legs. These are also partial sink folds. Place your finger where the thick arrow is shown.

44

Pleat through all the thick layers. Note the position of the creases.

41

Unfold to step 39.

43

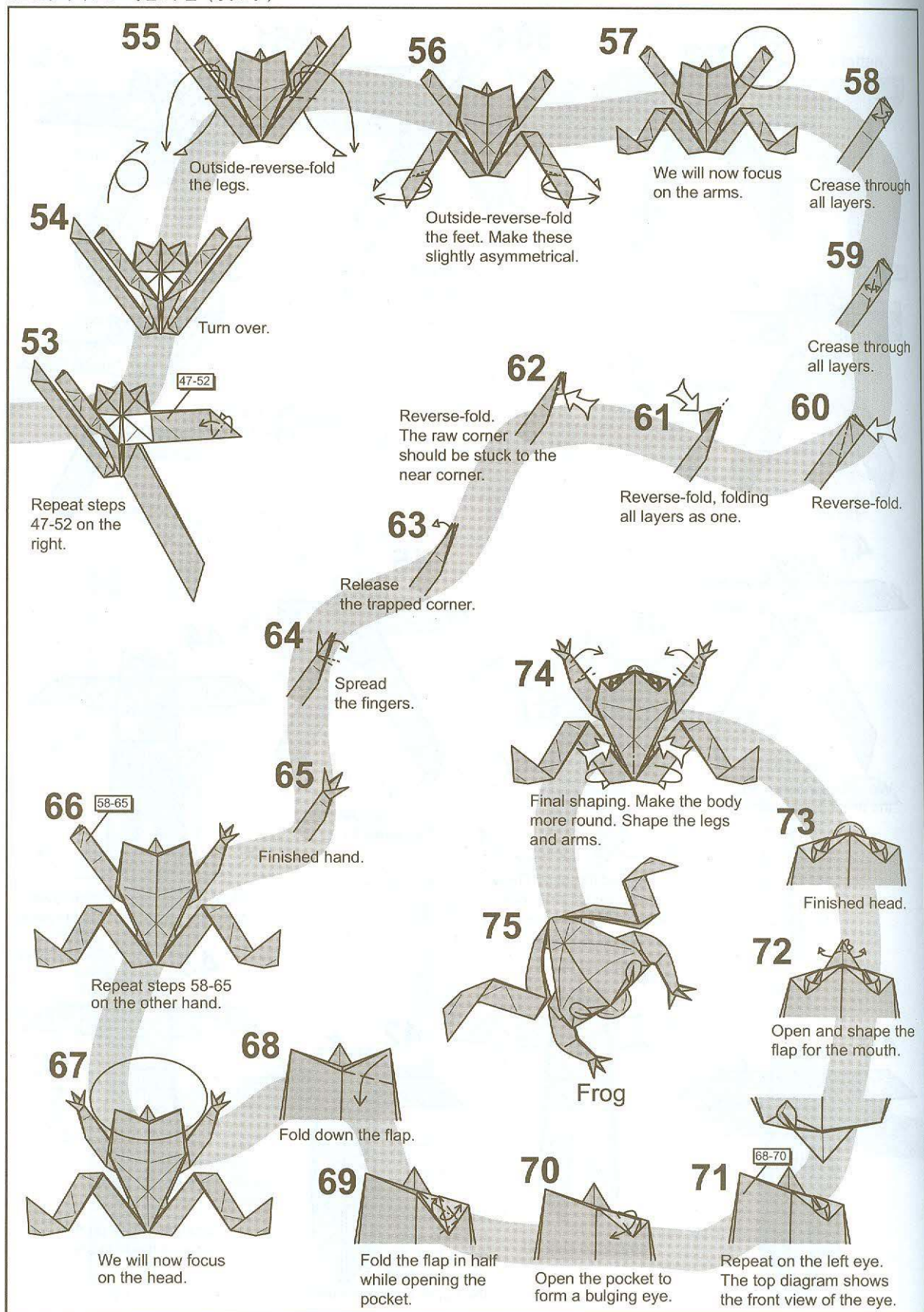
Sink the edges on the creases made in step 40.

40

Fold in the edges.

42

Refold step 39 but now as a crimp fold. Open much of the paper to accomplish this.



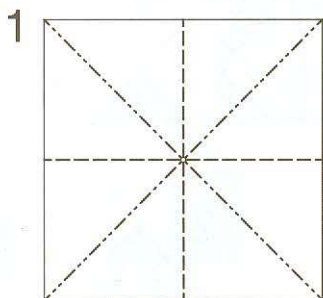
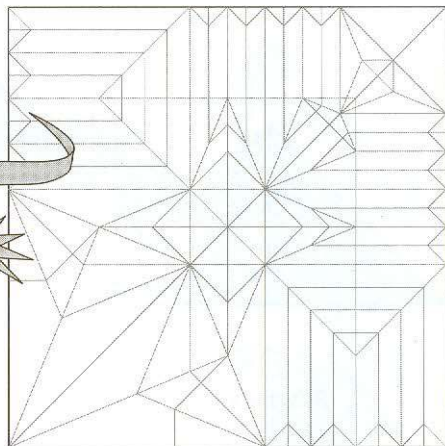
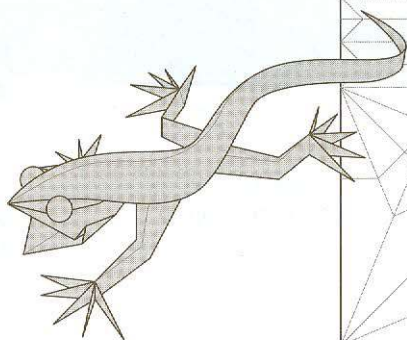
Lizard

Version 2.3

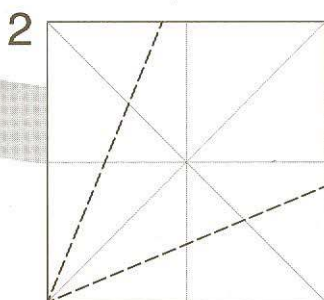
Model & Diagrams by Jason Ku

Designed: ©2011/07/05

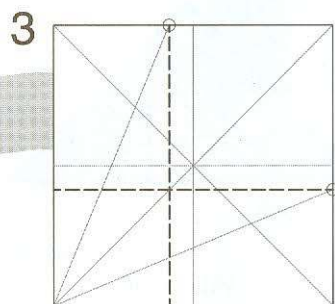
Diagrammed: ©2012/03/23



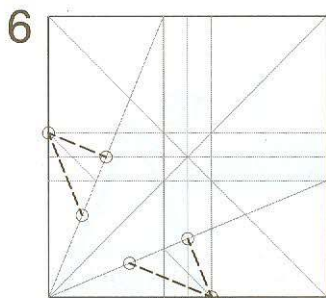
Start white side up.
Fold and unfold.



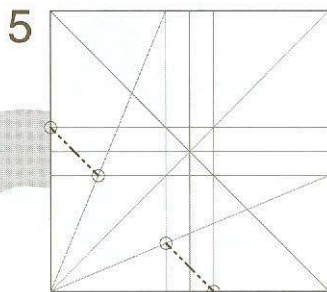
Fold and unfold.



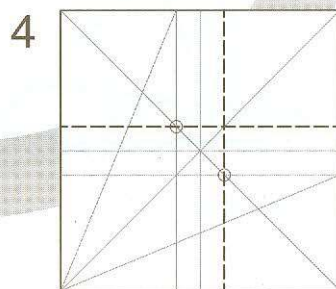
Fold and unfold.



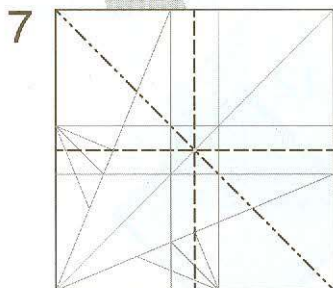
Fold and unfold.



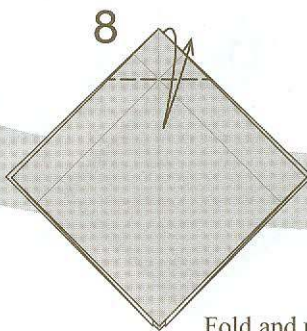
Fold and unfold.



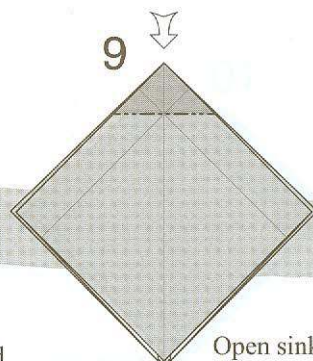
Fold and unfold.



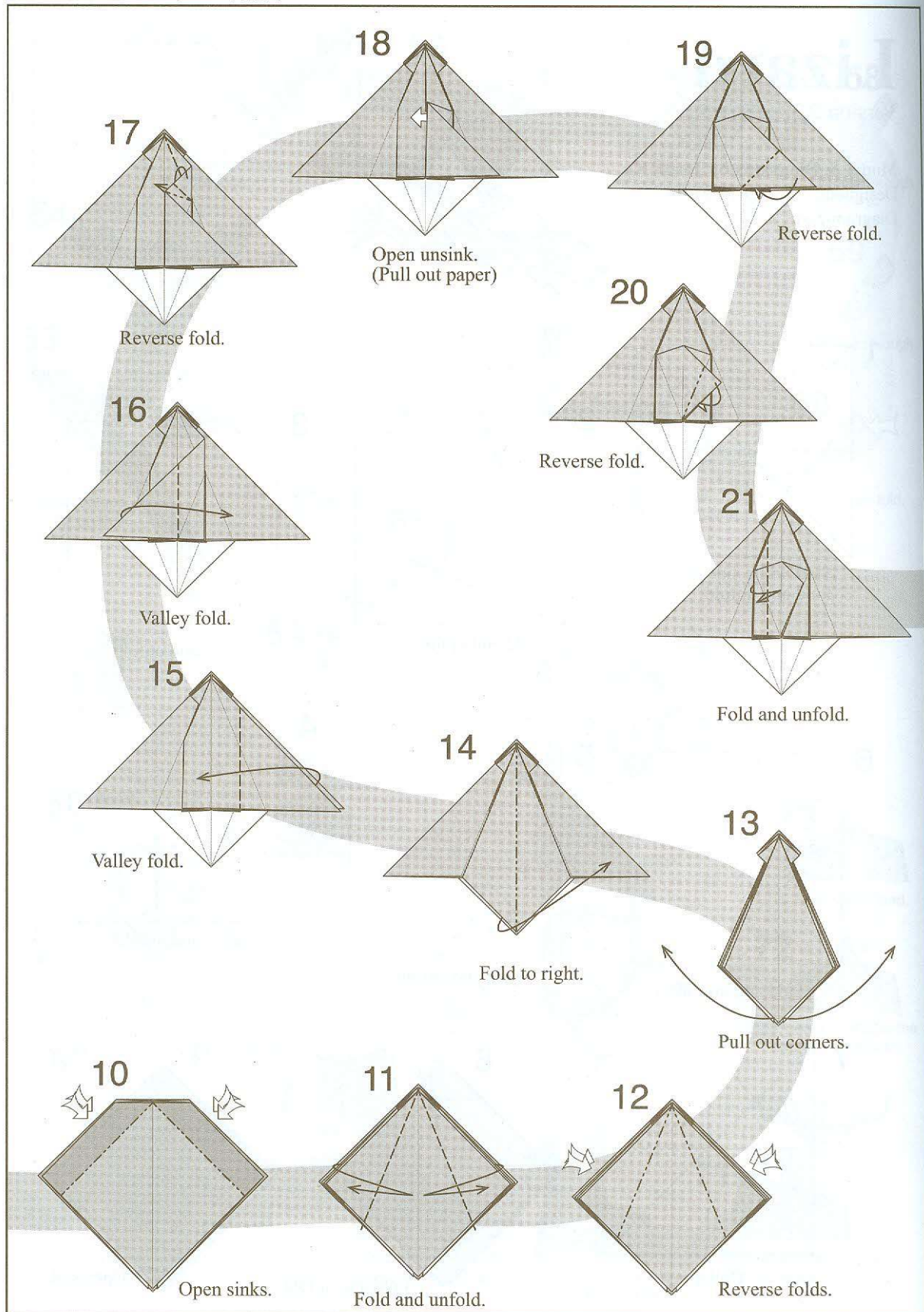
Collapse.

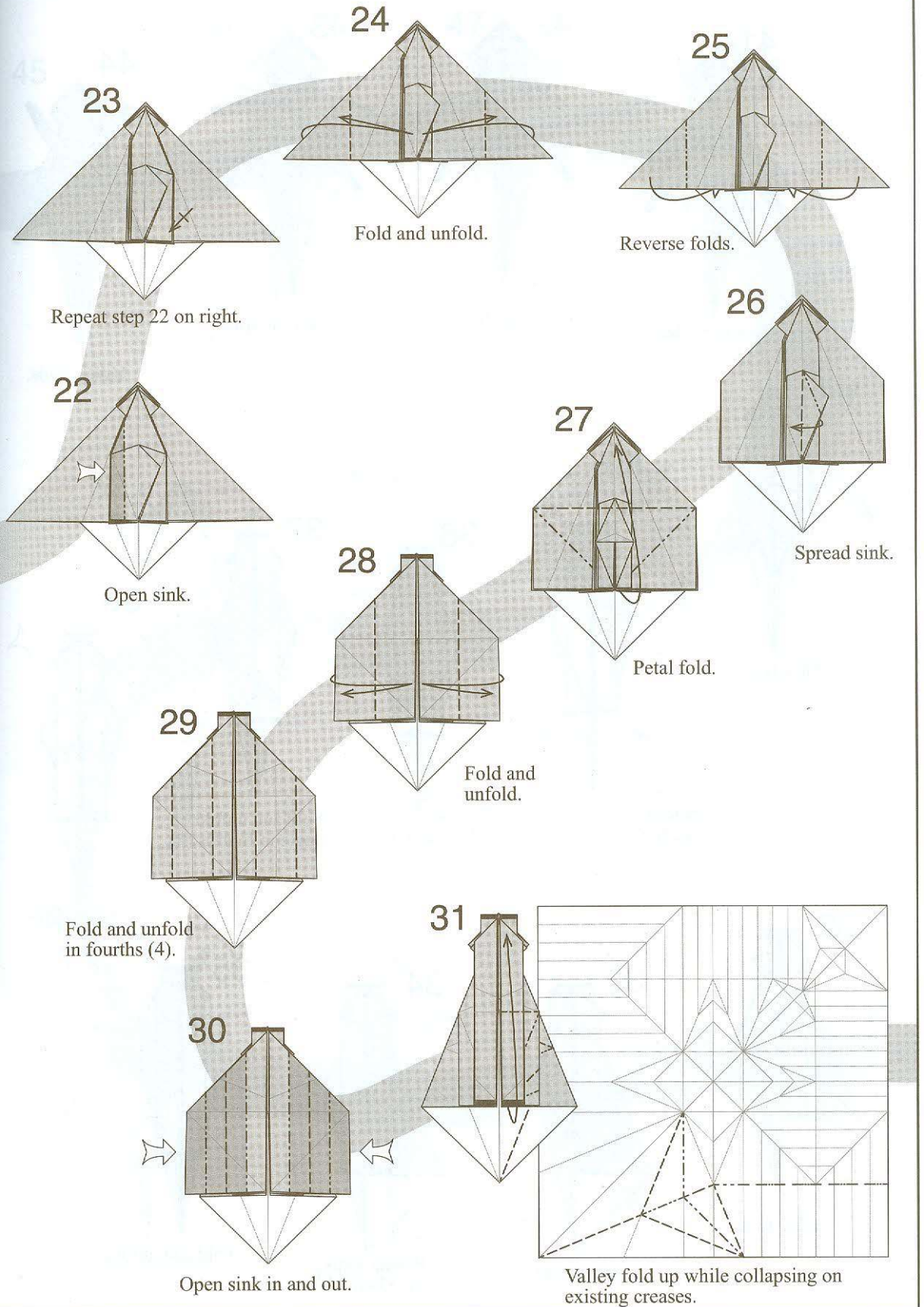


Fold and unfold.

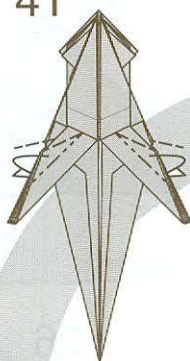


Open sink.



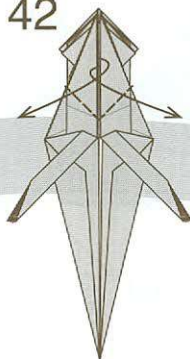


41



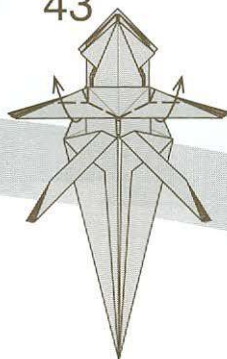
Reverse folds.

42



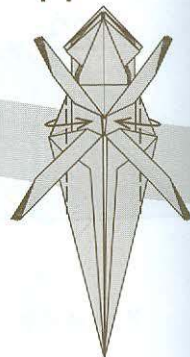
Valley folds.

43



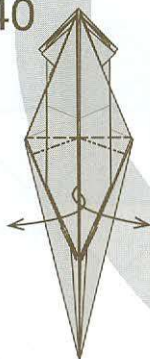
Rabbit ear arms.

44



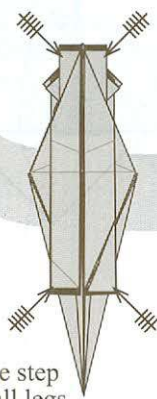
Valley folds.

40



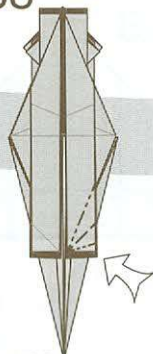
Pleat legs out.

39



Repeat step 38 on all legs, nineteen (19) more times.

38



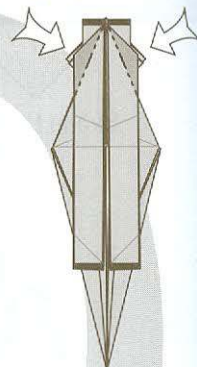
Reverse fold in and out.

37



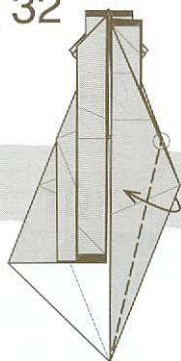
Fold and unfold angle in fourths (4).

36



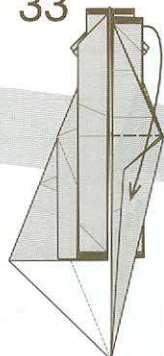
Open sink.

32



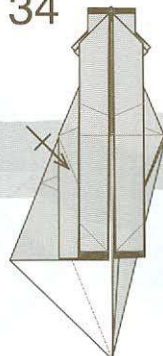
Valley fold.

33



Valley fold.

34

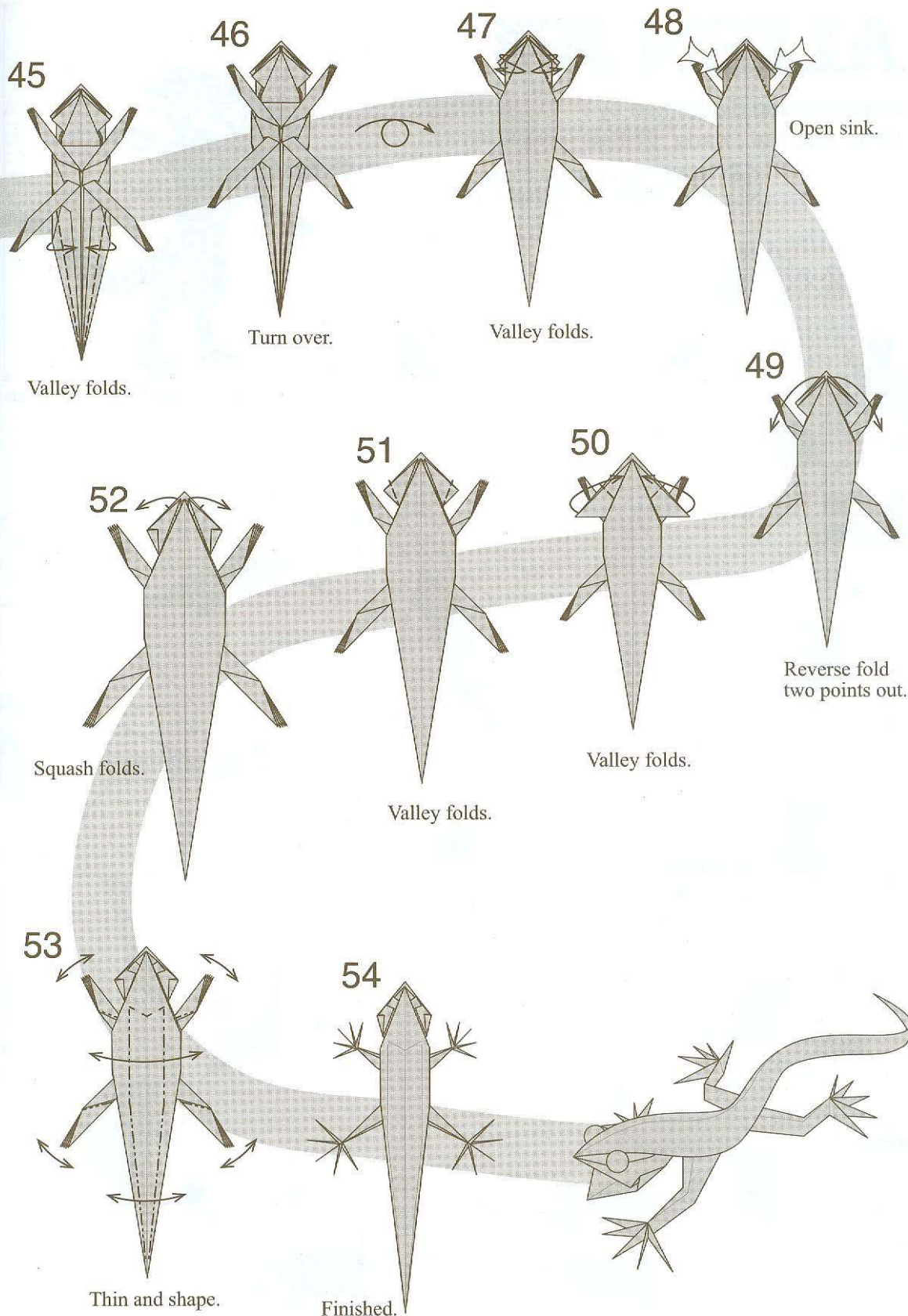


Repeat steps 31-33 on left.

35



Fold and unfold.

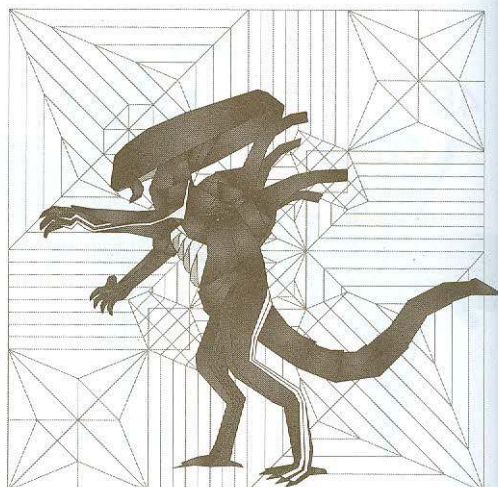


ALIEN 異形

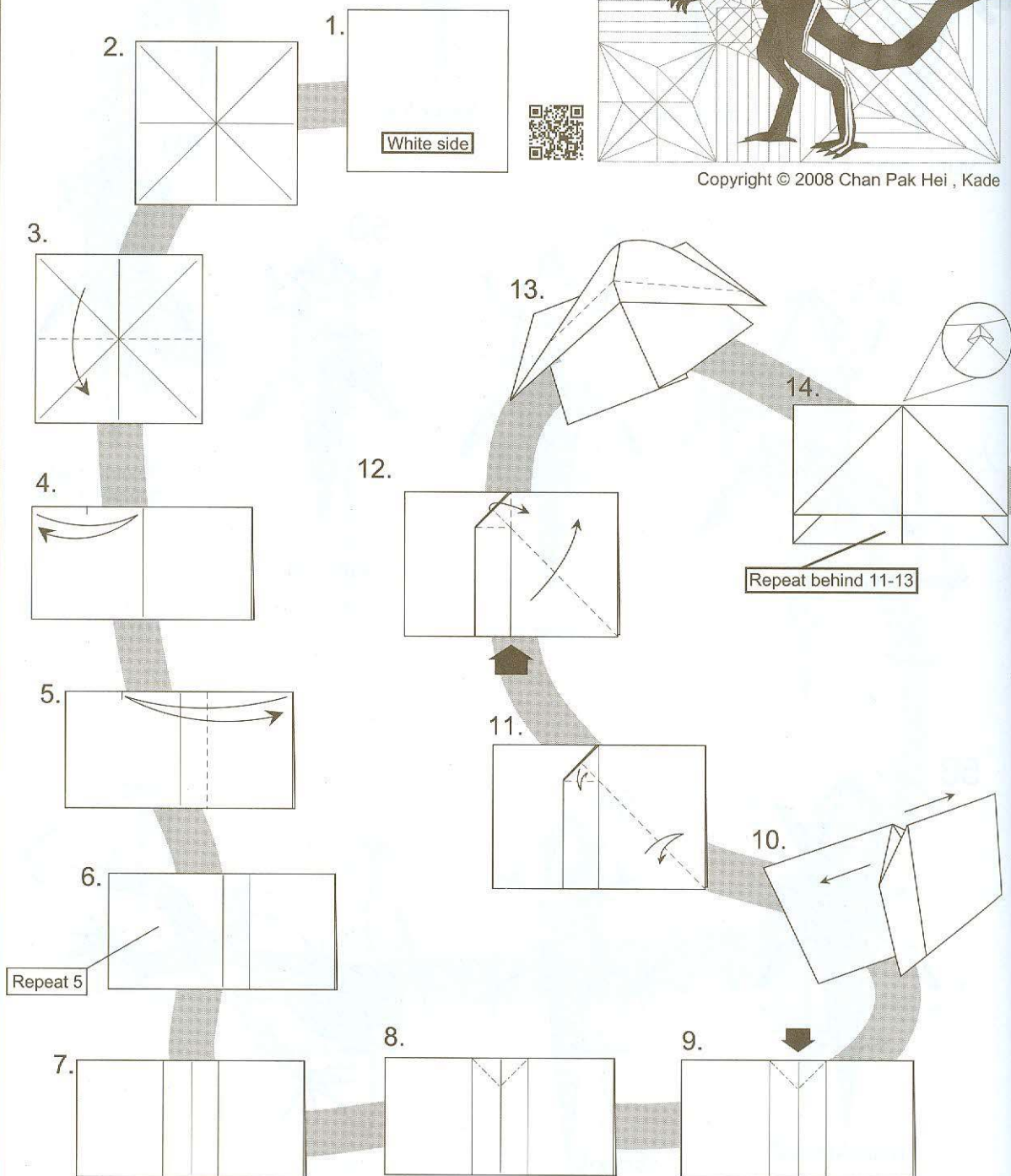
Designed and diagramed by :
Chan Pak Hei , Kade 陳柏熹 (Hong Kong)

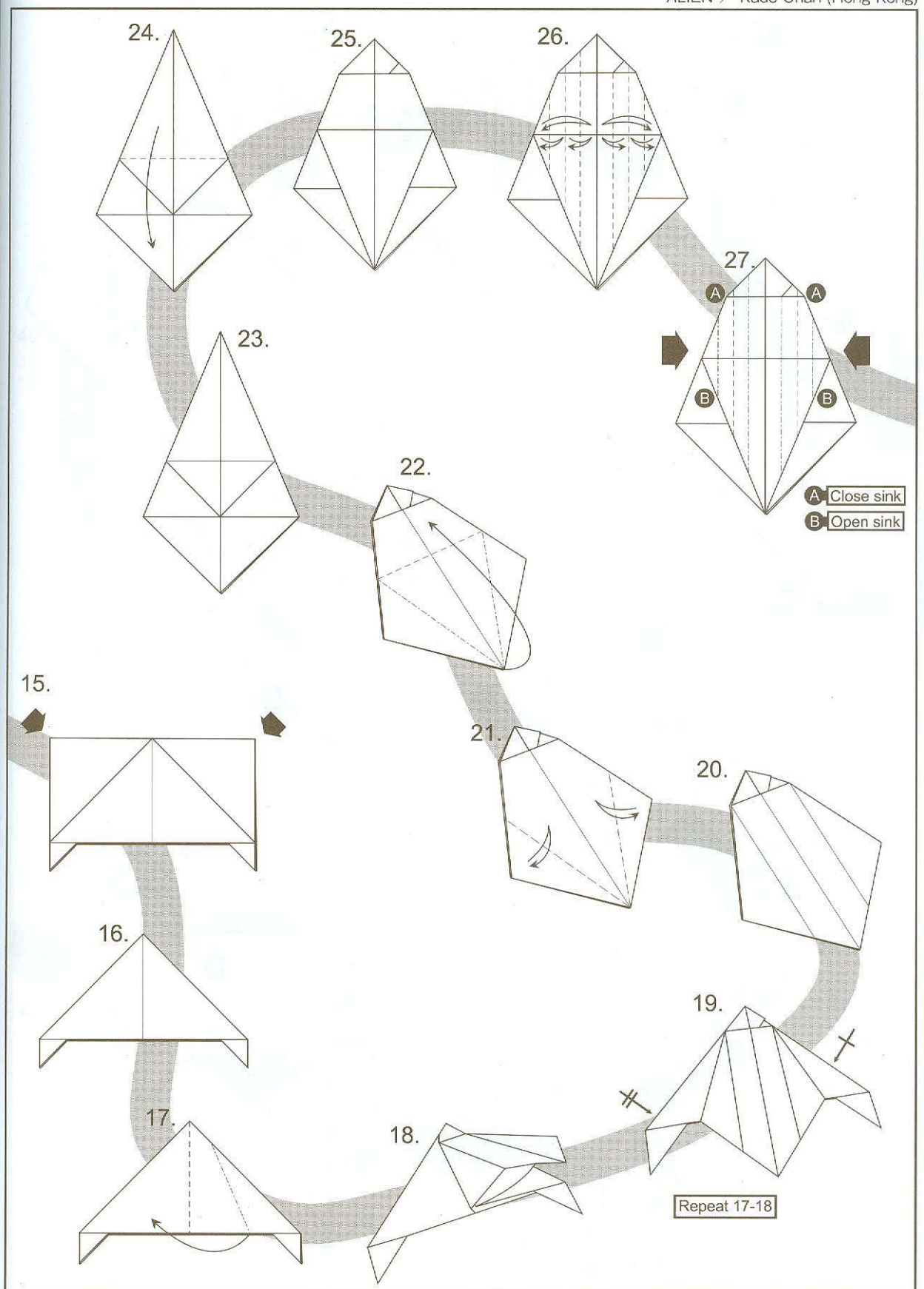


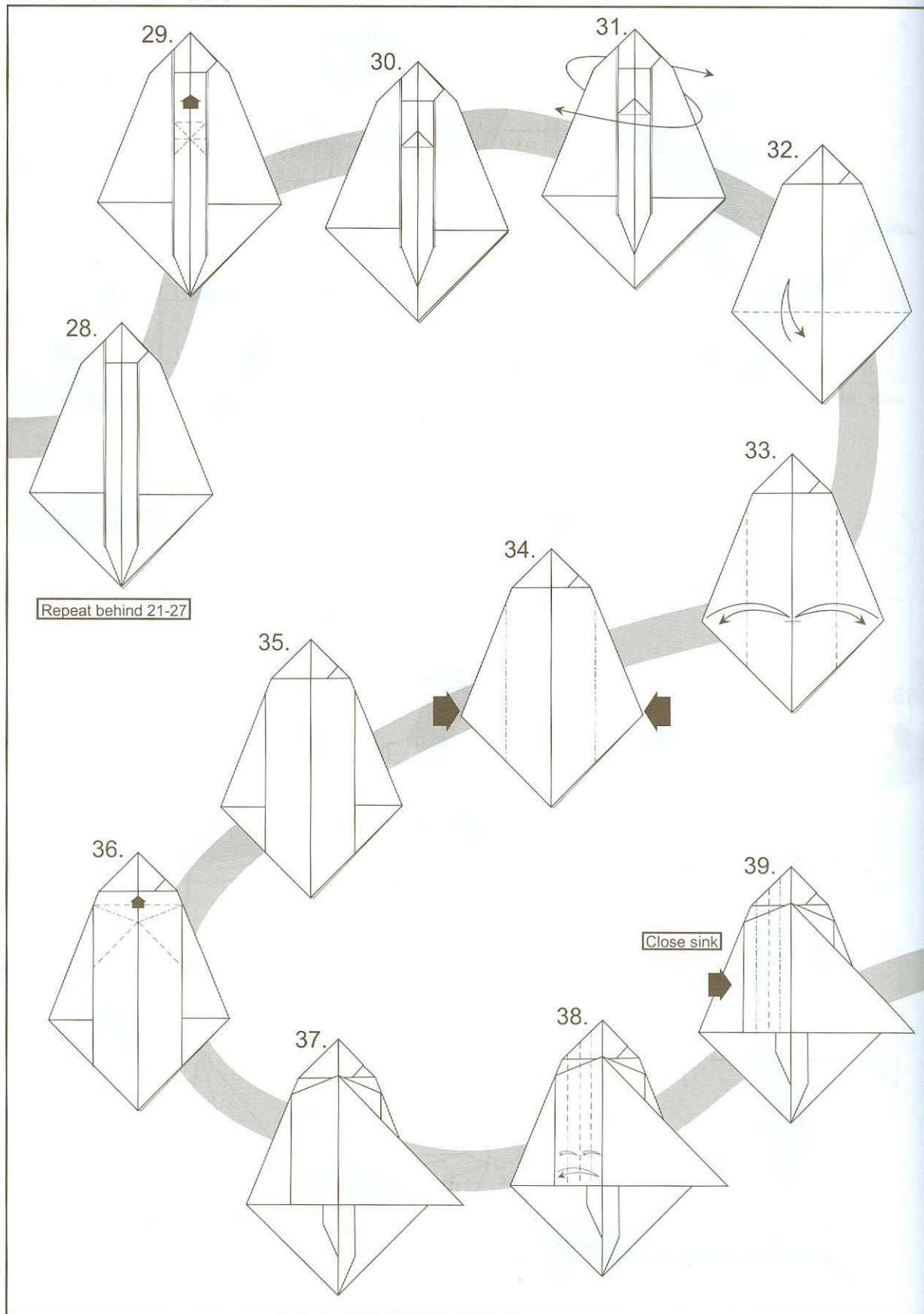
Kade Chan Origami Studio :
<http://kadechan.blogspot.hk>

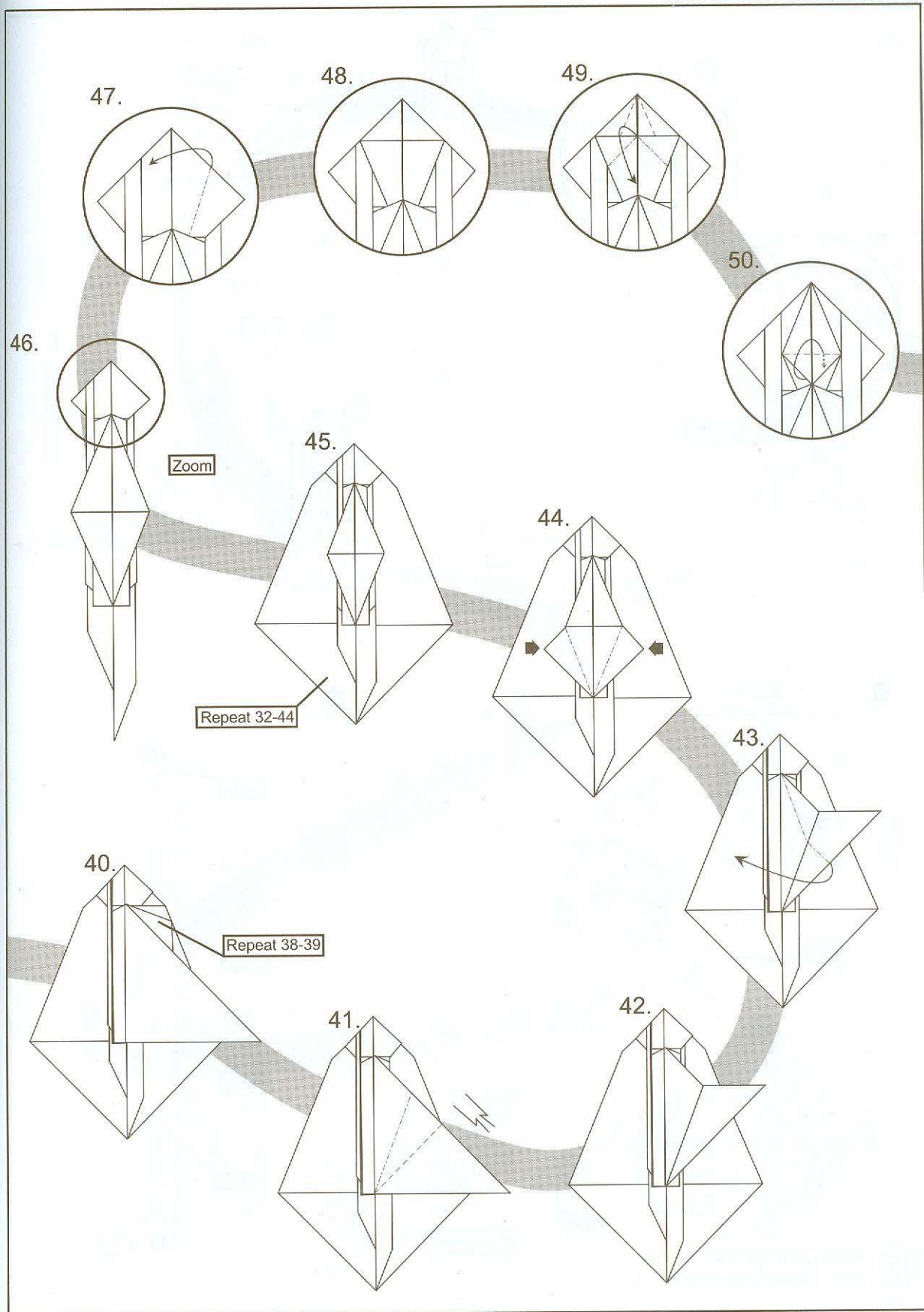
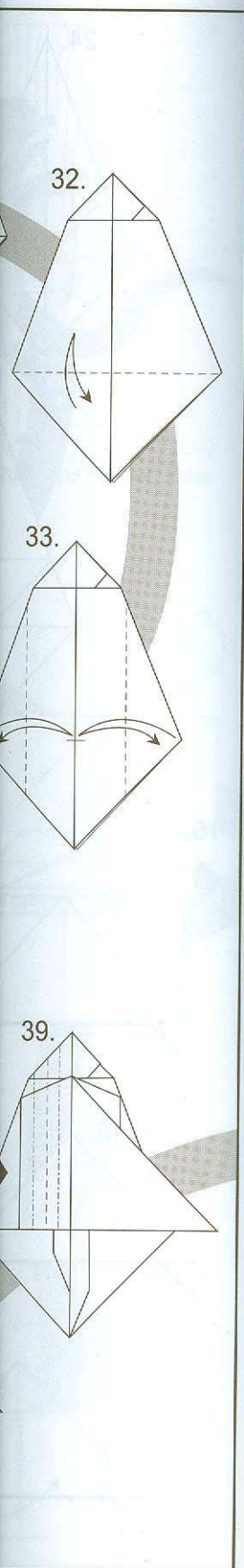


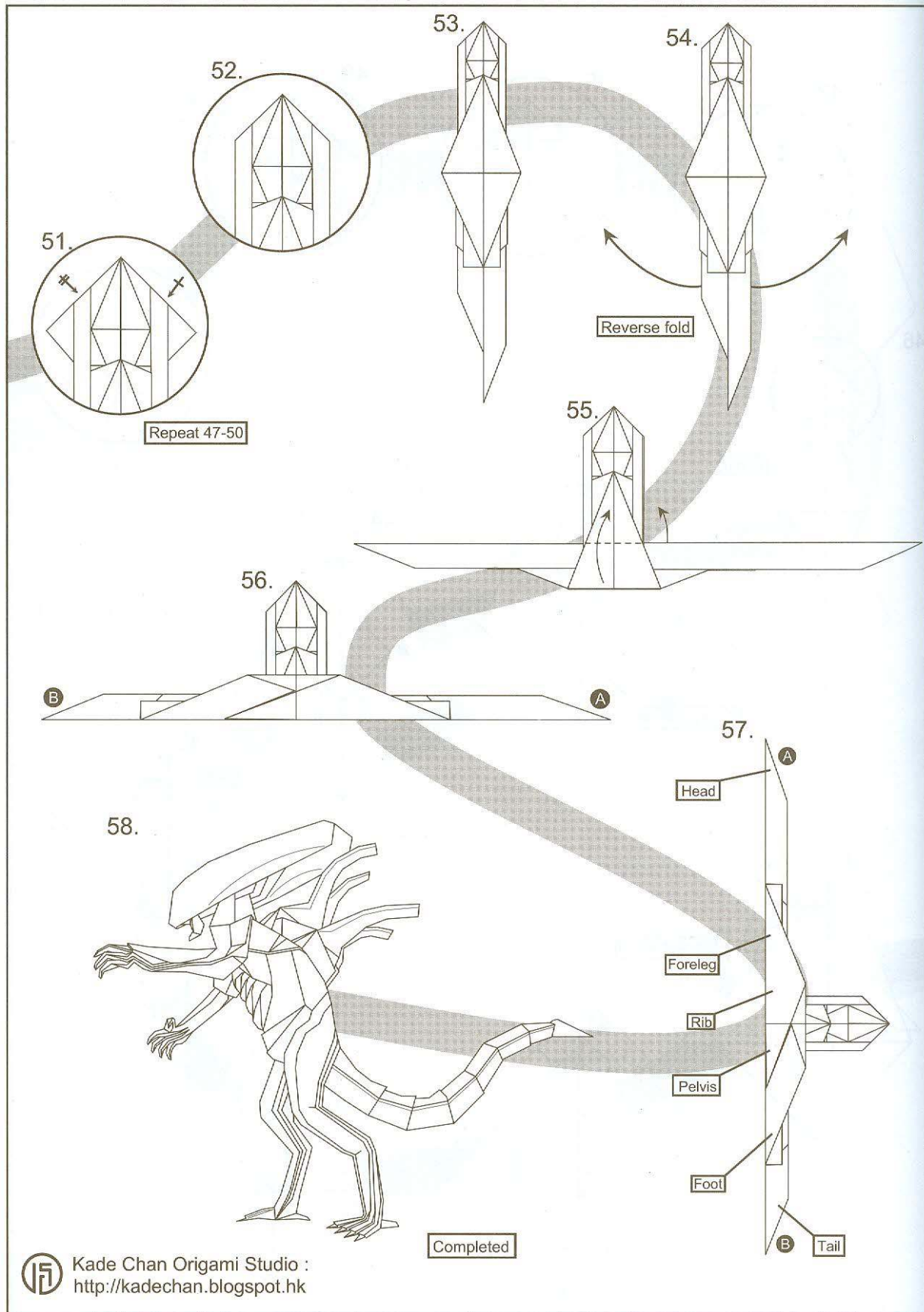
Copyright © 2008 Chan Pak Hei , Kade









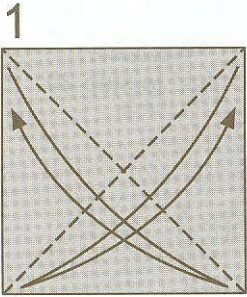
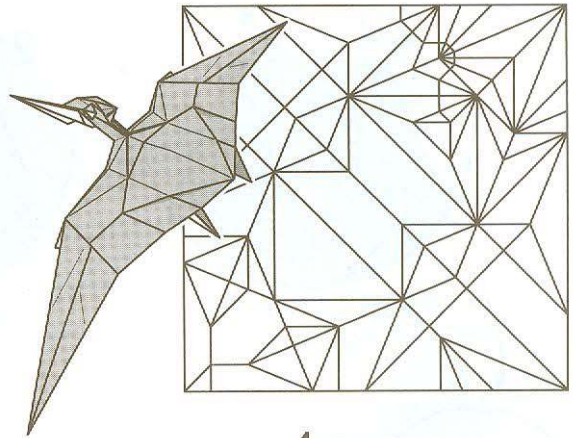


YOUNG PTERANODON

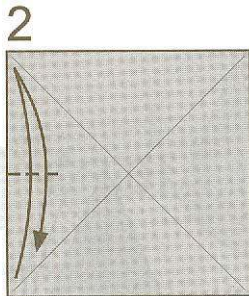
Creator: Nguyễn Hùng Cường

Designed: 02/09/2010

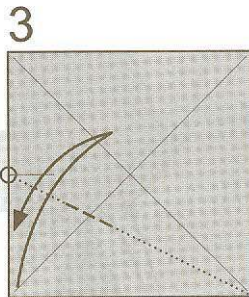
Paper size: 25x25 cm



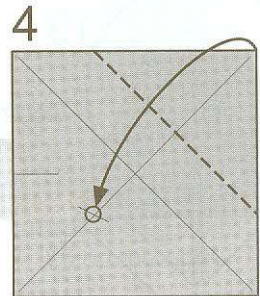
Color side up.
Fold and unfold.



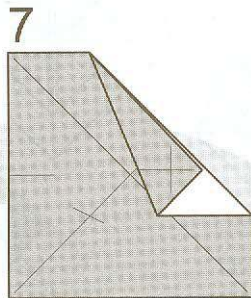
Make a pinch and
unfold.



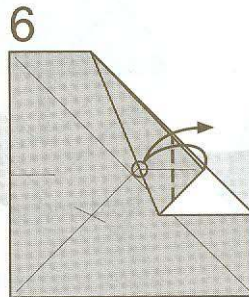
Make a pinch and
unfold.



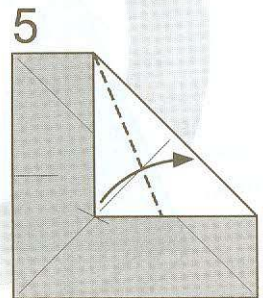
Fold the corner to
the circled point.



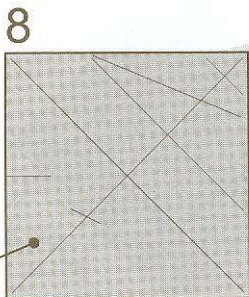
Unfold everything.



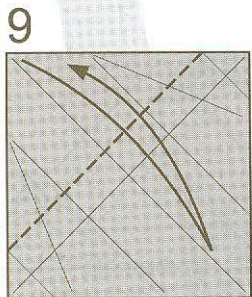
Fold and unfold.



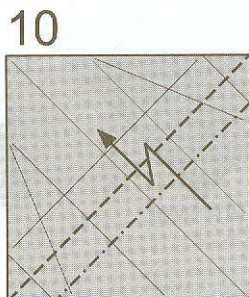
Bisect the angle.



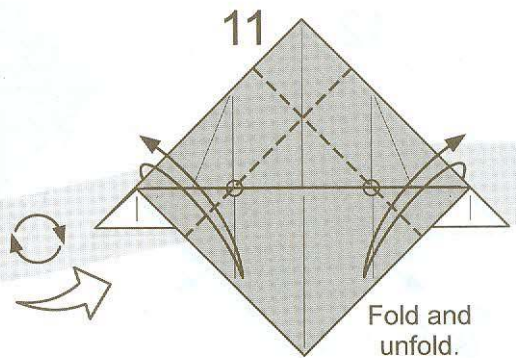
Repeat steps 4 to 7
on the other side.



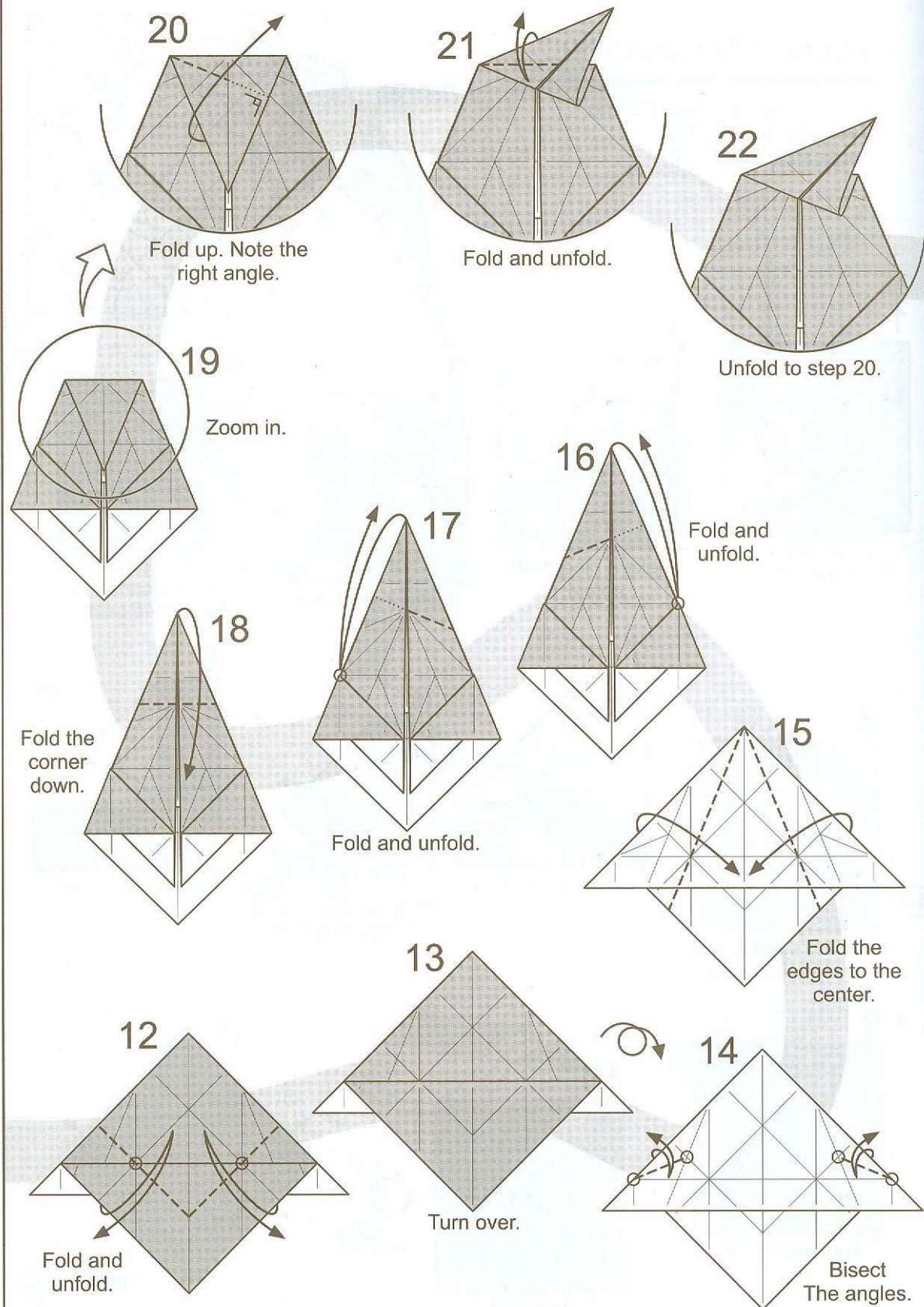
Fold and unfold.

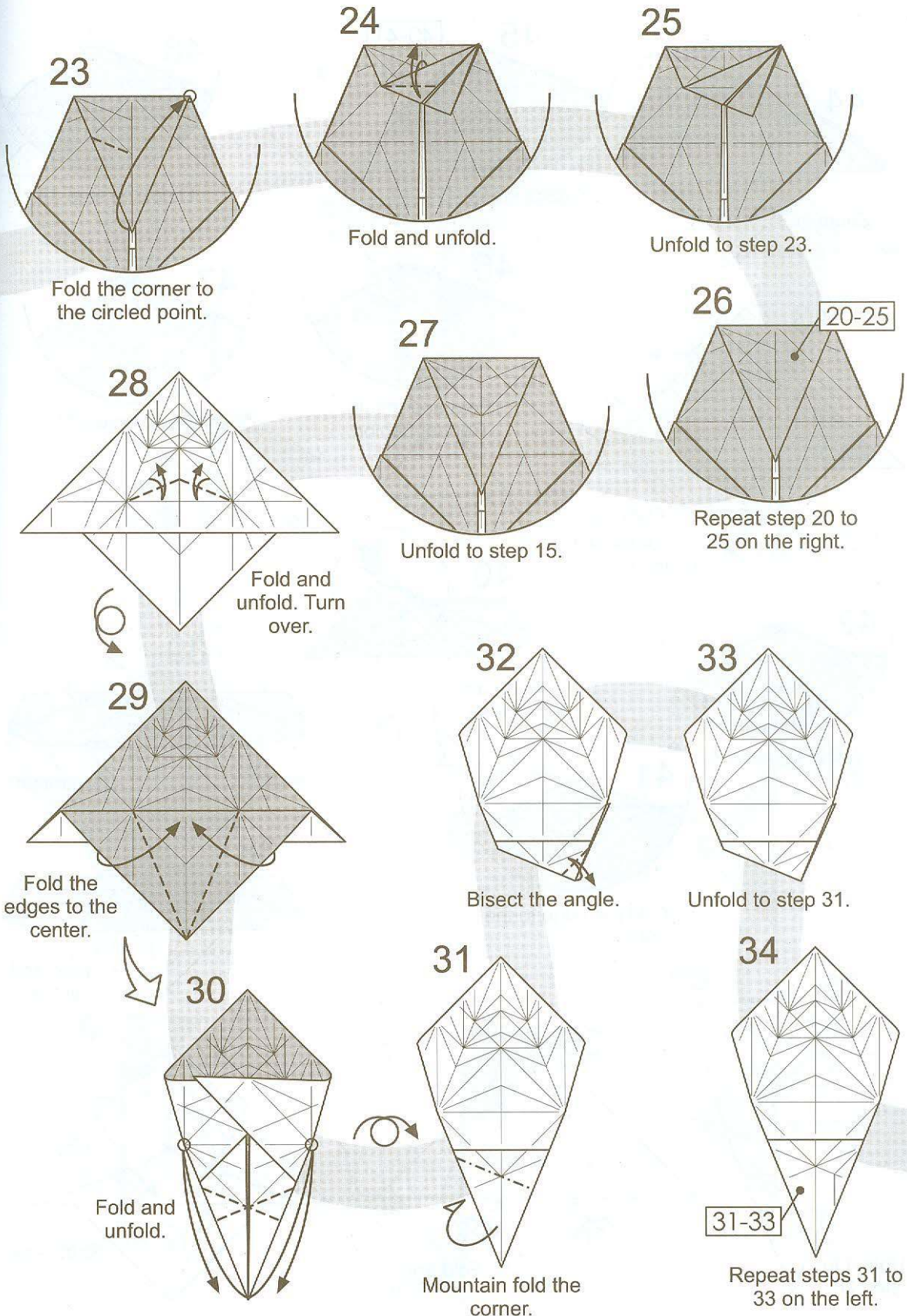


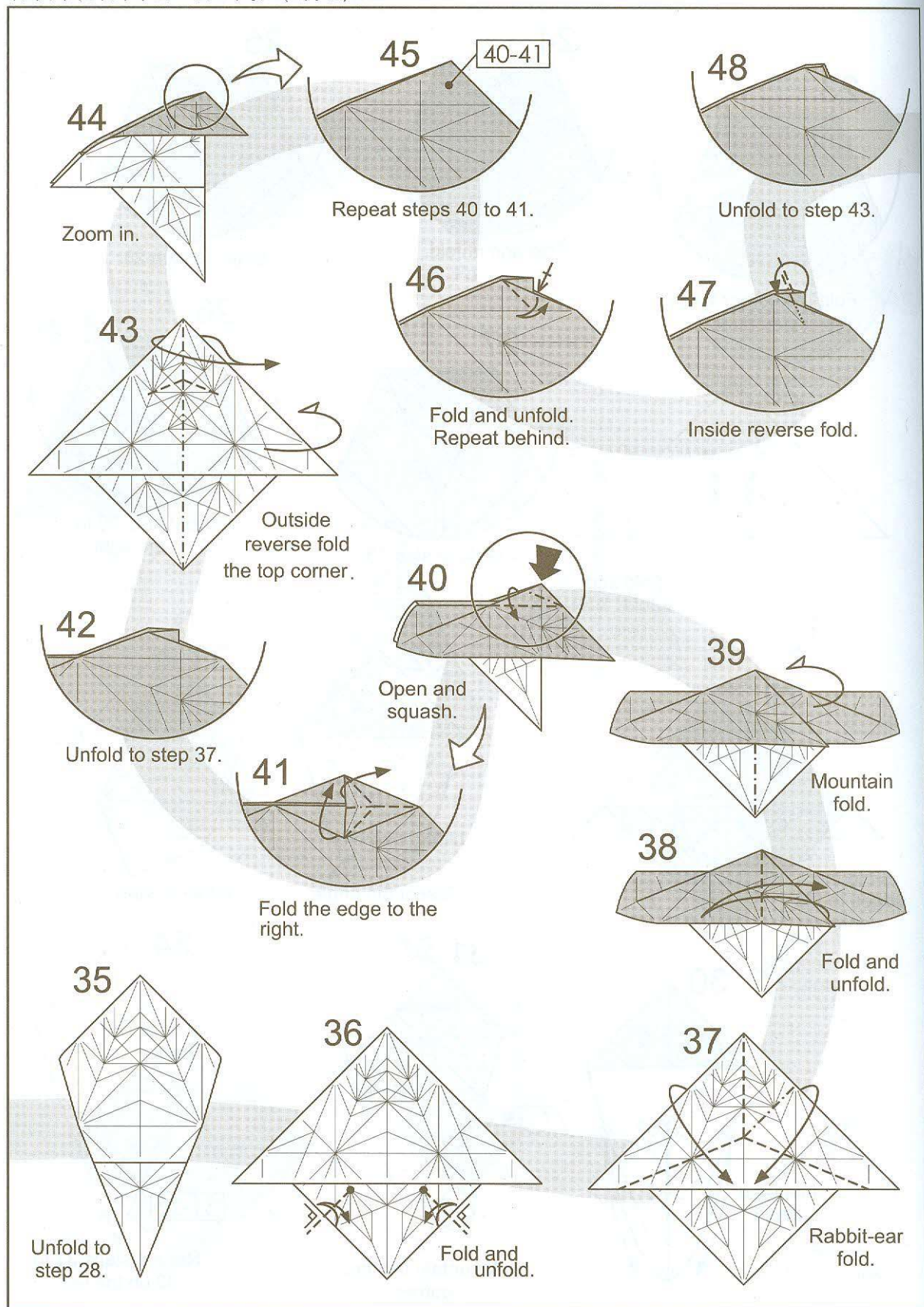
Pleat fold.

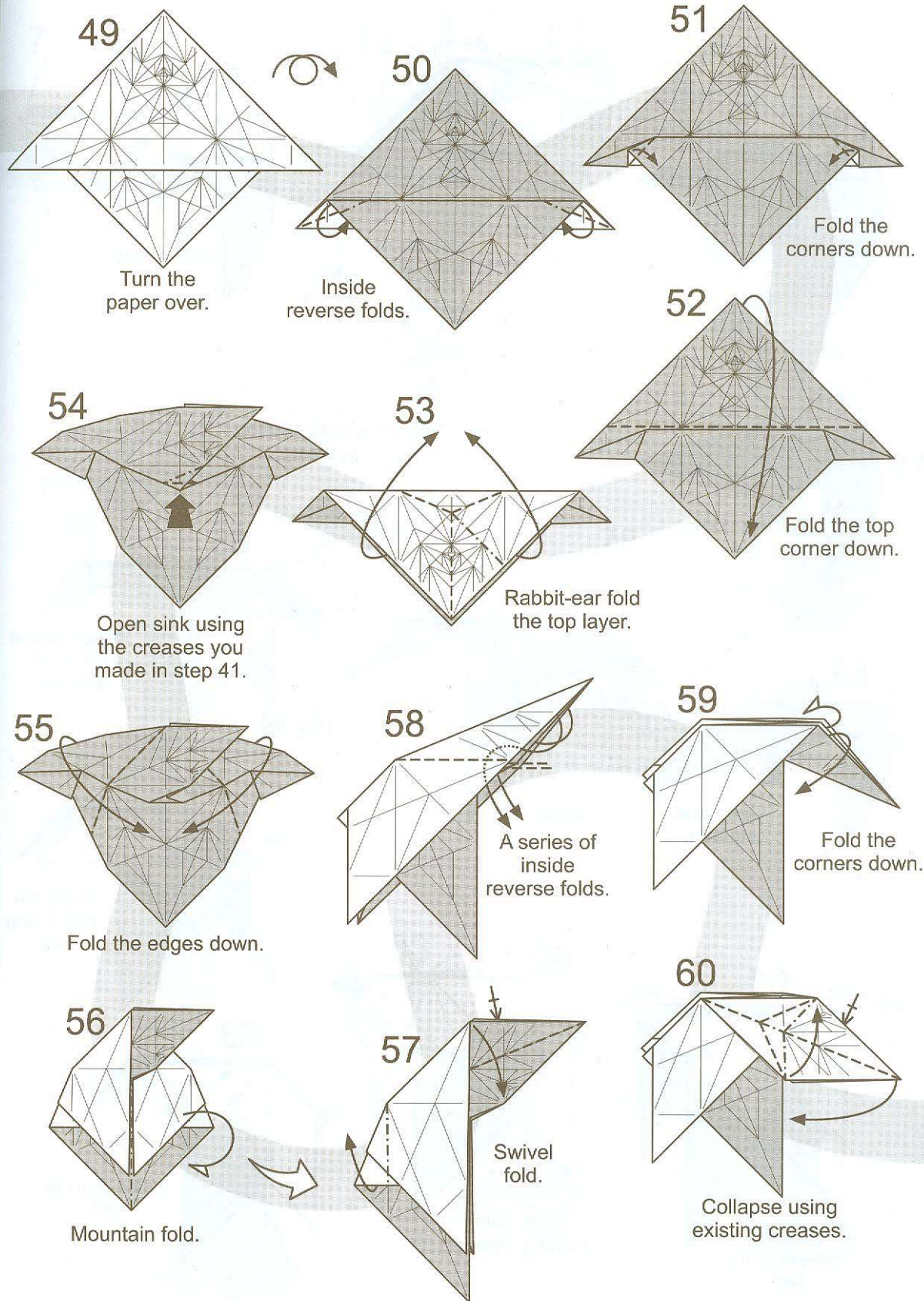


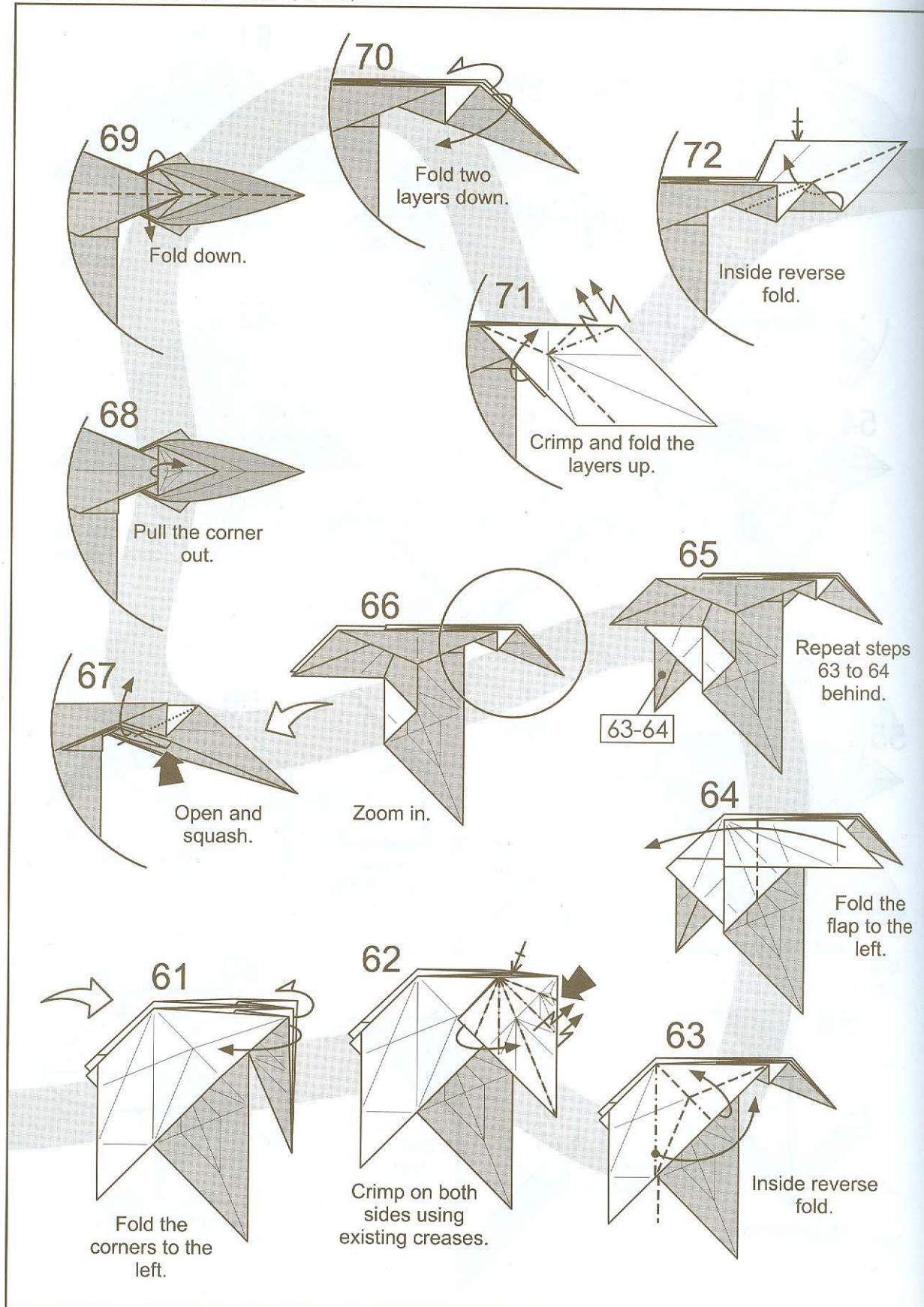
Fold and
unfold.

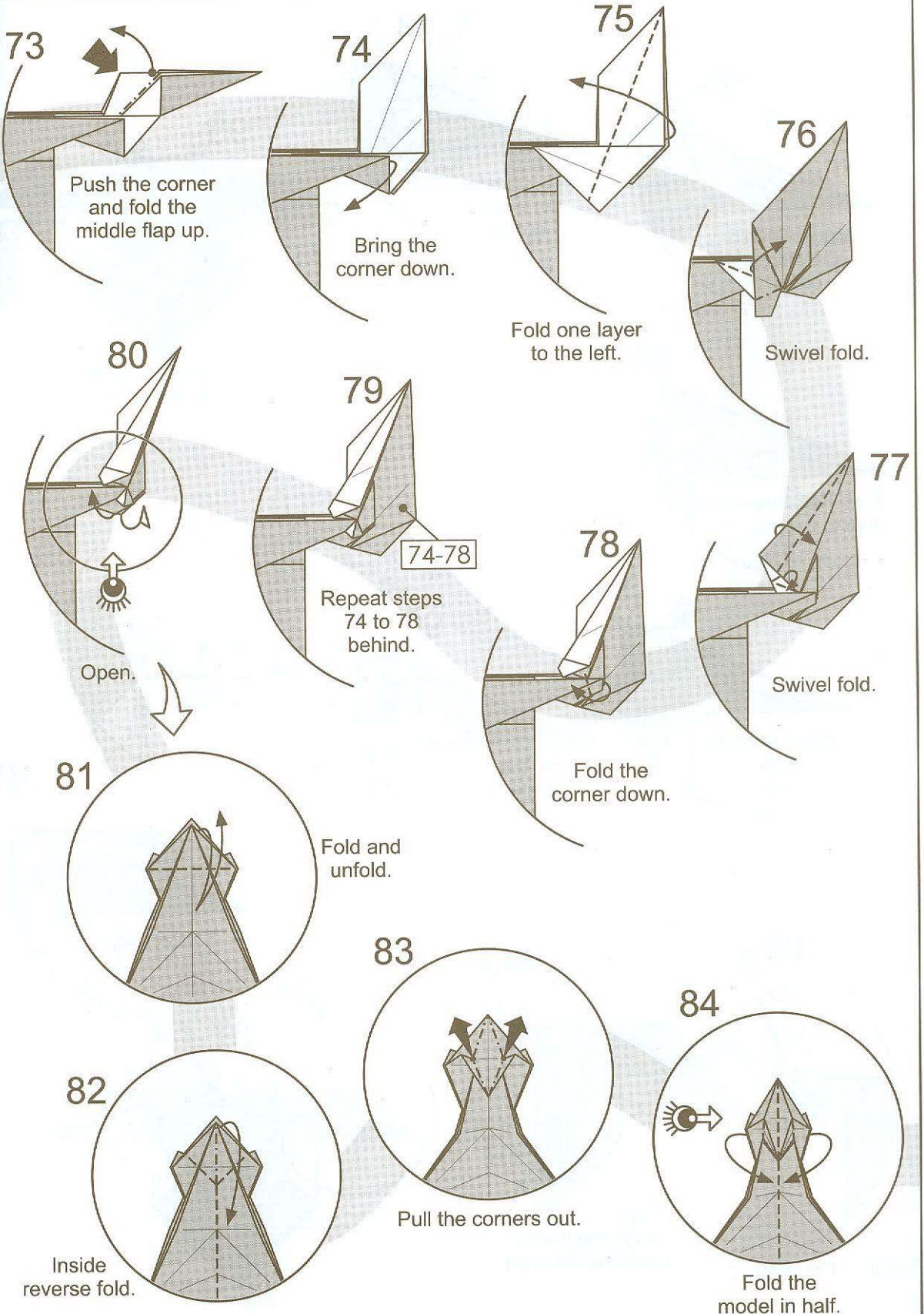


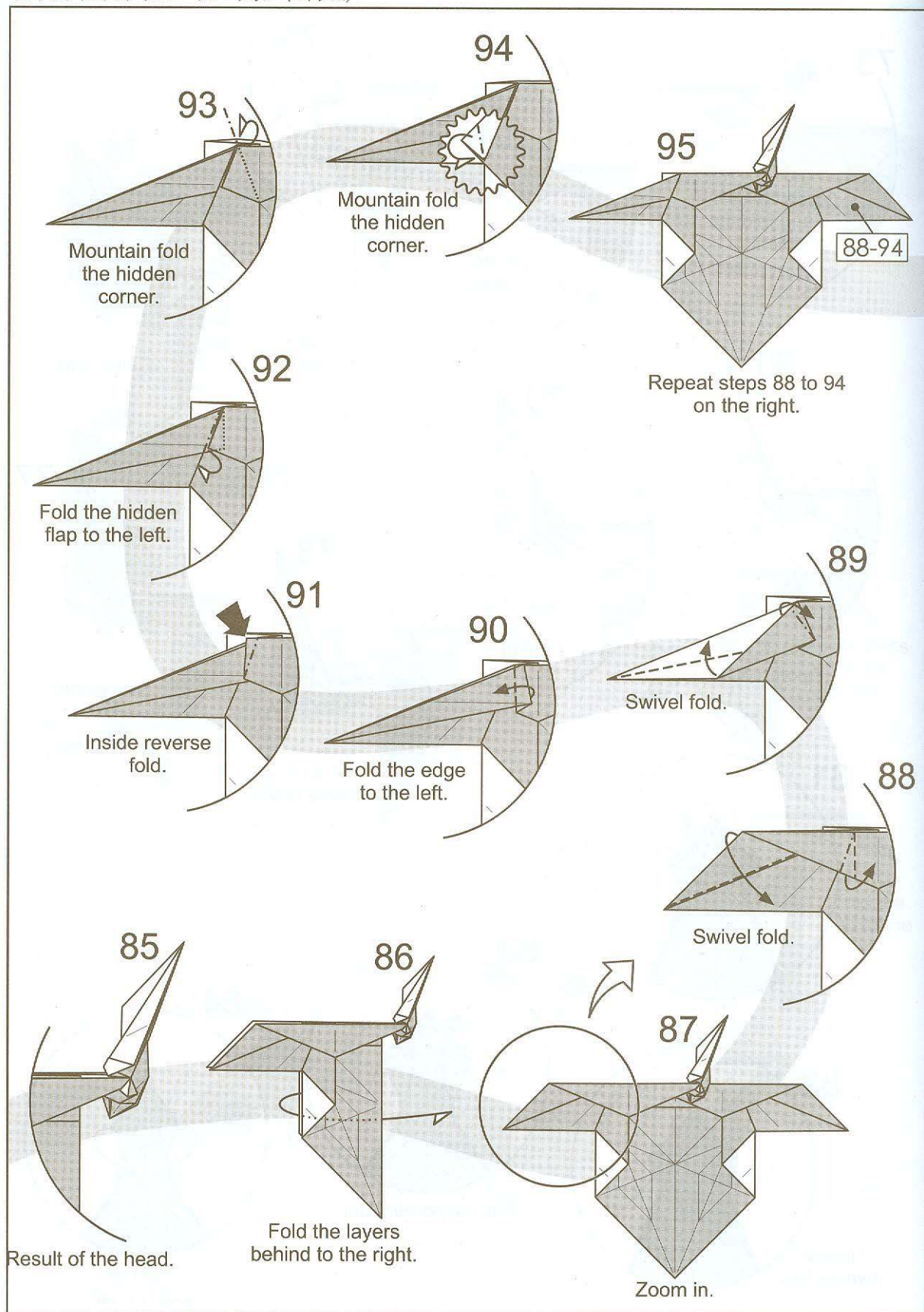


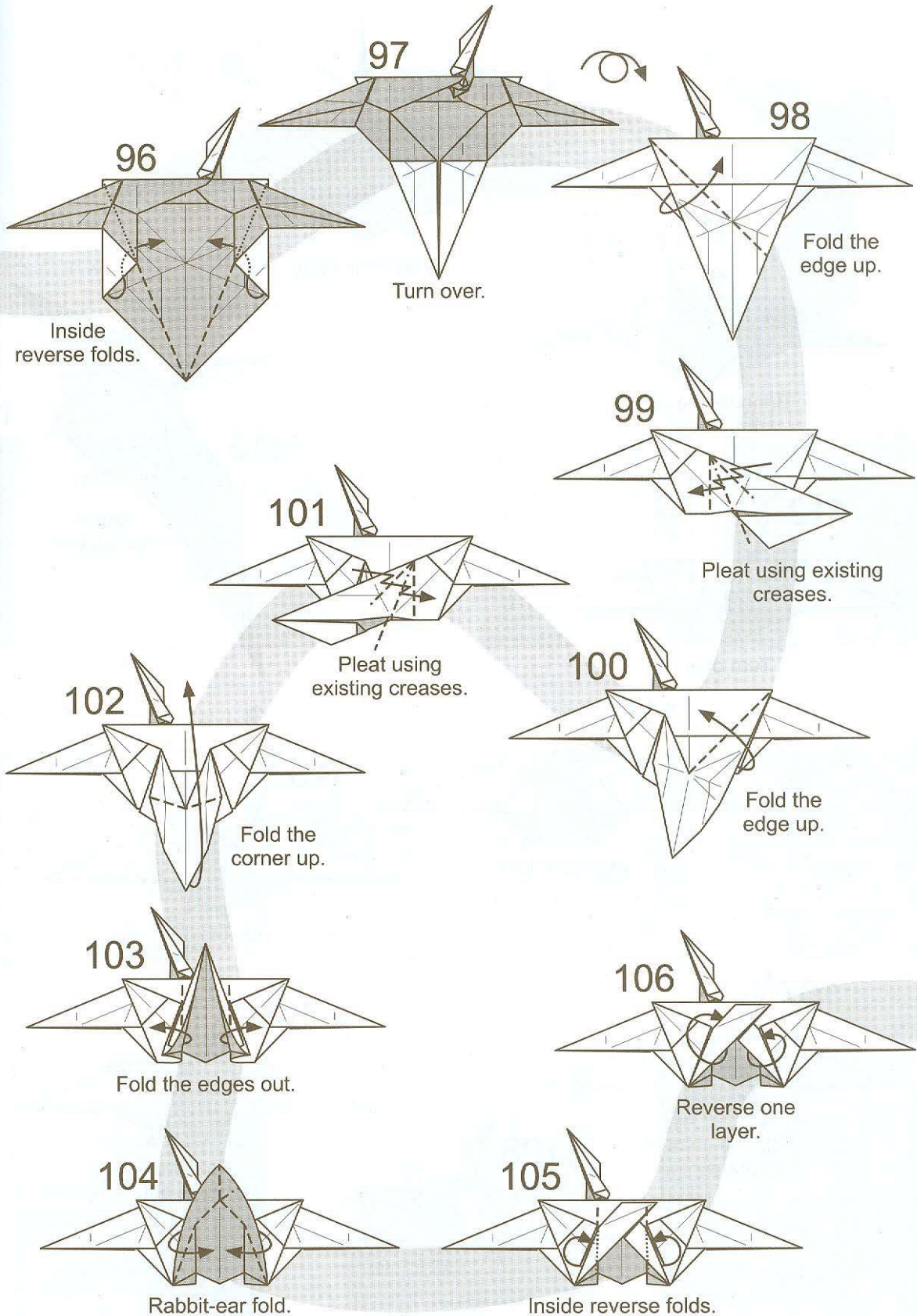


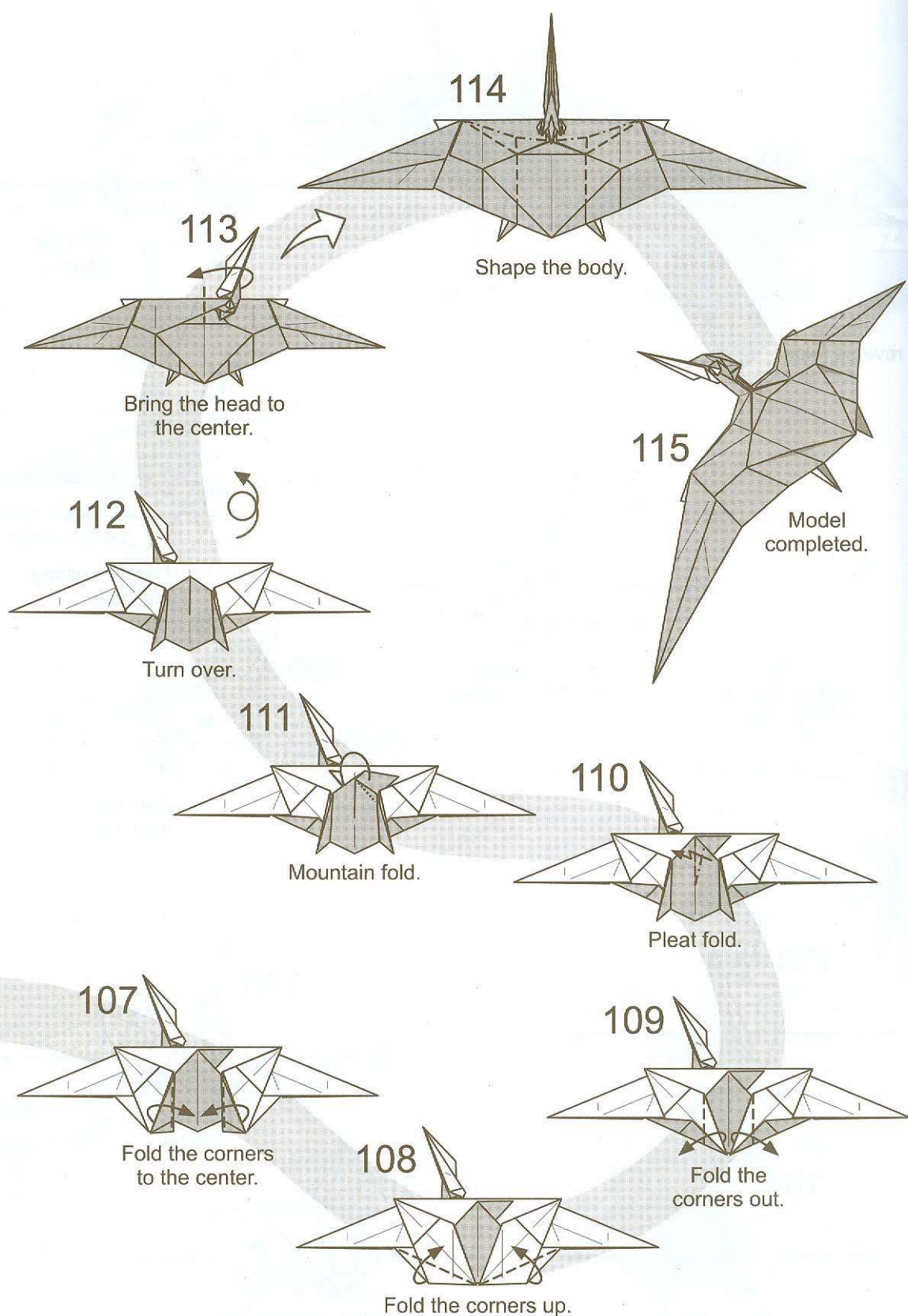












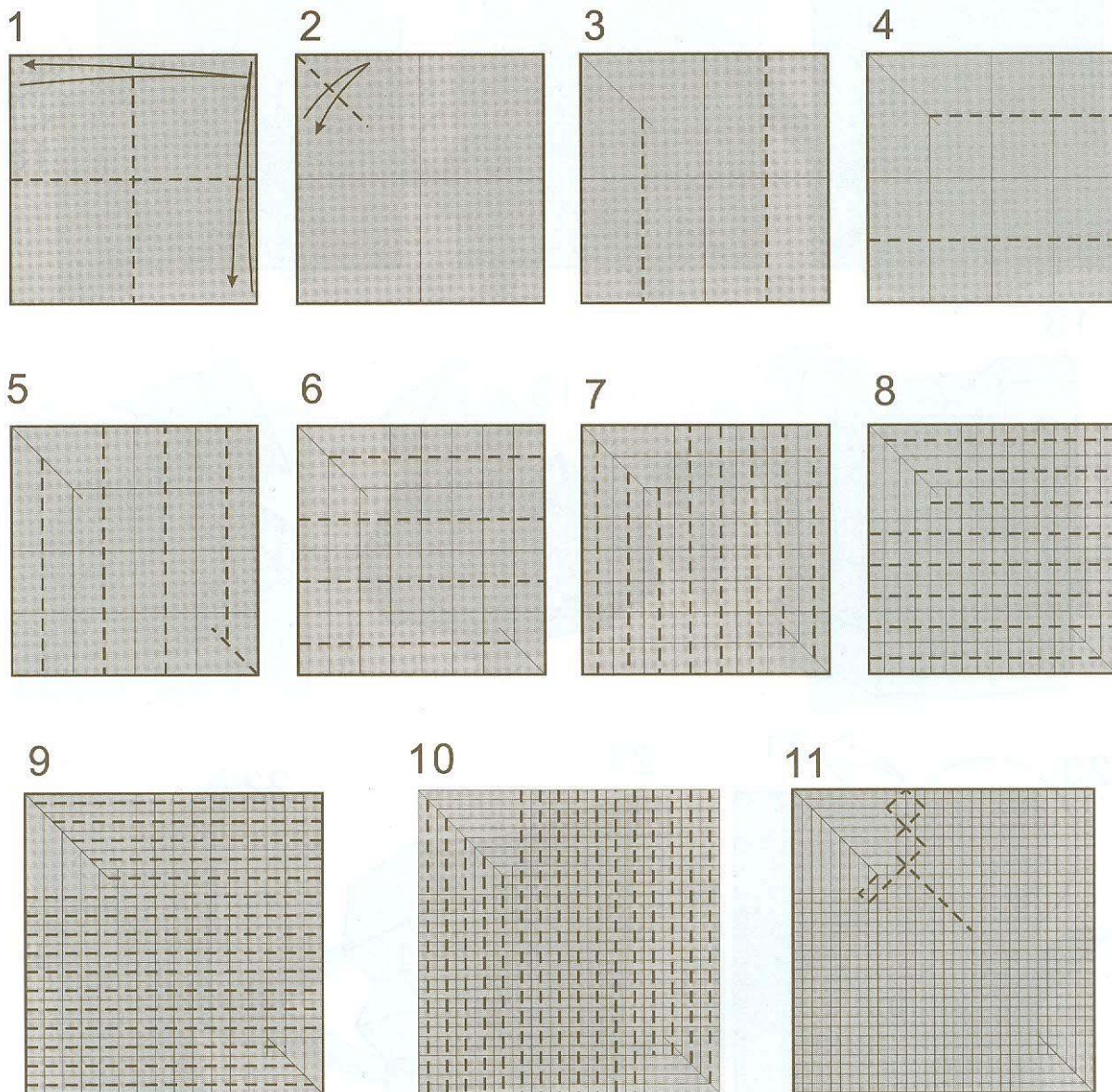
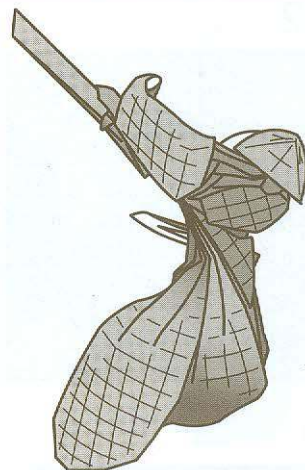
剣客 Swordman

創作・作図：ダンヴェトタン

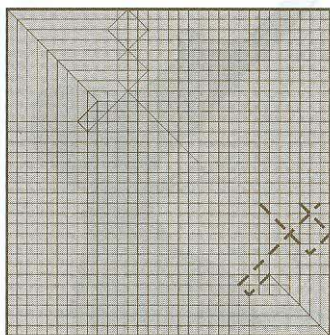
Design - Diagram: Dang Viet Tan

ステップ1～17では折り目の線を作ります。

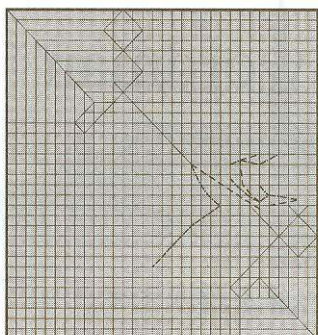
Step 1~17: make crease lines



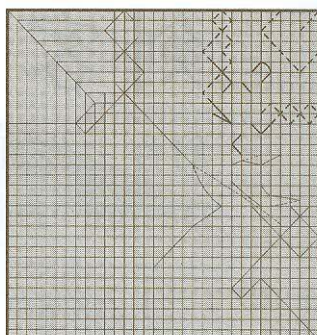
12



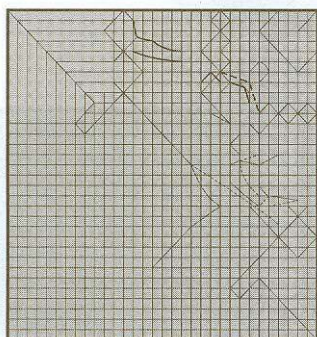
13



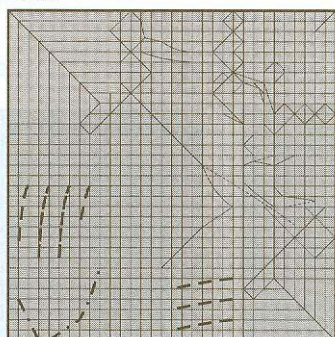
14



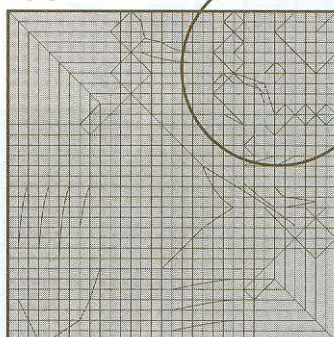
15



16

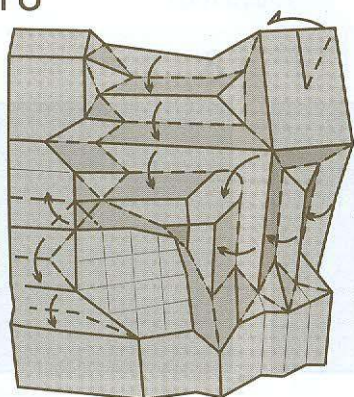


17

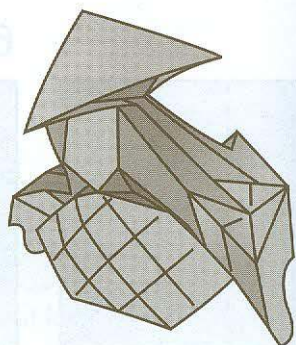
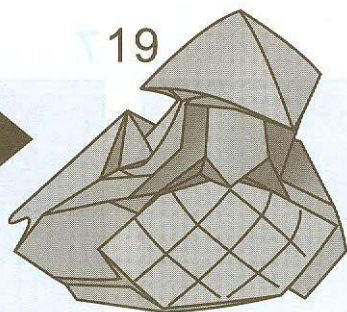


18

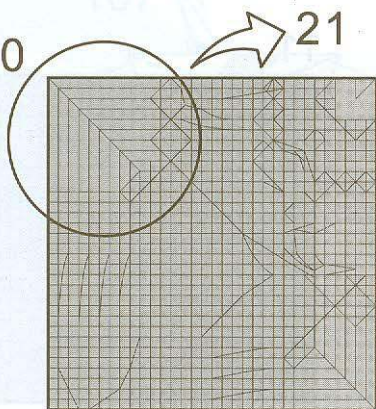
18



19

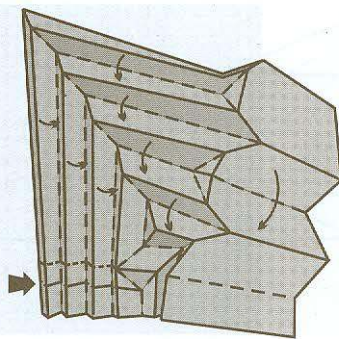


20

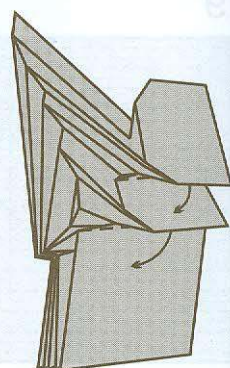


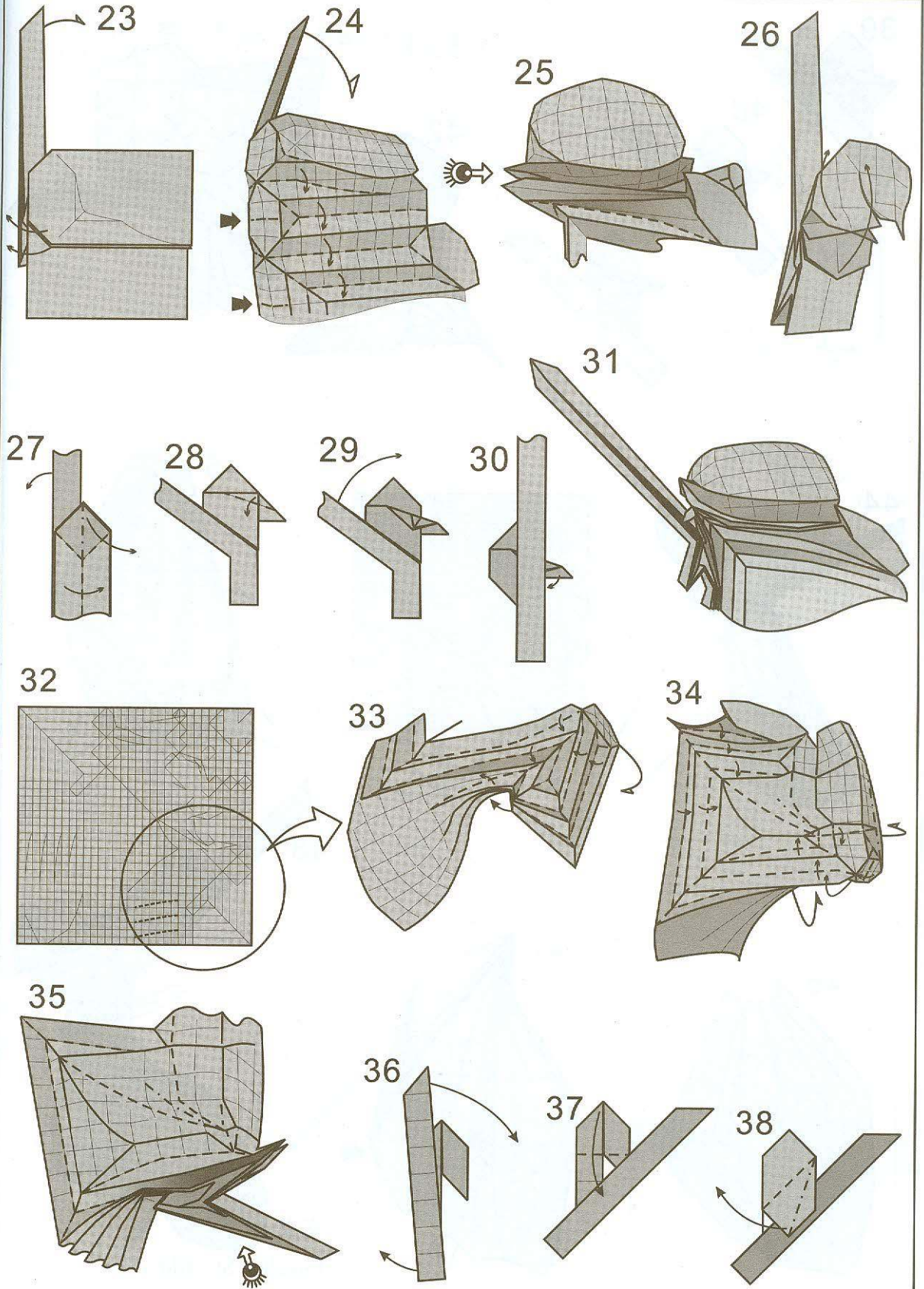
21

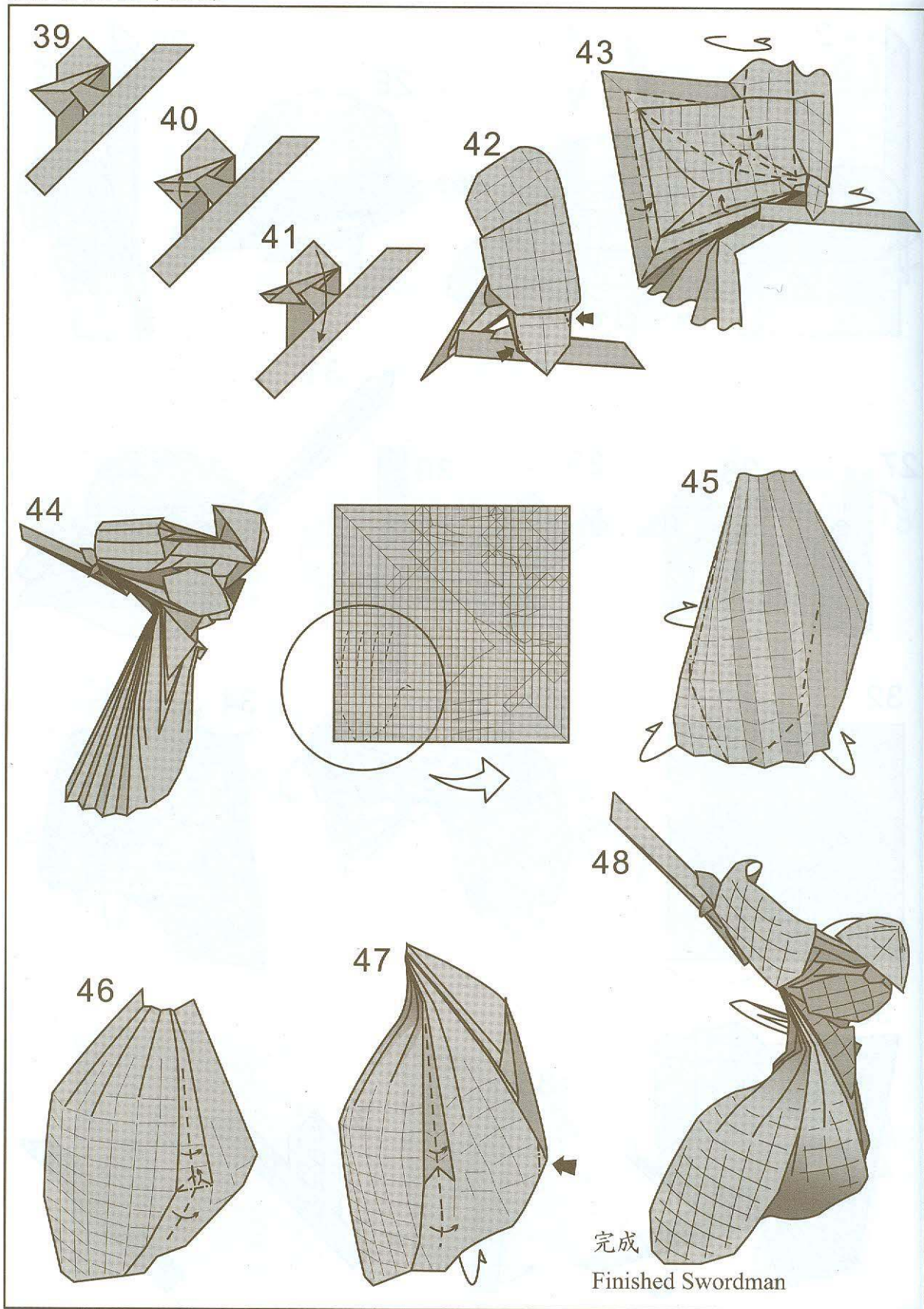
21



22







황제 (The Emperor)

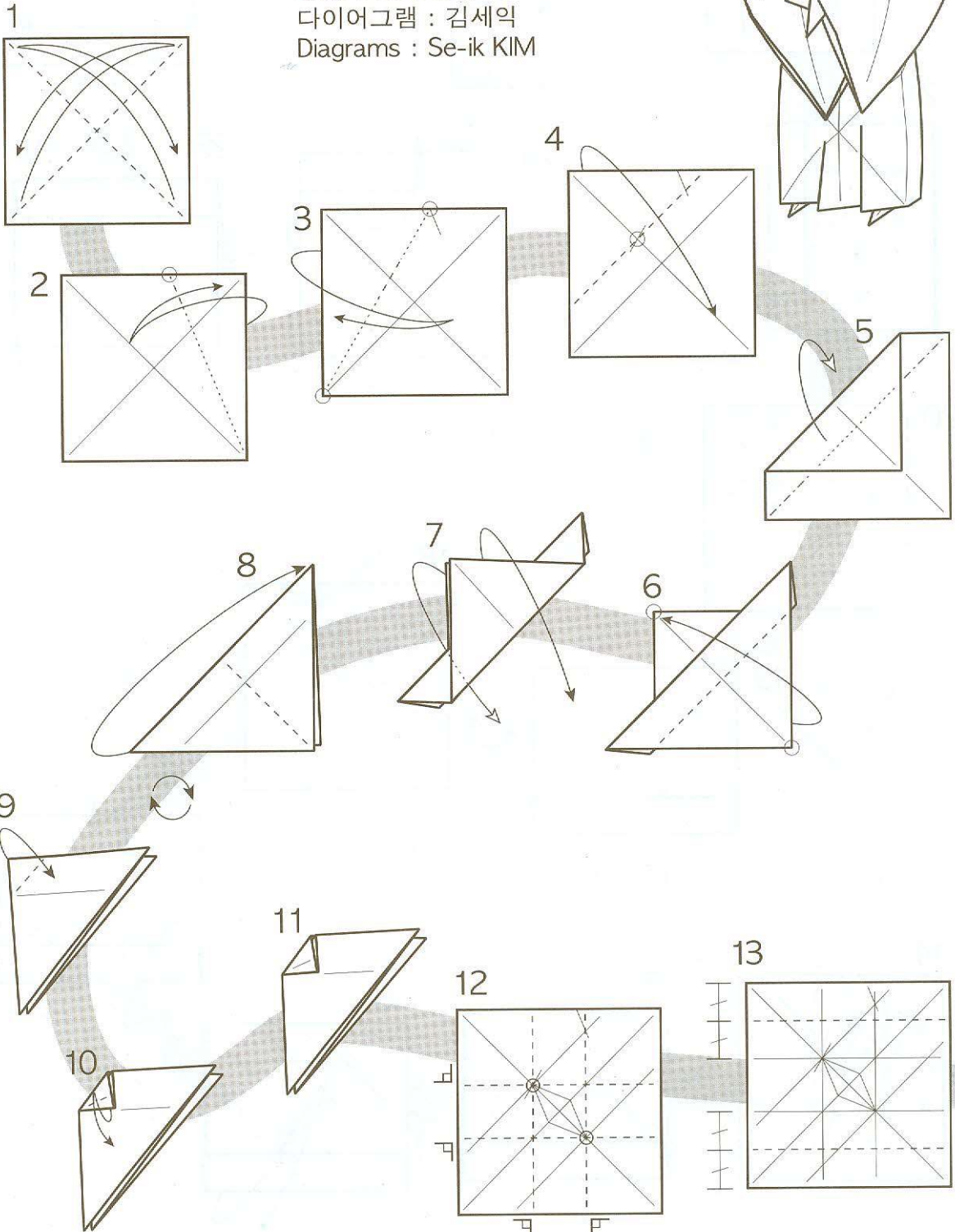
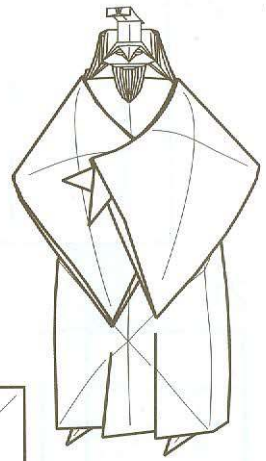
창작 : 이인섭

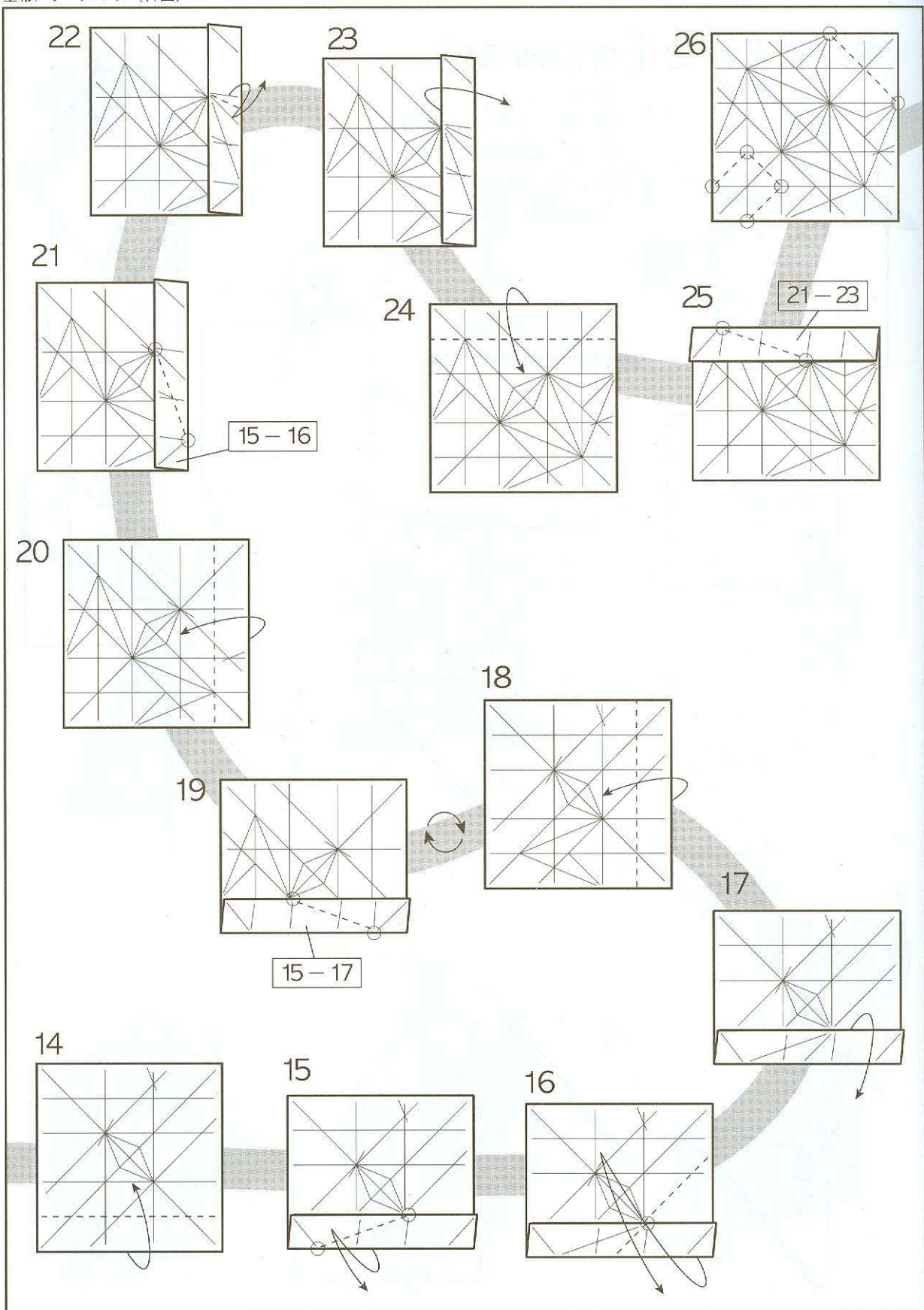
Design : LEE in-Seop

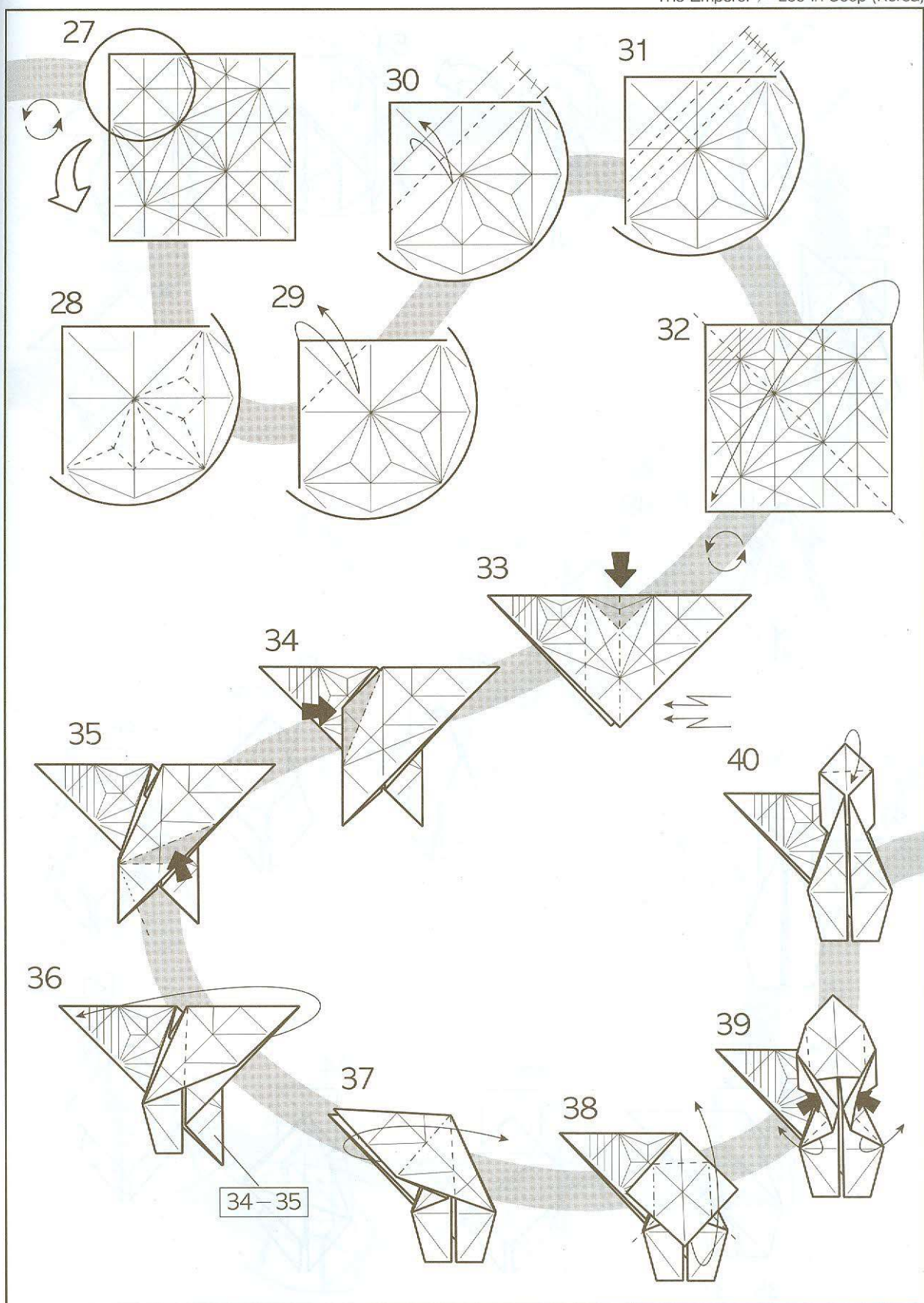
Date : 2011/6/18

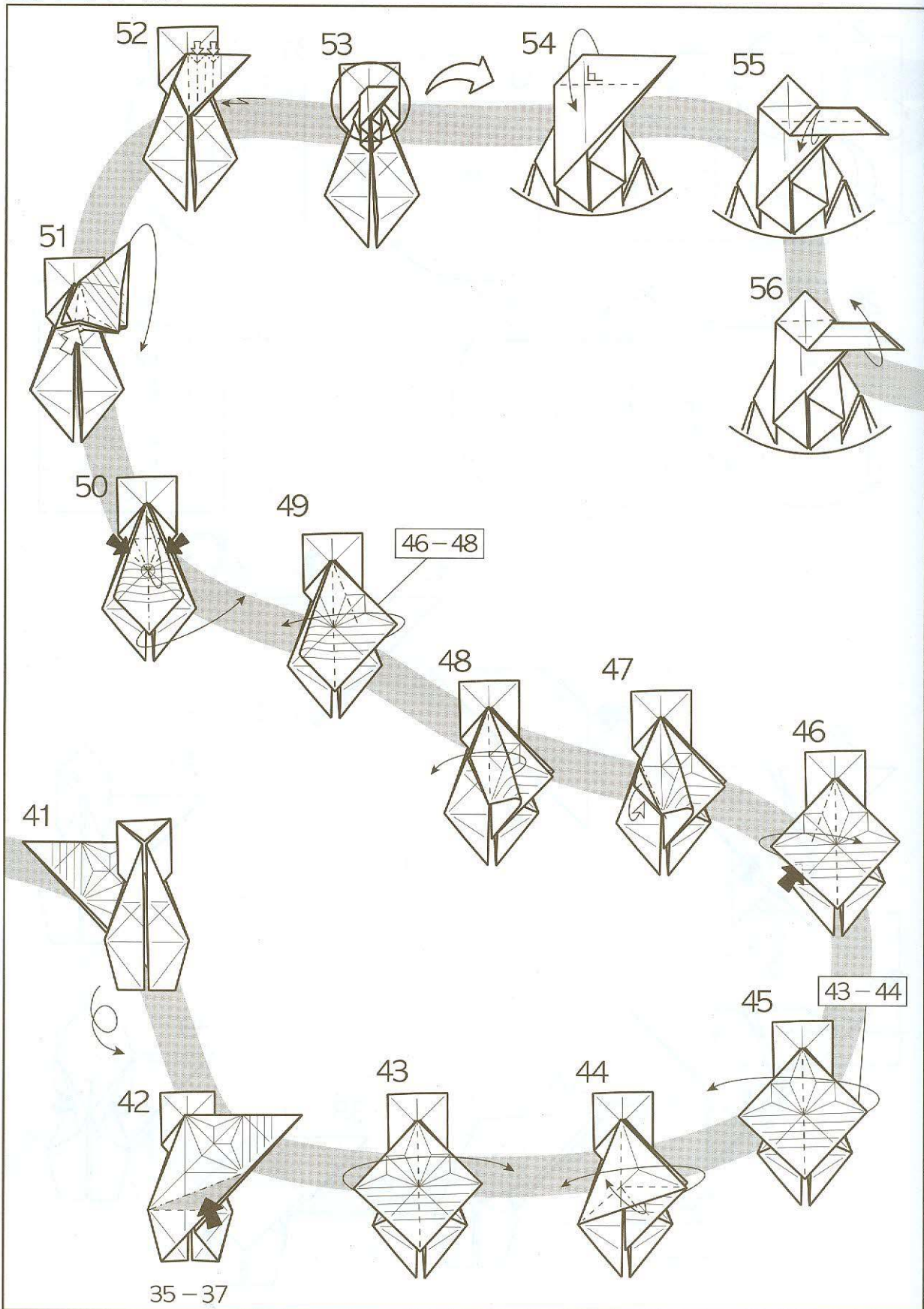
다이어그램 : 김세익

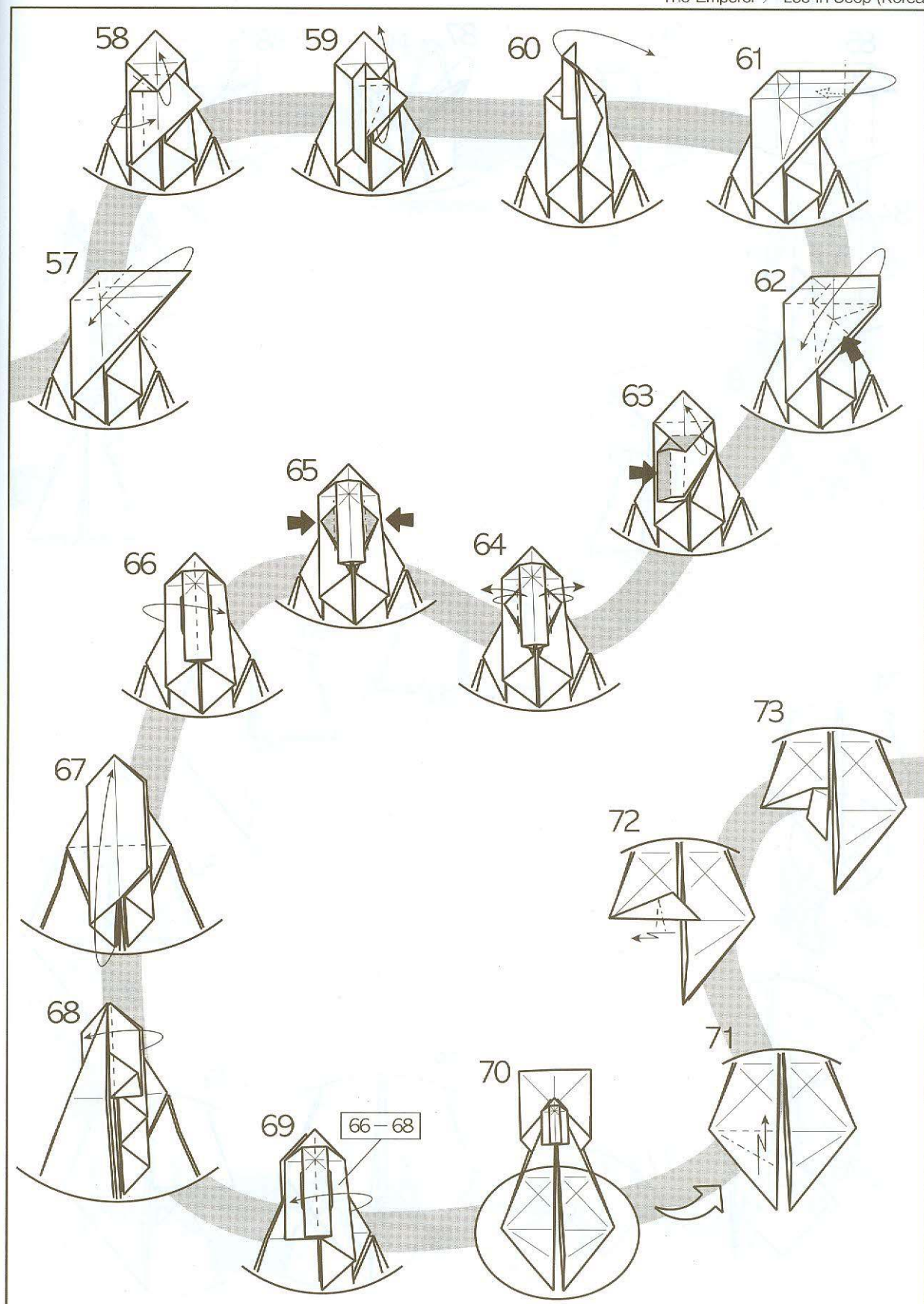
Diagrams : Se-ik KIM

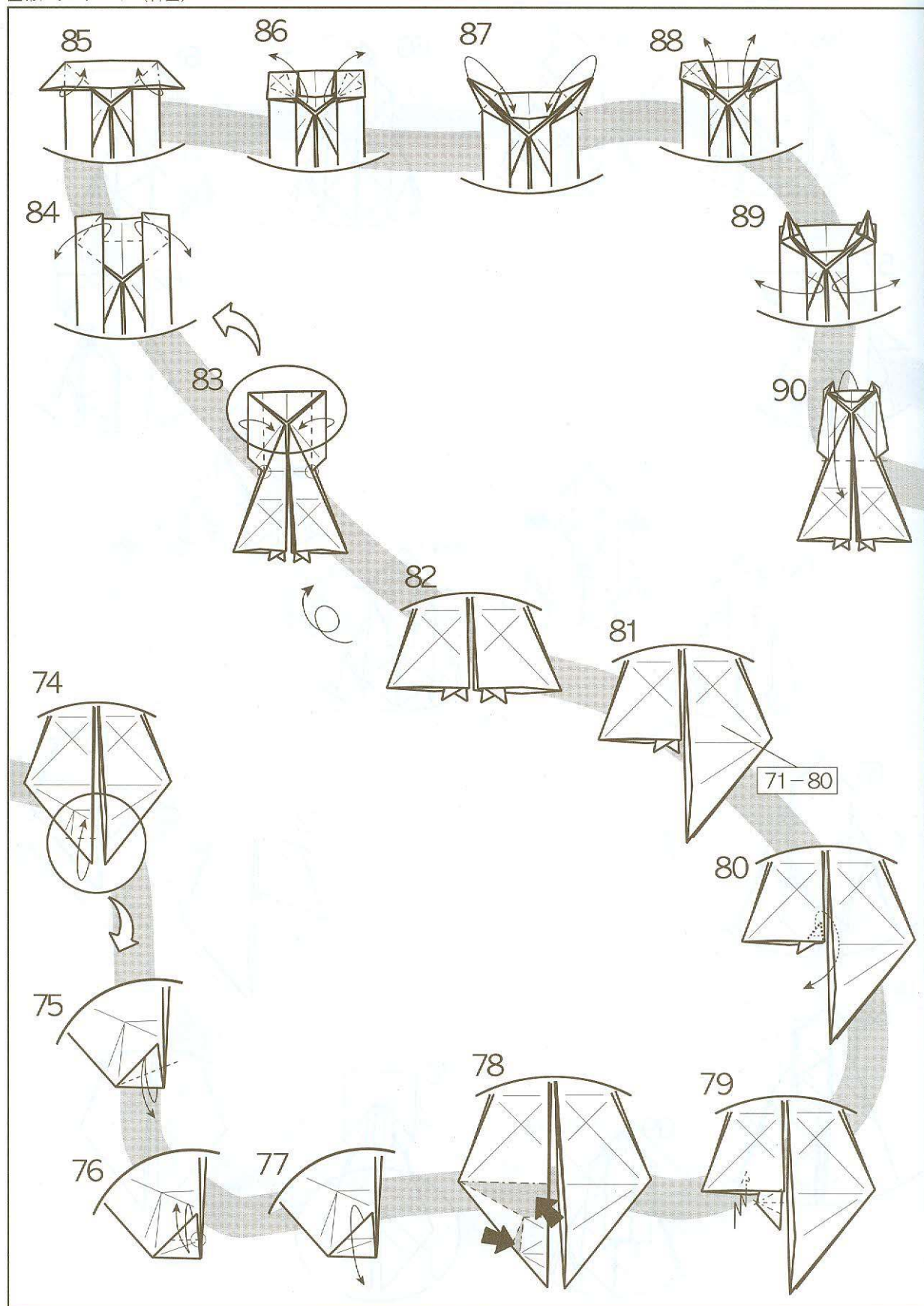


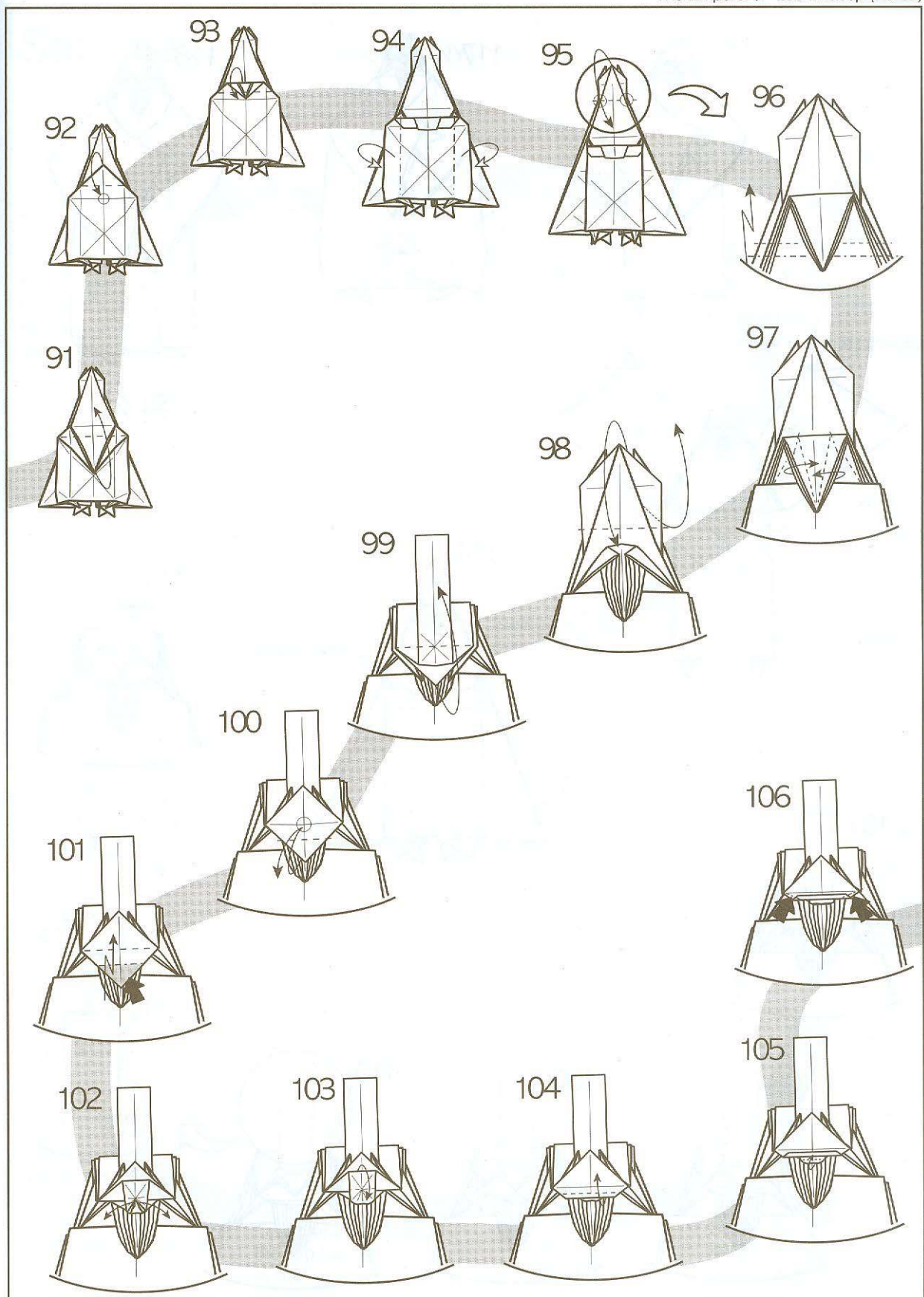


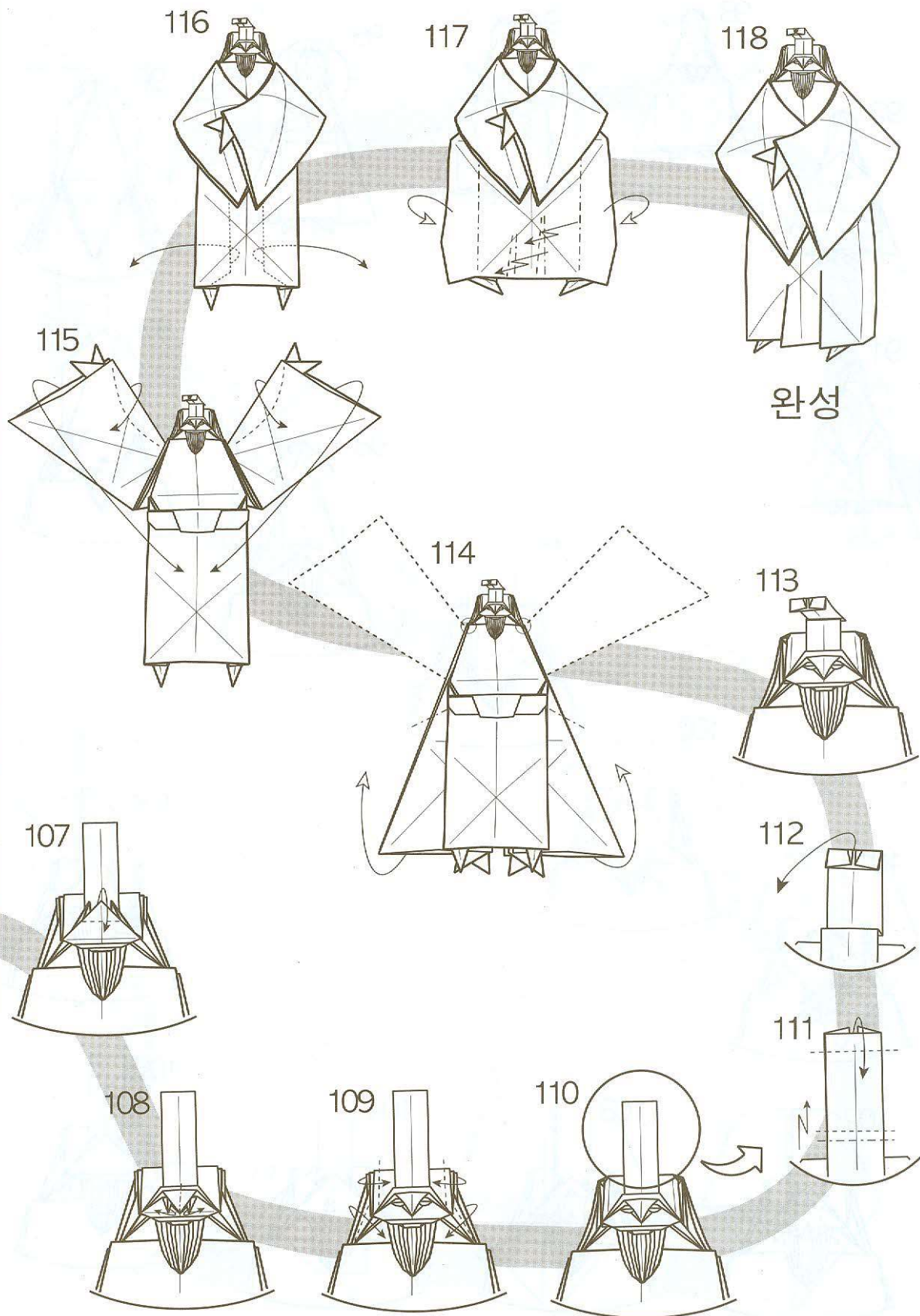




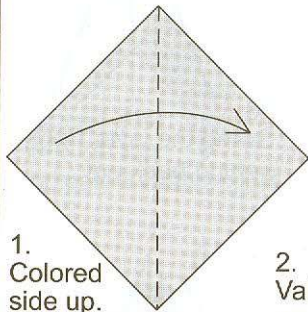




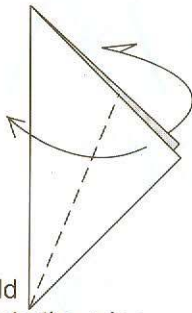




Satellite by Marc Kirschenbaum (NY) ©2011



1. Colored side up. Valley fold in half.



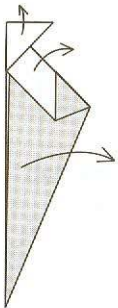
2. Valley fold the sides to the edge.



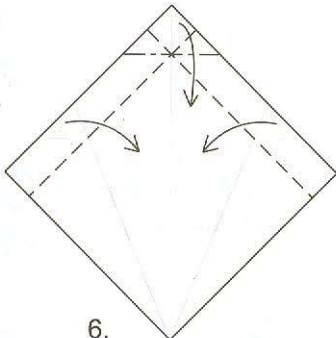
3. Mountain fold to the colored corner behind.



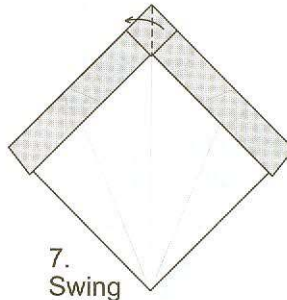
4. Valley fold along the angle bisector.



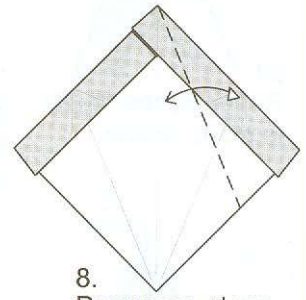
5. Unfold the pleat.



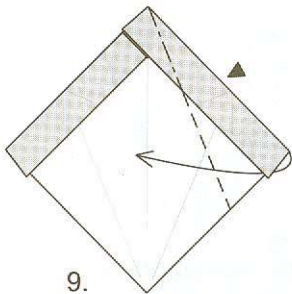
6. Collapse down.



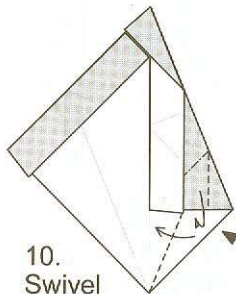
7. Swing over one flap.



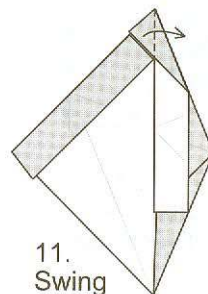
8. Precrease along the angle bisector.



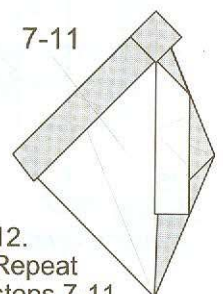
9. Reverse fold.



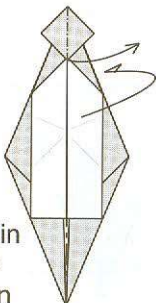
10. Swivel the edge in.



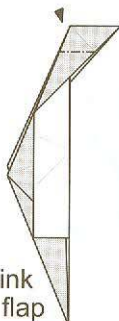
11. Swing the flap back over.



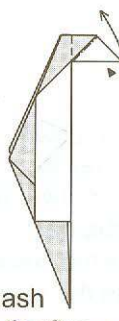
7-11 Repeat steps 7-11 in mirror image.



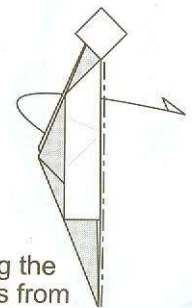
13. Mountain fold the model in half while pulling out the top corner.



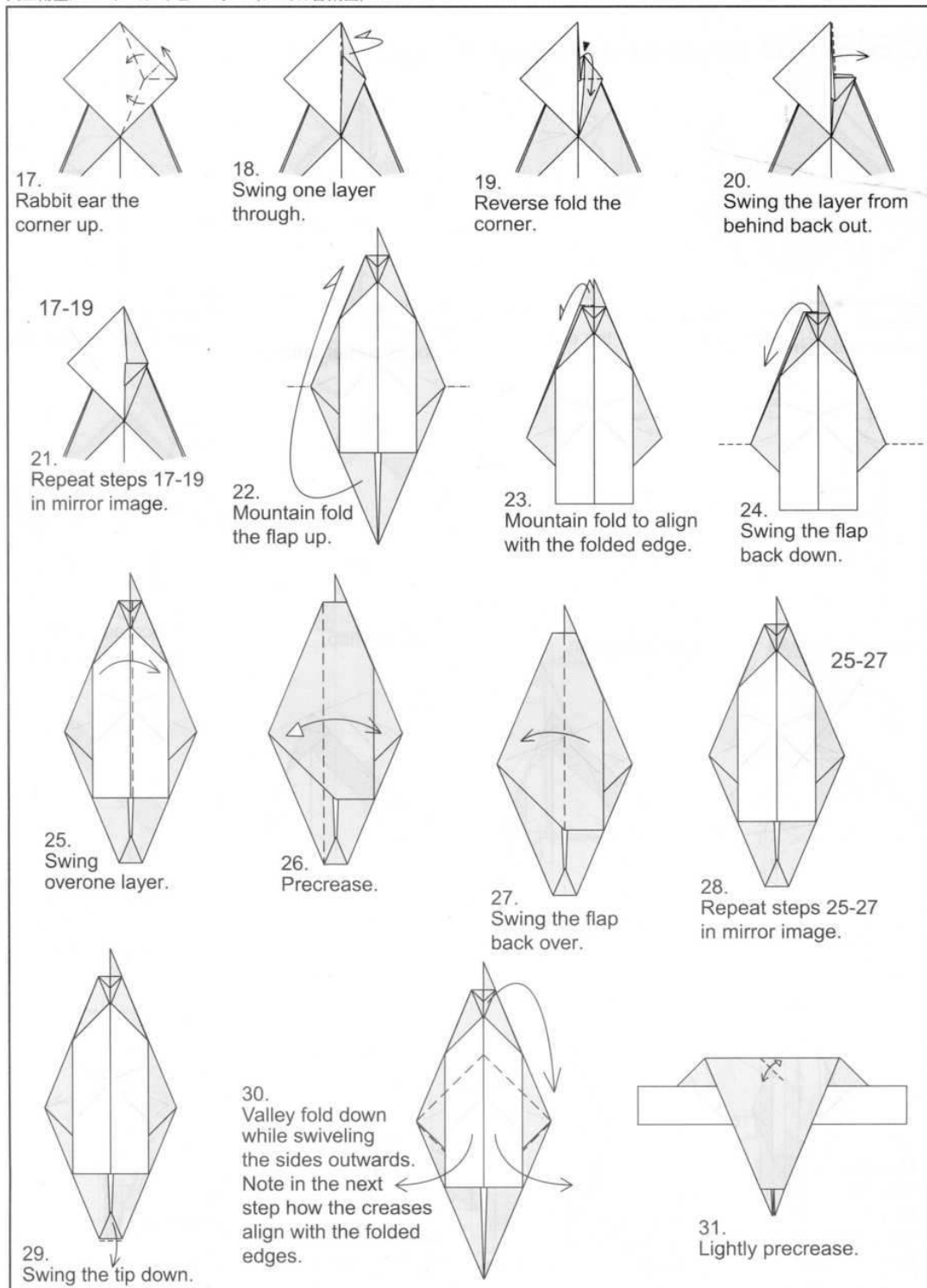
14. Open sink the top flap in half (precrease first).

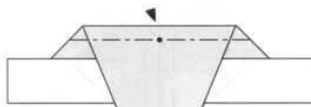


15. Squash fold the flap up.



16. Swing the layers from behind back over.

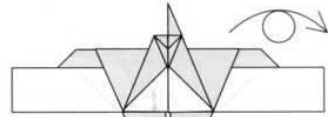




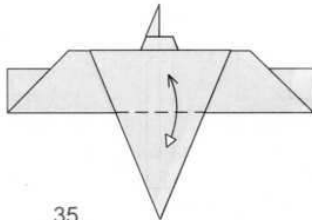
32.
Closed sink
through the
indicated intersection.



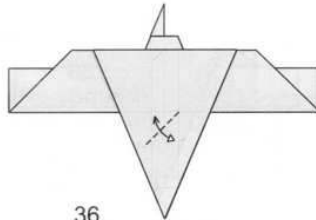
33.
Lightly valley fold up.



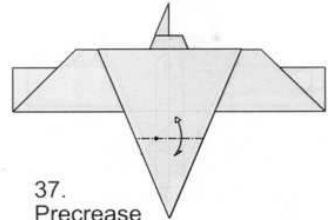
34.
Turn over.



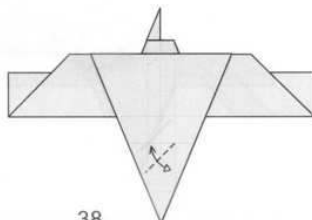
35.
Lightly precrease.



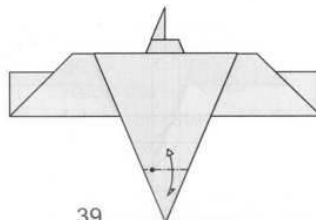
36.
Lightly precrease.



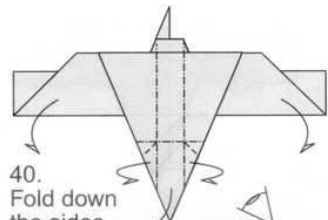
37.
Precrease
with a mountain fold.



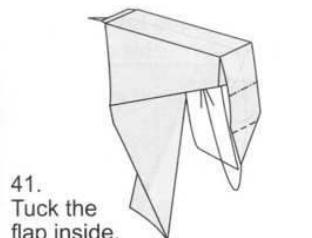
38.
Lightly precrease.



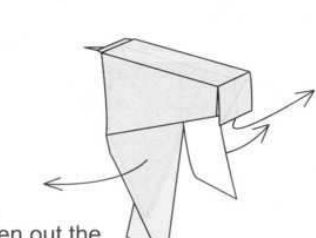
39.
Precrease with
a mountain fold.



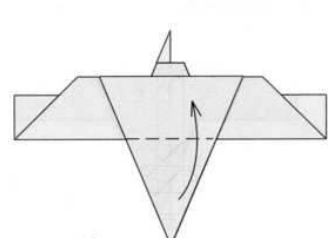
40.
Fold down
the sides
(do not crease sharply) and
collapse the front down.



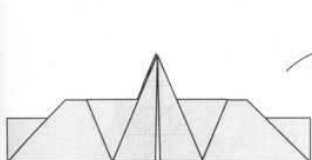
41.
Tuck the
flap inside.
The tip will lie flush with
the top of the model.



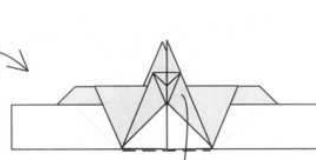
42.
Open out the
last two steps.



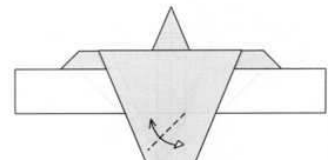
43.
Lightly valley fold up.



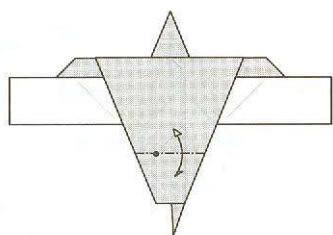
44. Turn over.



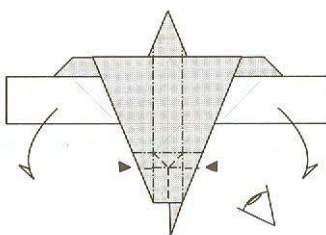
45.
Swing the flap back down.



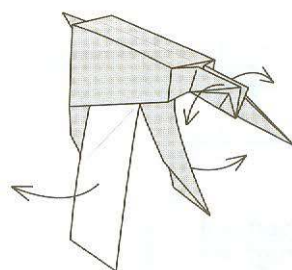
46.
Lightly precrease.



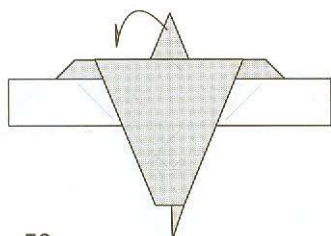
47. Precrease with a mountain fold.



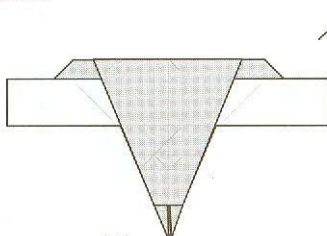
48. Swing down the sides while rabbit earing the front.



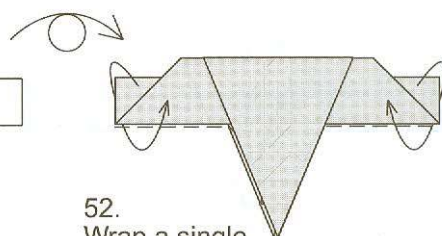
49. Undo the previous step.



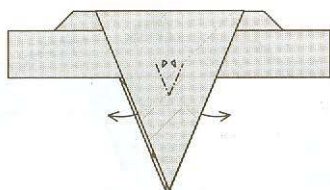
50. Swing the back flap down.



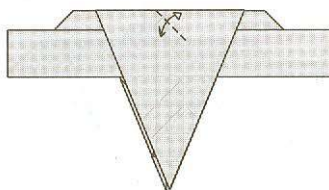
51. Turn over.



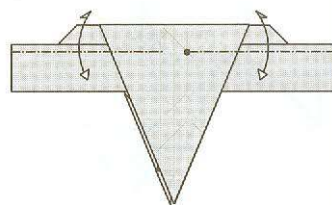
52. Wrap a single layer around from each side.



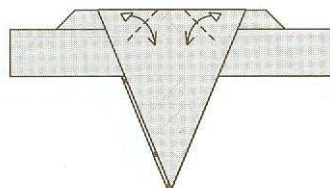
53. Reverse fold the hidden corners. Note the alignment to the surface creases.



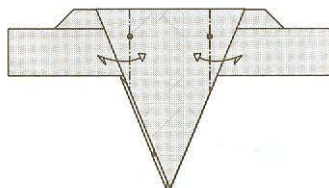
54. Lightly precrease.



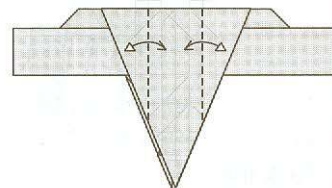
55. Precrease with mountain folds, using the indicated intersection as a guide.



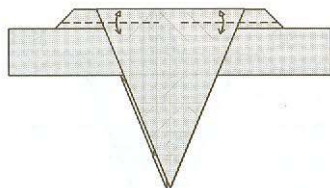
56. Precrease.



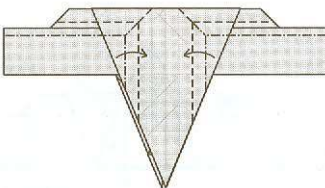
57. Precrease with mountain folds.



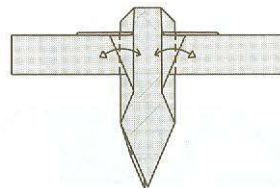
58. Precrease.



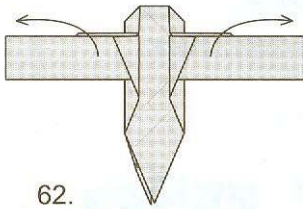
59. Precrease the sides towards the horizontal crease.



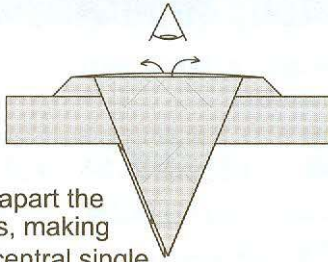
60. Collapse the sides inwards.



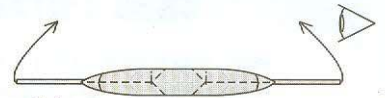
61. Precrease through all layers.



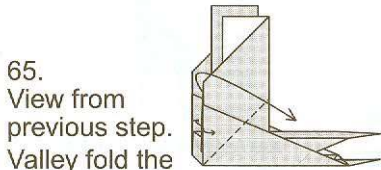
62.
Unfold to step 60.



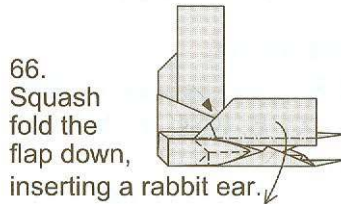
63.
Pull apart the
sides, making
the central single
layer as flat as possible.



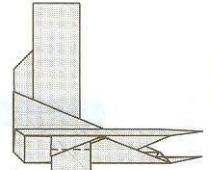
64.
View from previous step.
Rabbit ear the sides up,
allowing the central section
to become boxlike.



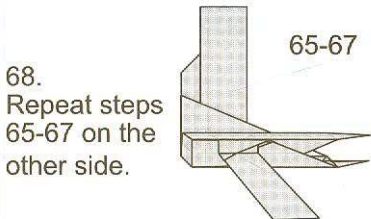
65.
View from
previous step.
Valley fold the
flap down, allowing the side edge
to spread apart (mostly) flat.



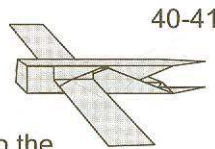
66.
Squash
fold the
flap down,
inserting a rabbit ear.



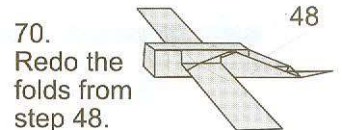
67.
Valley fold
the flap up
at a right angle.



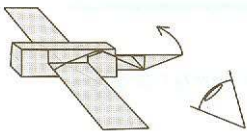
68.
Repeat steps
65-67 on the
other side.



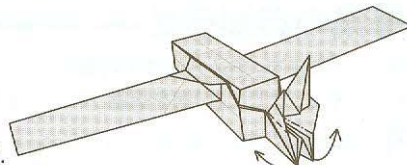
69.
Redo the
folds from steps
40-41.



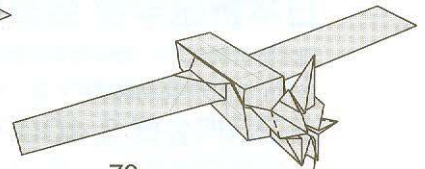
70.
Redo the
folds from
step 48.



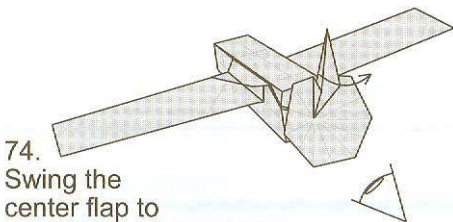
71.
Pull out a set of pleats
from each side.



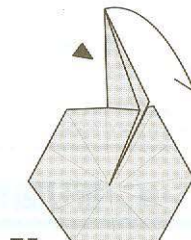
72.
Pull out the trapped sides at right
angles. A hidden valley fold will
be formed at each side.



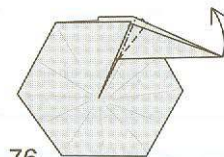
73.
Spread out the pleats.



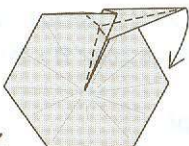
74.
Swing the
center flap to
one side.



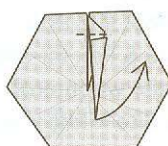
75.
Reverse fold.



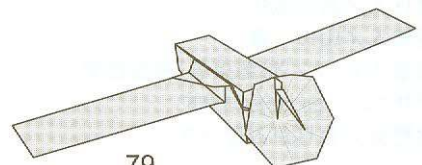
76.
Pleat the flap up.



77.
Rabbit ear down.



78.
Point the flap outwards.



79.
Completed Satellite
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5. 性別
6. 生年月日
7. 職業

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