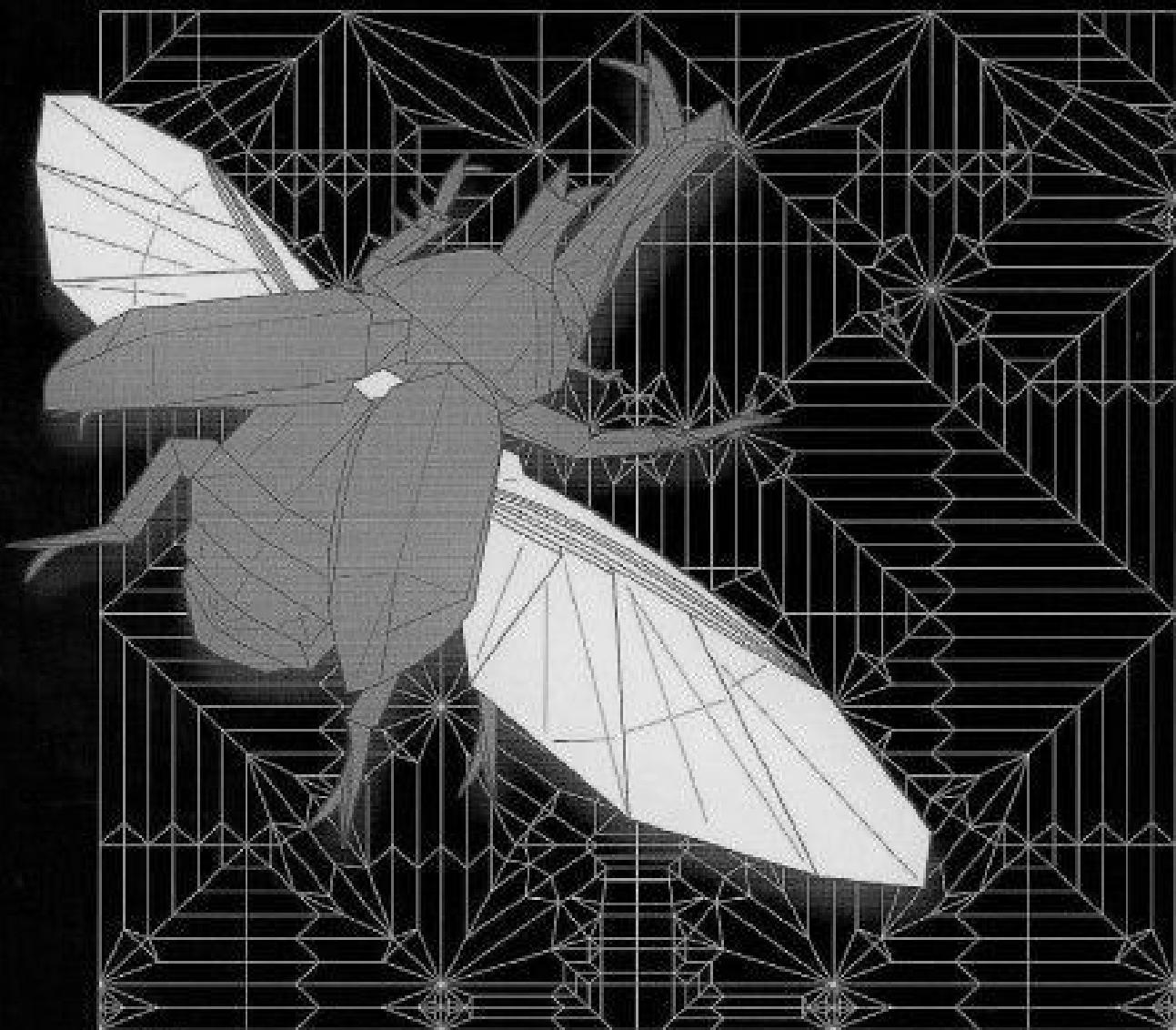


The 21st ORIGAMI TANTEIDAN CONVENTION

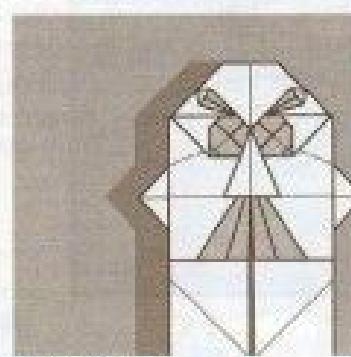
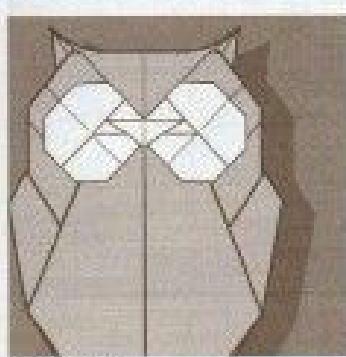
第21回
折紙探偵団
コンベンション



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折り図集
Vol.21

発行・日本折紙学会

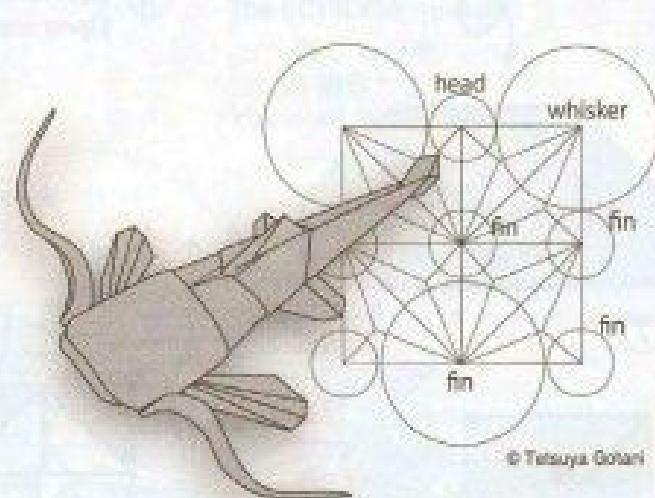
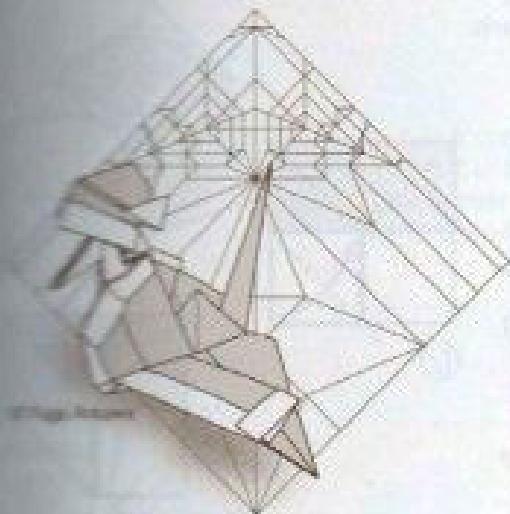


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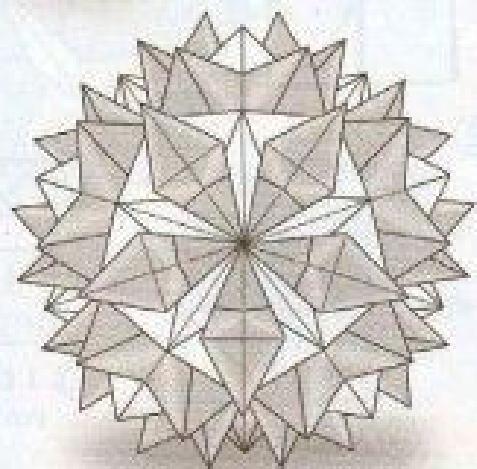
© Tatsushi Miyaji

第21回折紙探偵団コンベンション折り図集 The 21st Origami Tanteidan Convention Book

国内編／Models by Japanese Folders



© Tatsuya Gohari



© Miyuki Kawamura

The 21st Origami Tanteidan Convention Book

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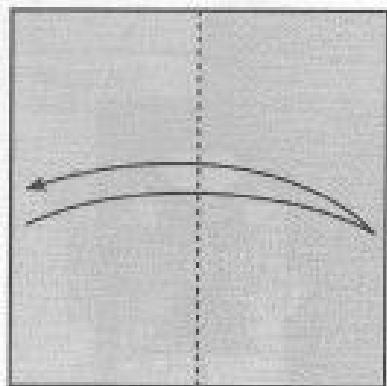
エキドナ

ECHIDNA

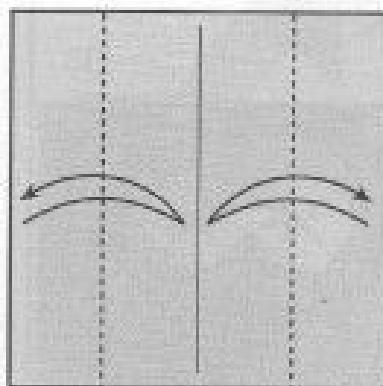
©2015 川村みゆき (KAWAMURA Miyuki)
創作日 (Designed) 2013/07/21

5センチ四方くらいの、少し硬めの紙を使いまいやすいです。

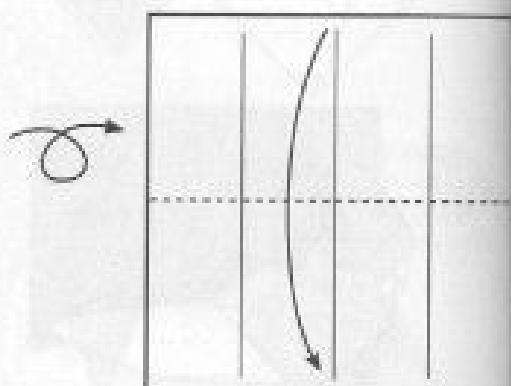
Please don't use soft paper. Hard and small about 5cm paper is better for this model.



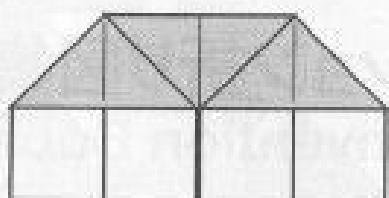
①



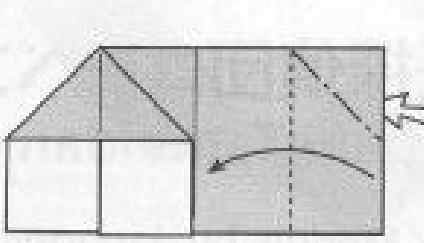
②



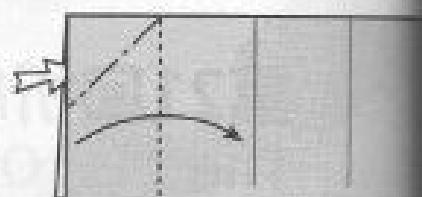
③



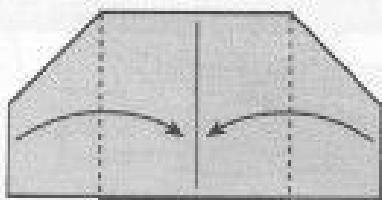
⑥



⑤ 開いてつぶす。
Open and squash.



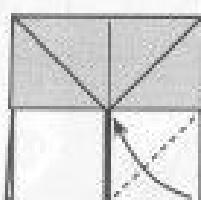
④ 開いてつぶす。
Open and squash.



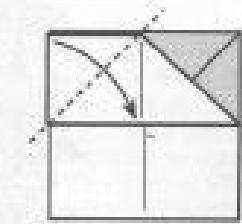
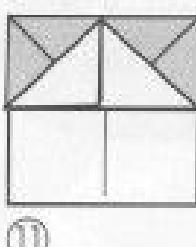
⑦



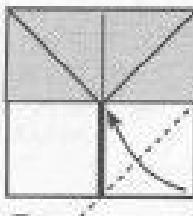
⑫



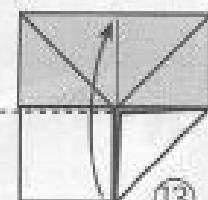
⑧ 1枚だけ折る
Fold only one flap.



⑩ 1枚だけ折る
Fold only one flap.



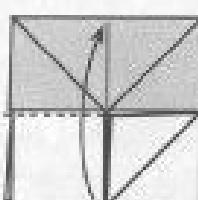
⑬



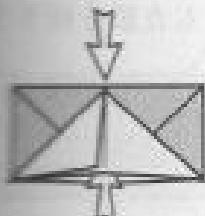
⑭ 1枚だけ折る
Fold only one flap.



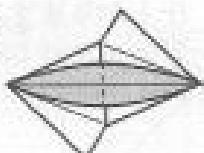
⑯ 1枚だけ折る
Fold only one flap.



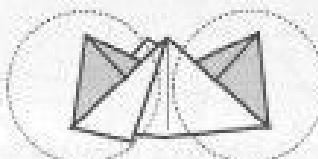
⑮ 開く
Open



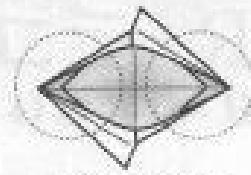
中心部分を平らにしてから、
中心を切断している谷折り線
まで押し込む。
Make the center area flat. And
press the center valley line and
the valley line.



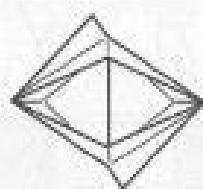
途中の図。
上から見たところ。
An intermediate
figure. Top view.



横から見た図
Side view.



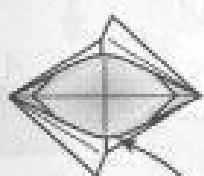
上から見た図
Top view



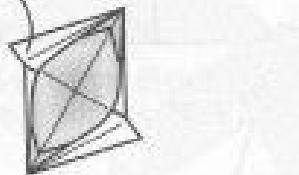
下から見た図
Bottom view

- ⑯ トゲの1つ1つが
正四面体の形状
になる所で押し込むのを止める。
Make two regular
tetrahedron shapes.

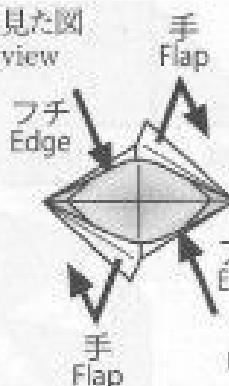
組み方 /Assembly



① 端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
Be hung a flap on an
edge and tuck it into
the inside of edge.



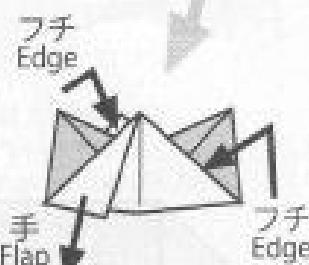
上から見た図
Top view



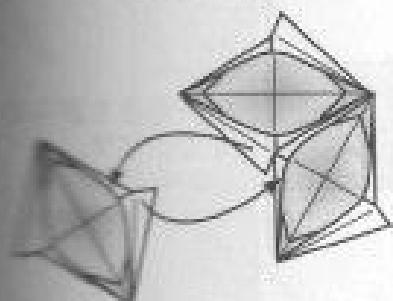
「エキドナ」の
ユニット

The ECHIDNA module

同じものを
30個作ります
You need 30 modules.

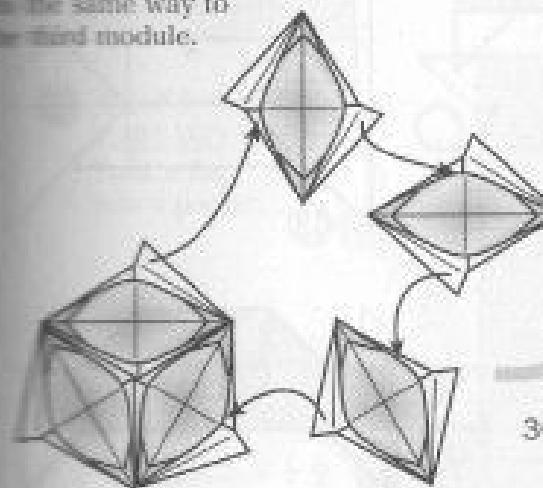


横から見た図
Side view.

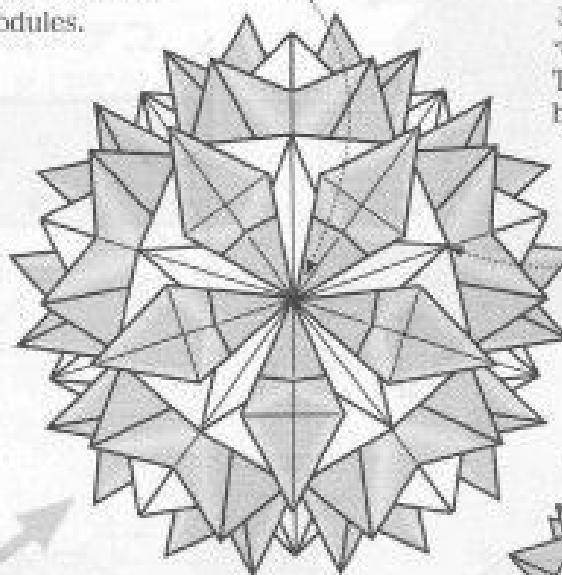


ここは5つのユニット
でできています。
This corner is formed
by five modules.

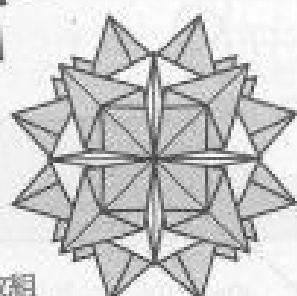
② 次のユニットを
同じに組む
The same way to
assemble module.



30枚組
30 modules



エキドナ
ECHIDNA



12枚組
12 modules

③ 箱のユニットも同様に組んでいく。
Tuck the other modules the same way.

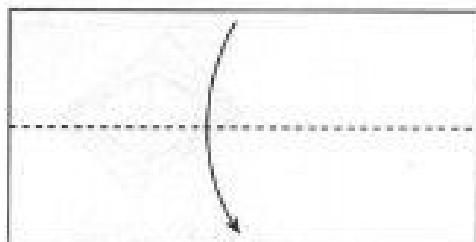
R-デコ

R - D E C O

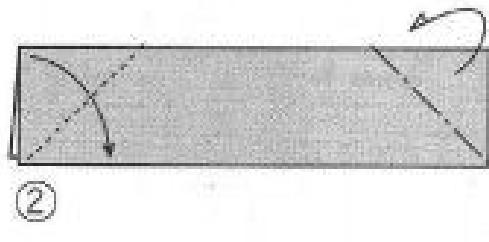
©2015 川村みゆき (KAWAMURA Miyuki)
製作日 (Designed) 2015/15/01

少し厚めの、シャキッとした紙を使うとキレイに仕上ります。

Thick and hard paper is better for assembly of this model.



- ① 1:2 の長方形用紙を使います
1 by 2 rectangle



②

↑

↓

↑

↓

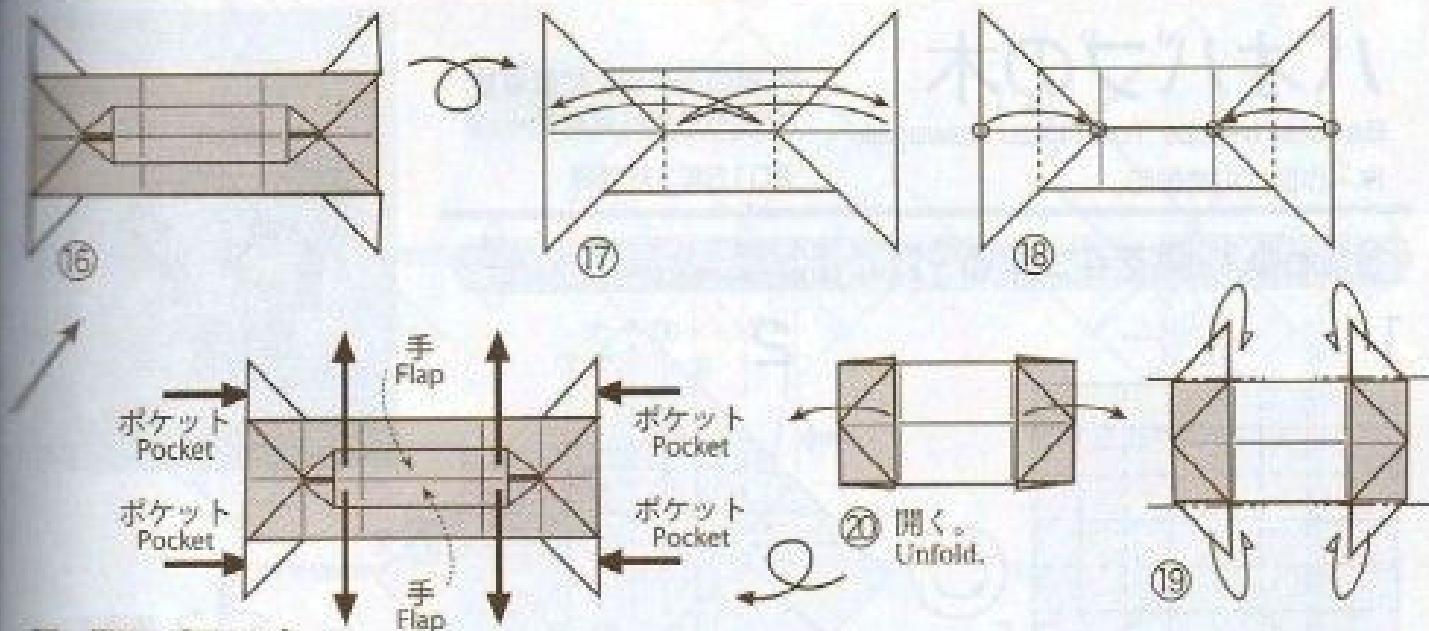
↑

↓

↑

↓

<div data-bbox="660 4529 70



'R-デコ' のユニット

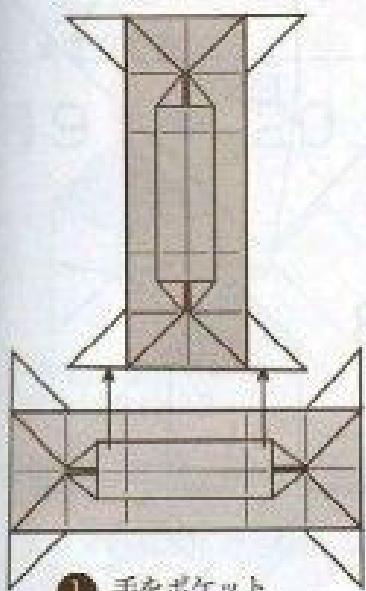
The R-DECO module

同じものを6個作ります

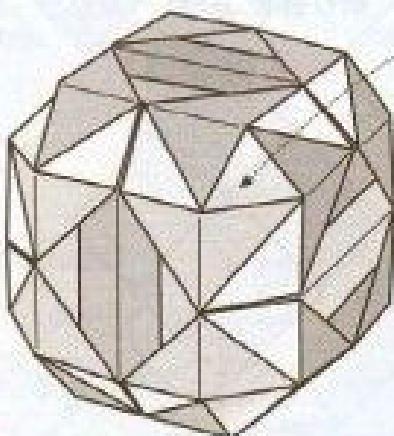
You need 6 modules.

ここは3角形の穴になっています。
Here is a triangle hole.

組み方 / Assembly

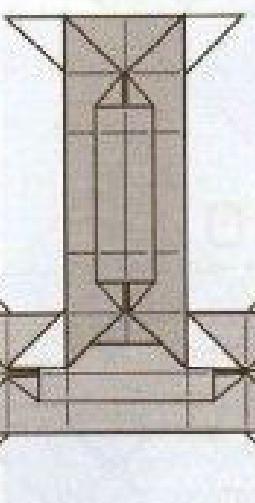


- ① 手をポケットに差し込む
Tuck a flap into a pocket.

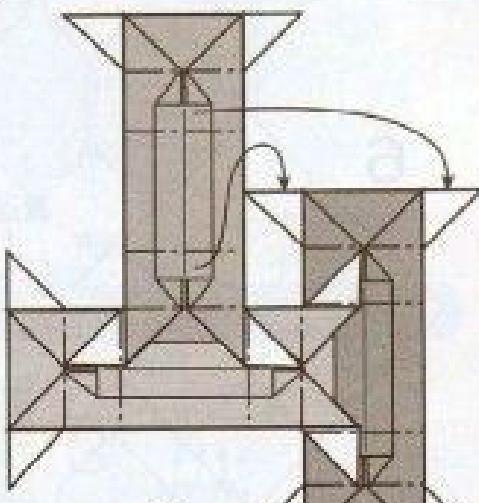


R-デコ
R-DECO

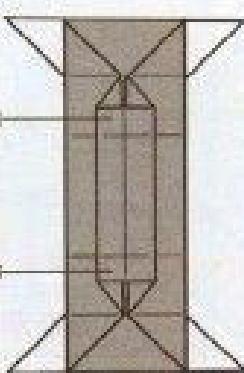
6枚組
6 modules



- ② 3つめのユニットを同様に組む
Do the same way to the third module.



- ③ 山折り線を折って立体にし、手をポケットに差し込む。
他のユニットも同様に組む。
Fold the mountain lines, make the model into 3D and tuck the flap into the pocket. Insert the other modules the same way.



バオバブの木

Baobab tree by Toshikazu Kawasaki

作・作図 川崎敏和

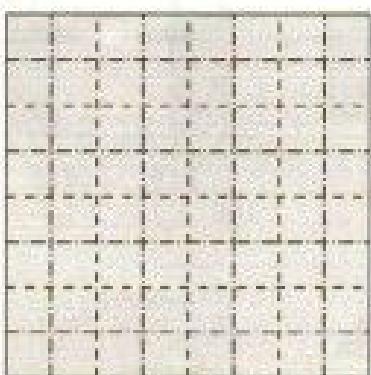
「星の王子様」に登場する巨木バオバブです。

2015年3月発見

Step◆1 葉を4つ作る

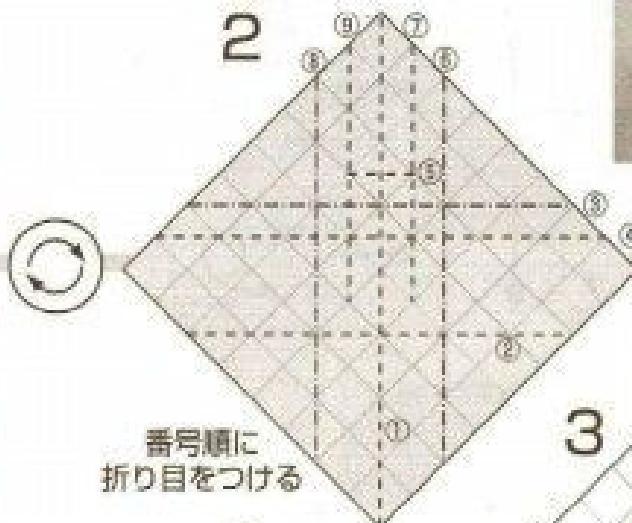
構造用紙 普通の色紙
本紙用紙 普通紙の半分リサイズ

1



じやばらに折り目をつける

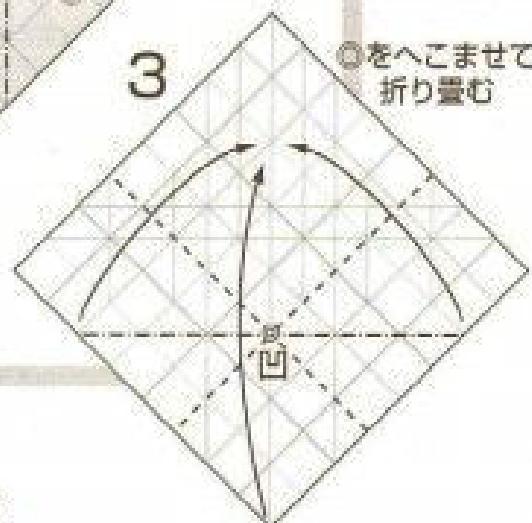
2



番号順に
折り目をつける

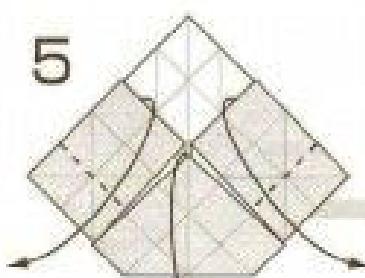
裏返す

3



○をへこませて
折り畳む

5

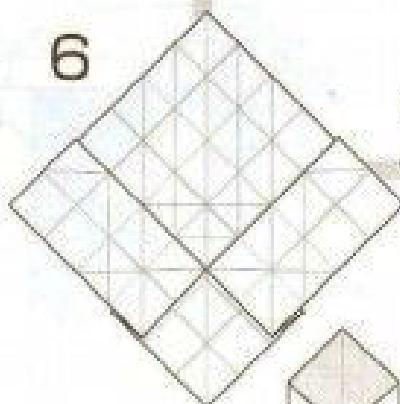


4



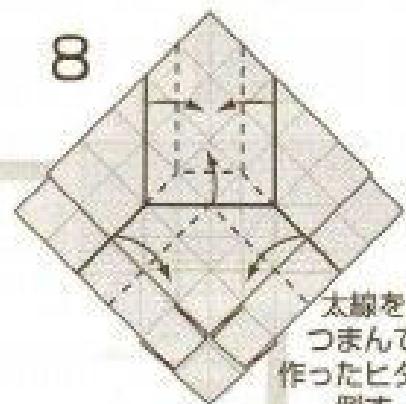
裏に折る

6



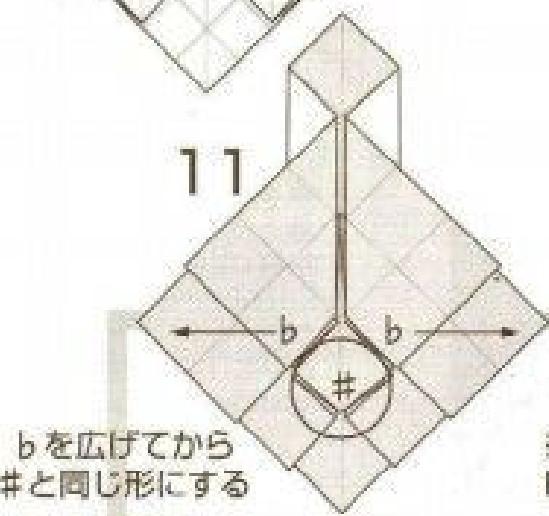
裏返す

8



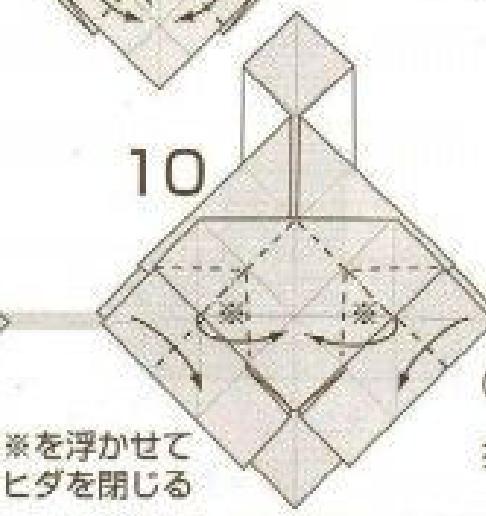
太線を
つまんで
作ったヒダを
倒す

11



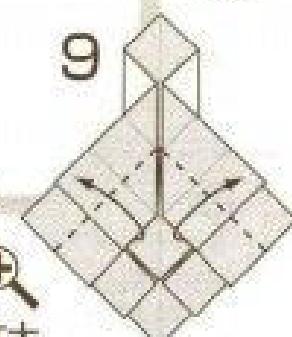
bを広げてから
#と同じ形にする

10



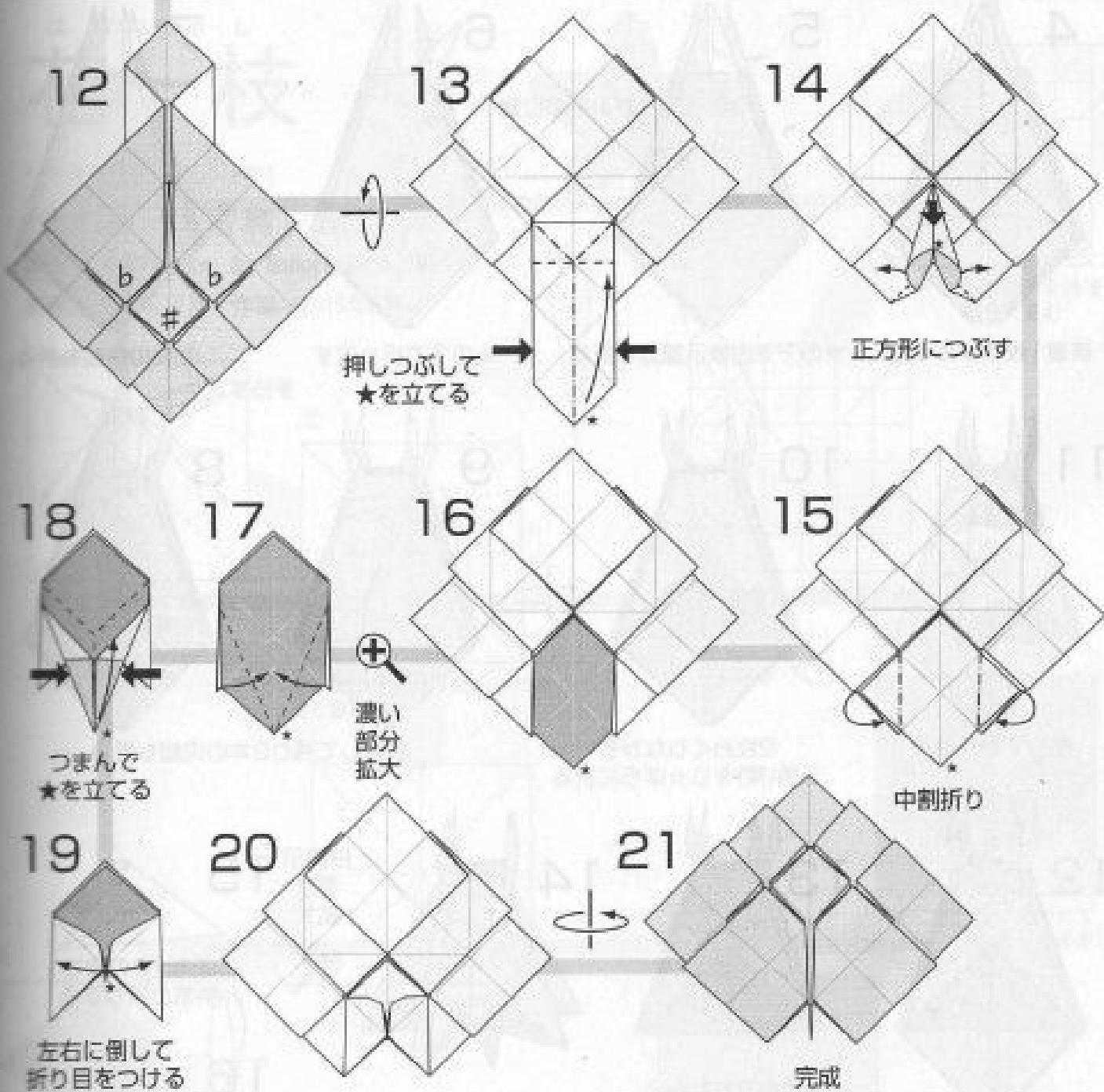
糸を浮かせて
ヒダを閉じる

9



拡大

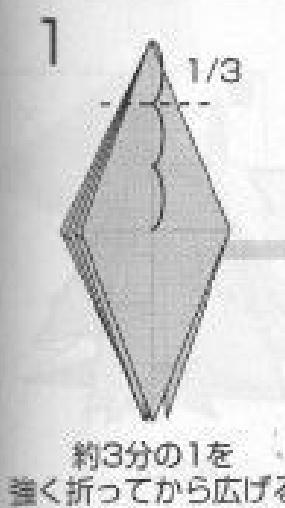




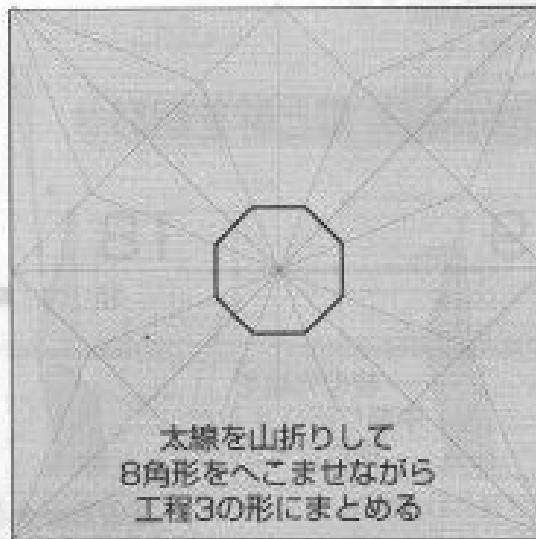
Step◆2 幹を作る

練習用紙 普通の色紙
本番用紙 素用紙の2倍サイズの色紙

アヤメの基本形から始める



2



3

拡大



表裏1枚ずつめくる



※の下で白表示部分を折る



※およその位置

※の下で折り返す



左奥の突起も折る



閉じてから開く



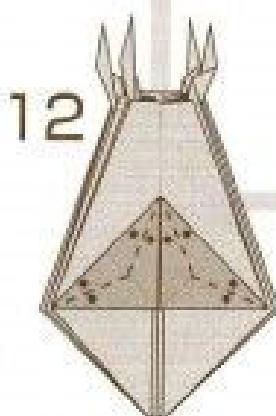
2枚めくりながら
三角(黄)をじばらに折る



すらす



裏返して残り2本の突起も折る



谷折り線をつける
谷折り3カ所も同様にする



2枚めくりながら
濃い部分を
工程10のように折る
残り3カ所も同様にする



白表示
部分
拡大



15



工程12の線で
中割り折りする

16



残り7カ所も同様に折る



Step◆3 葉と幹を組む

19



枝の先端を
中割り折りすると
抜けにくい

18



枝

葉の力ド★を
枝の先端に差し込む

17



枝

幹完成

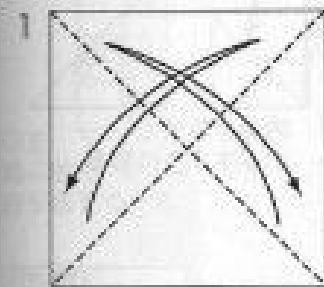
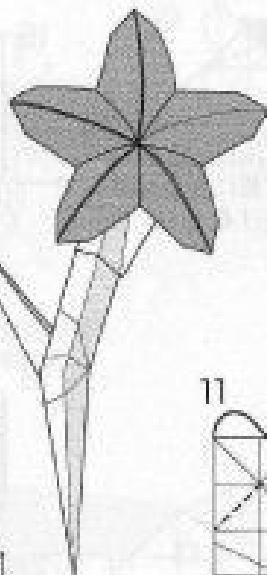
はないっし
花一枝

A Branch Of The Flower

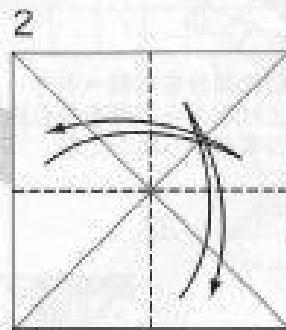
作／図 宮島 登

Models & Diagrams By Noboru MIYAJIMA

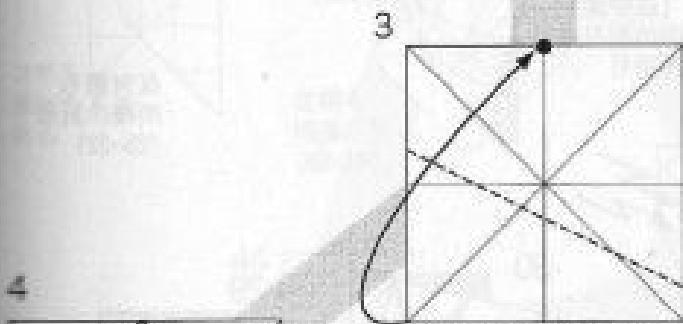
創作／2011年12月 作図／2015年5月



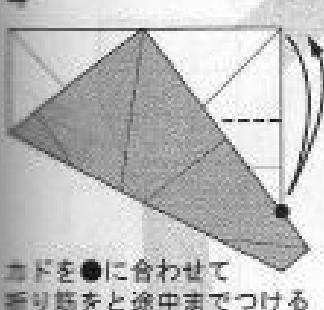
カドを合わせて折り筋をつける（2箇所）



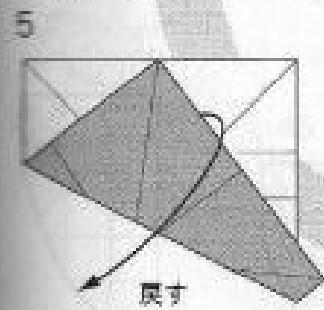
辺を合わせて折り筋をつける（2箇所）



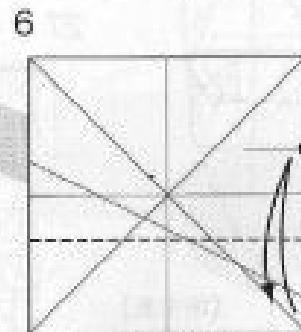
カドを●に合わせて折り上げる



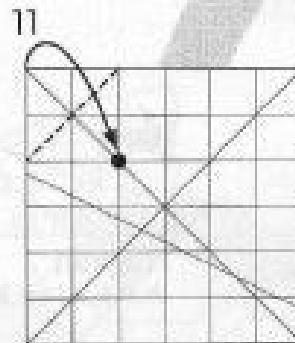
カドを●に合わせて折り筋をと途中までつける



戻す



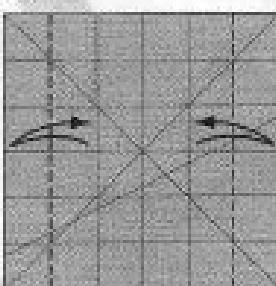
カドを●に合わせて折り筋をつける



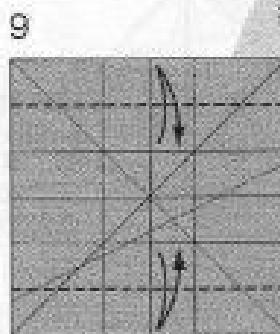
カドを●に合わせて折る

裏返す

10

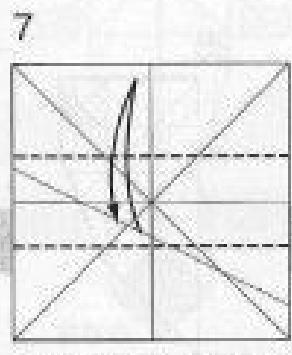


フチに折り筋に合わせて折り筋をつける（2箇所）

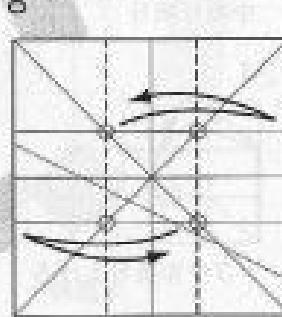


フチに折り筋に合わせて折り筋をつける（2箇所）

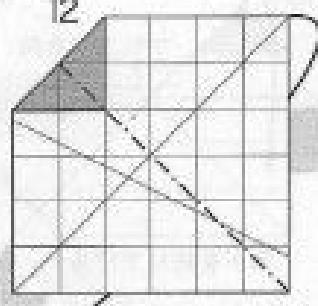
裏返す



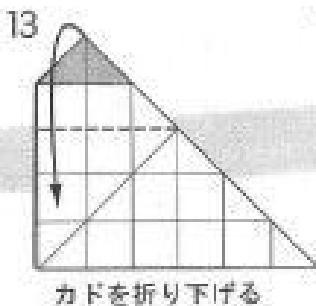
6でつけた折り筋に辺を合わせて折り筋をつける



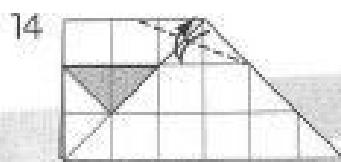
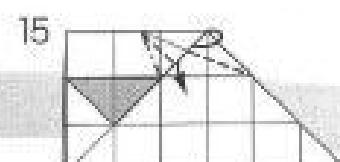
○を通る線で折り筋をつける



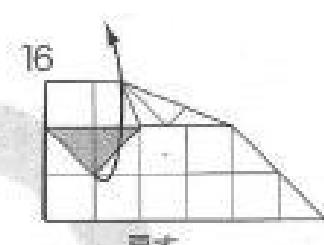
山折りで全体を半分に疊む



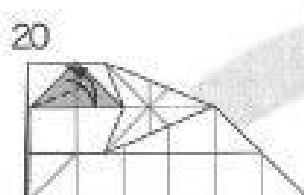
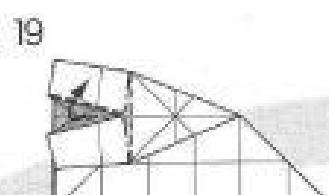
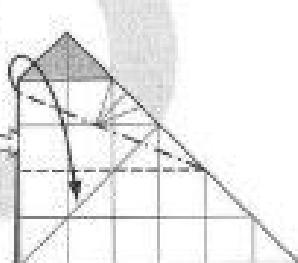
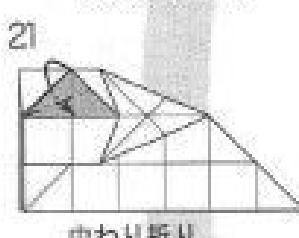
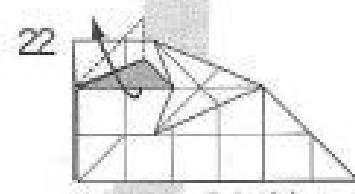
カドを折り下げる

フチを折り筋に合わせて
折り筋をつける

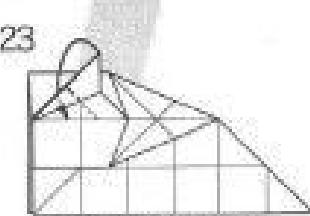
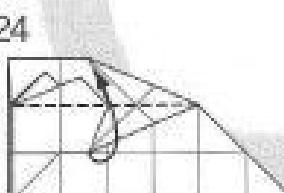
14の折り筋で中わり折り



戻す

フチを合わせて
折り筋をつける○の部分を右側へ引き
上げながら左側を中心線で
つまむようにたたむ内側を広げて
つぶすように折る【途中図】
カドを上にたおす

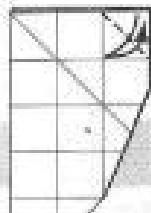
中わり折り

【途中図】
図の折り筋で
段折りついている折り筋で
中わり折り

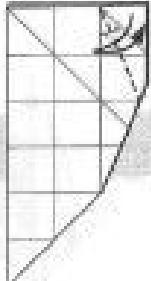
フチを折り上げる

90度
回転させる

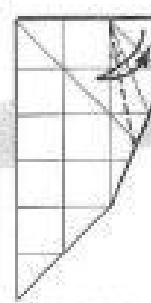
25

カドを折って
折り筋をつける

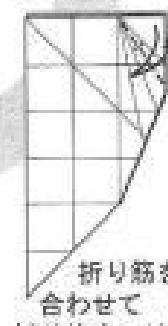
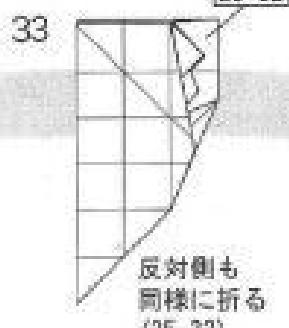
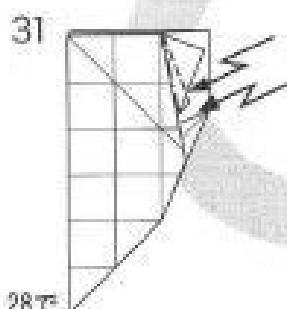
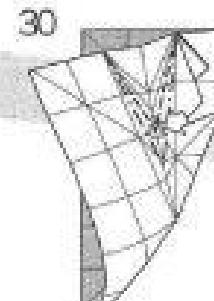
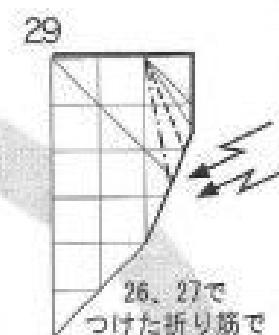
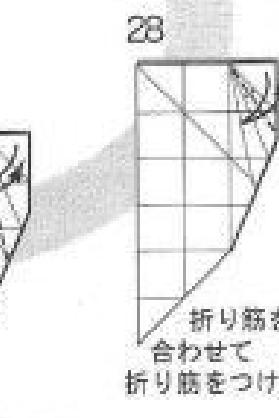
26

折り筋を合わせて
折り筋をつける

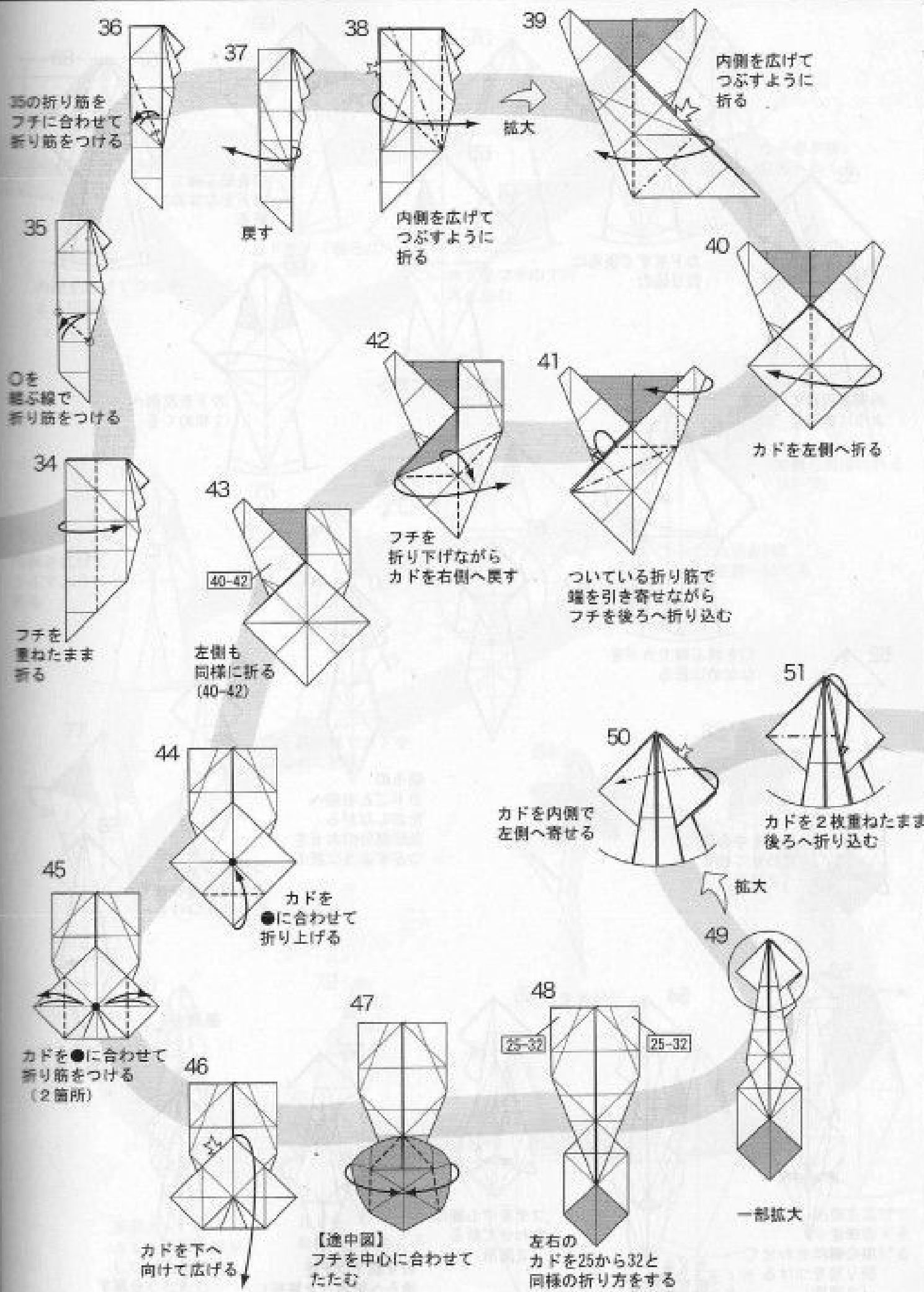
27

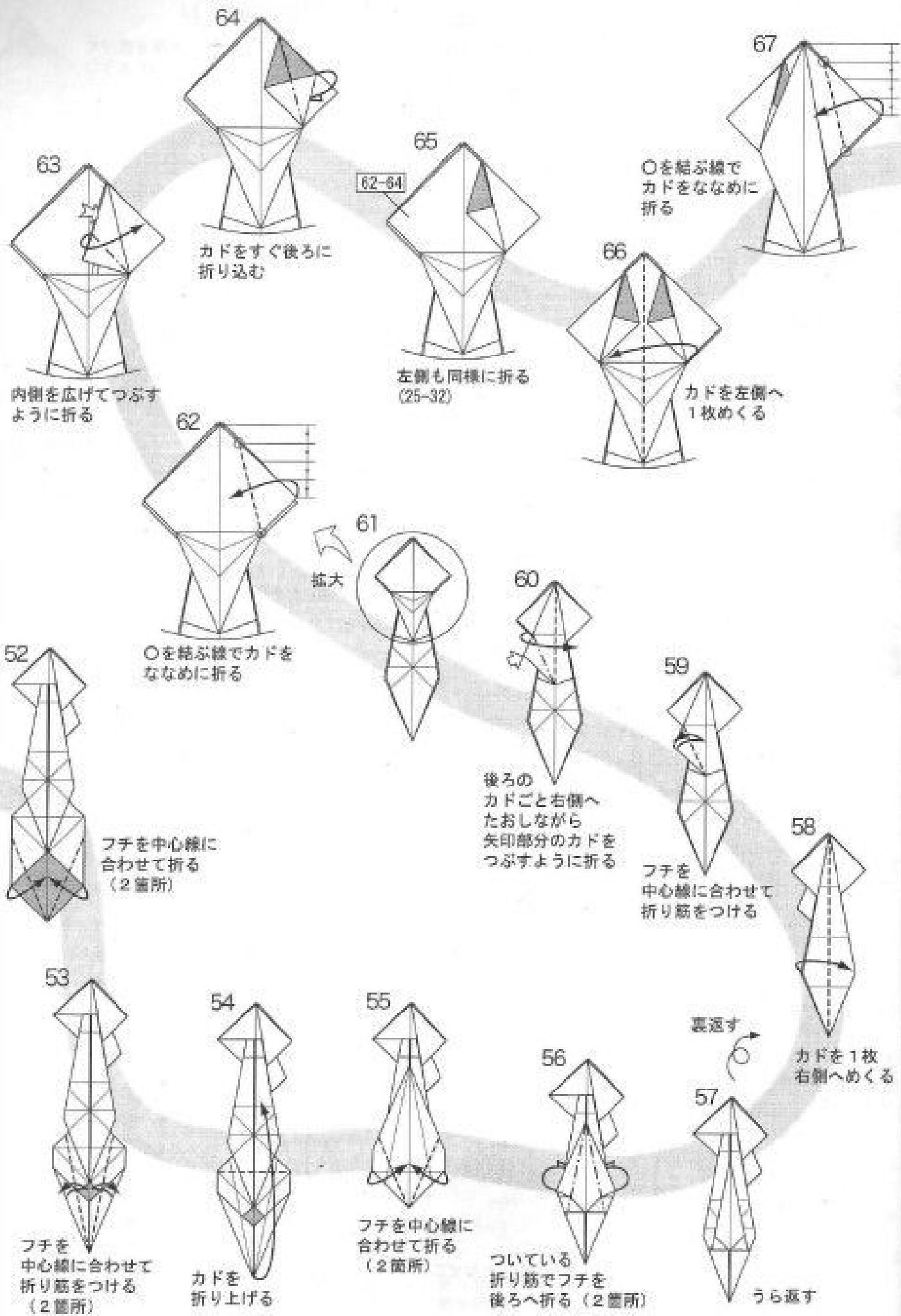
折り筋を合わせて
折り筋をつける

28

折り筋を
合わせて
折り筋をつける反対側も
同様に折る
(25-32)25、28で
つけた折り筋で
内側で段折り【途中図】
○の部分を押し込む
ように段折り26、27で
つけた折り筋で
内側で段折り

25-32







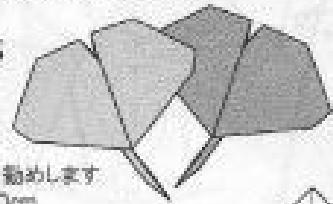
イチョウの葉

作/図：堀口直人

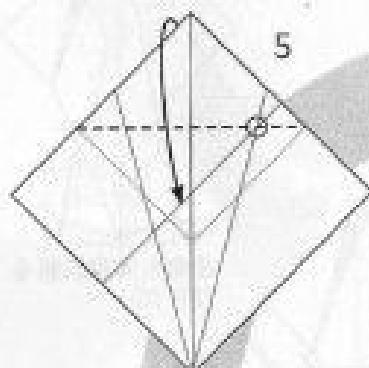
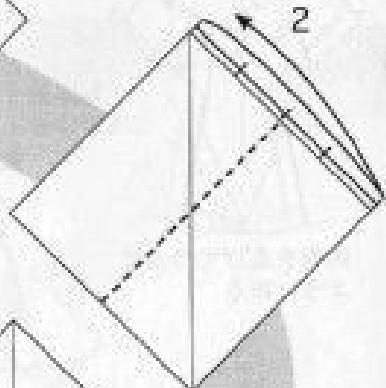
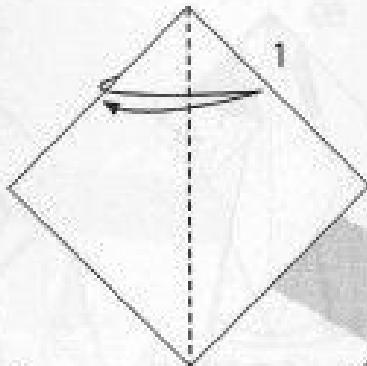
Ginkgo Leaf by HORIGUCHI Naoto

Model:2008/05

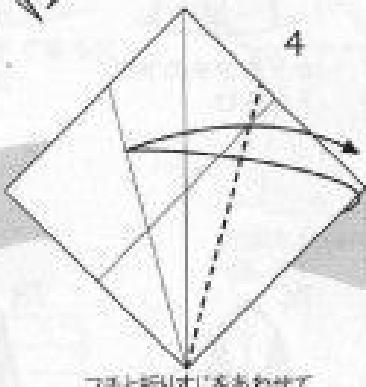
Diagrams:2015/06



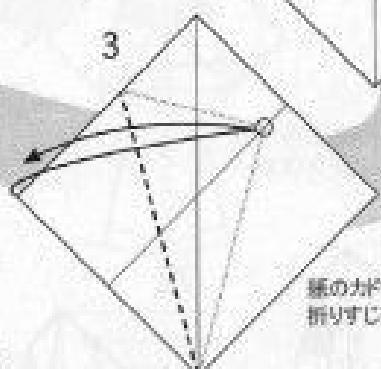
10cmくらいの紙で折るのをお勧めします
Recommended paper size:10cm



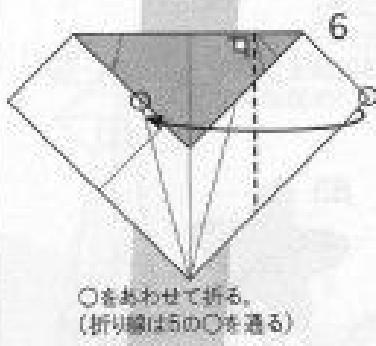
○の交点を通る線で、紙の力を中心線上に乗るように折り下げる



フチと折りすじをあわせて
折りすじをつける



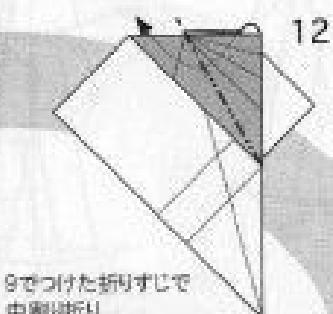
紙の力を○にあわせて
折りすじをつける



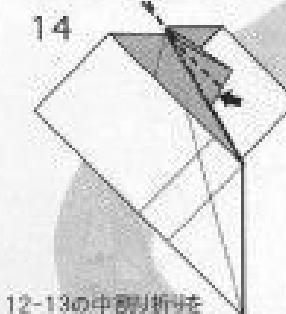
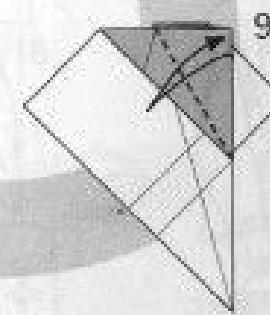
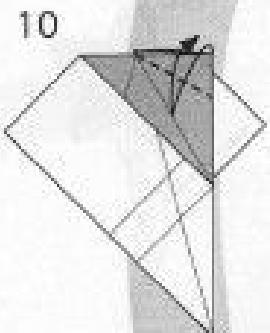
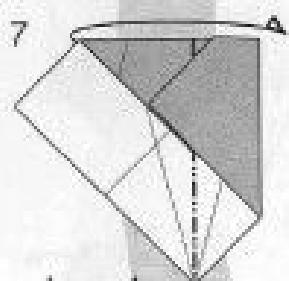
○をおわせて折る。
(折り線は5の○を通り)



さらに半分(4等分)



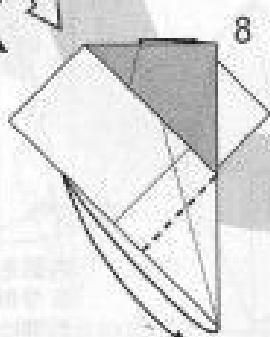
9でつけた折りすじで
中割り折り



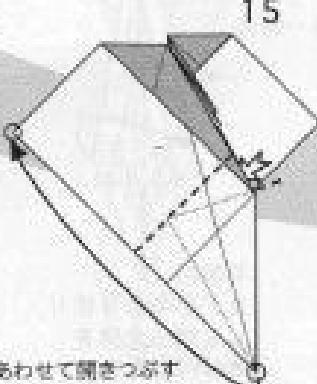
12-13の中割り折りを
もう一度CJかえす



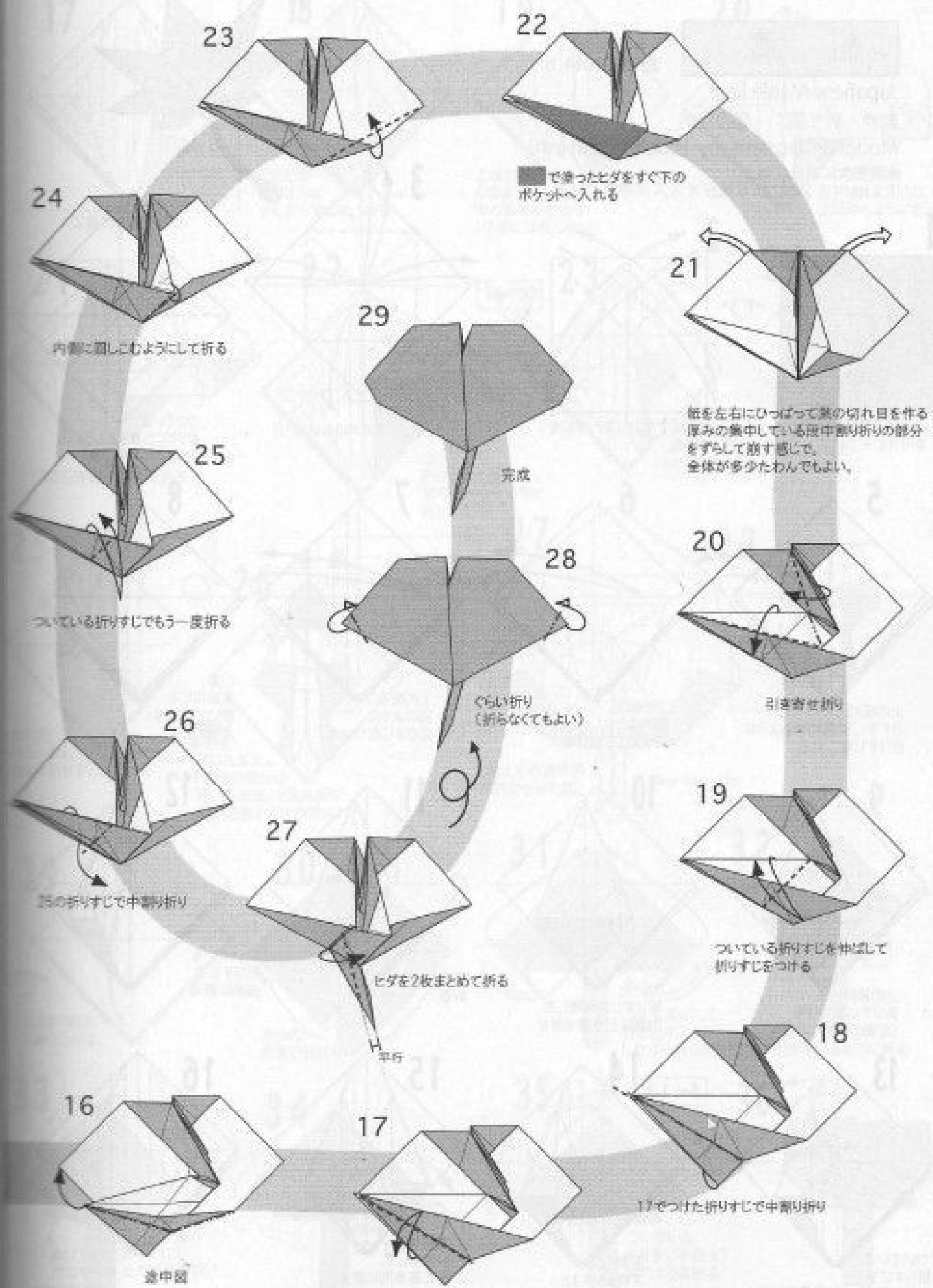
11でつけた折りすじのひとつで
中割り折り



後のフチにそって折りすじをつける



○をあわせて開きつぶす



紅葉

創作: 2014.8

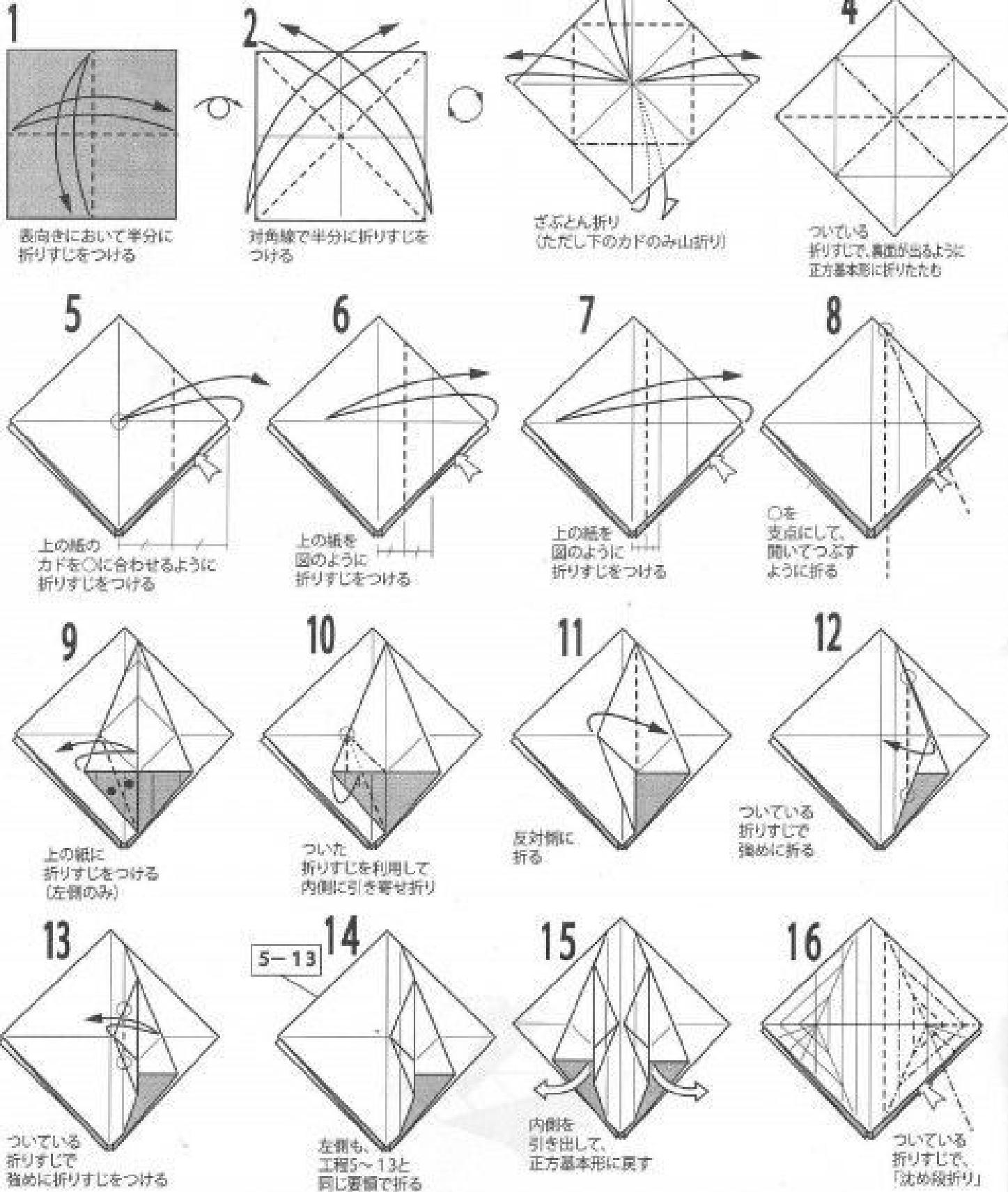
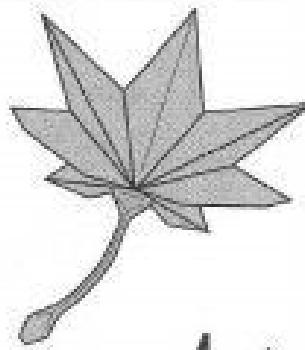
Japanese Maple Leaf

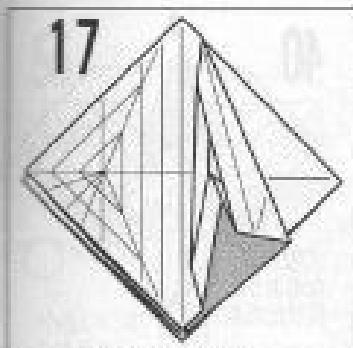
創作・折り図: 稲吉秀尚

Model & Diagrams by Hidehisa Inayoshi

★実物大に折るには、

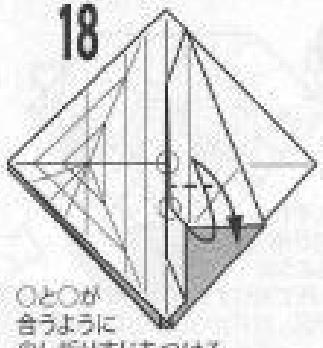
1.2 cm × 1.2 cmの折り紙がオススメです。





17

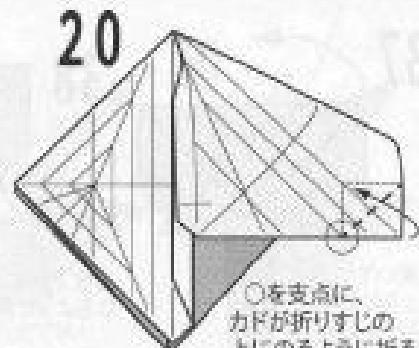
工程16の途中図



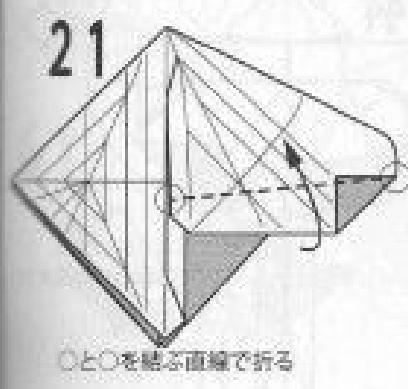
18

○と○が
合うように
少し折りすじをつける

19

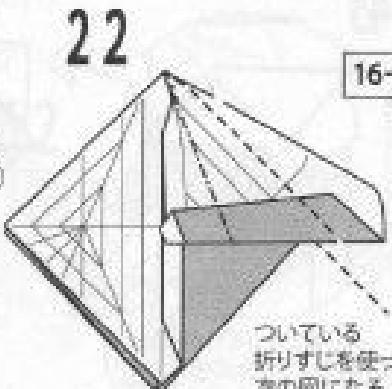
工程20に
なるように
中の紙を引き出す
(平面にはならない)

20

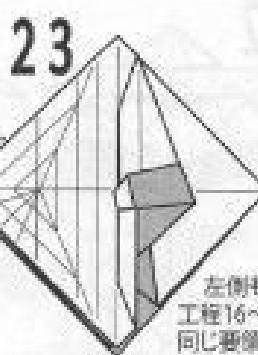
○を支点に、
カドが折りすじの
上にのるように折る

21

○と○を結ぶ直線で折る

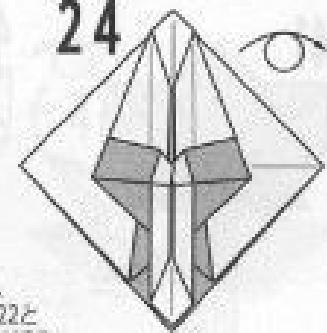


22

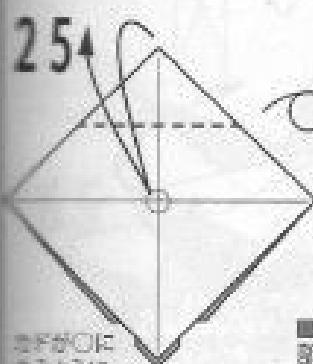
ついている
折りすじを使って、
次の図になるよう
折りたたむ

16-22

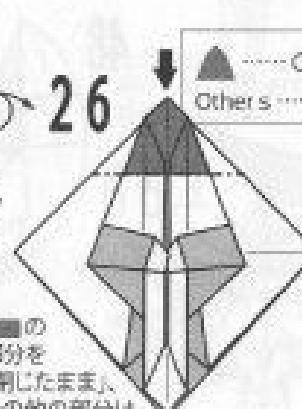
23



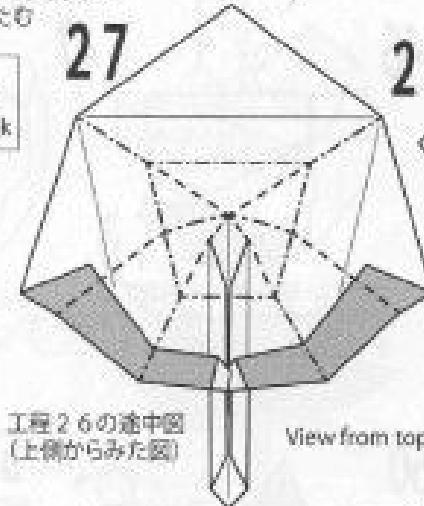
24

左側も、
工程16～22と
同じ要領で折る

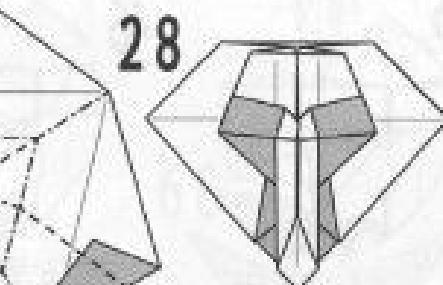
25

△が○に
合うように、
強めに折りすじをつける

26

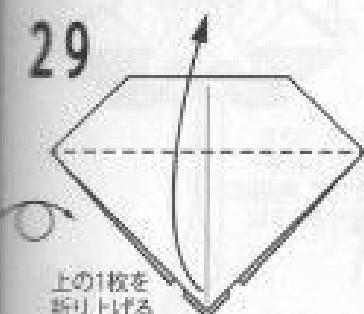
■の
部分を
「閉じたまま」、
その他の部分は
「開いた状態」で済み折り
(次の工程27を参考に)

27

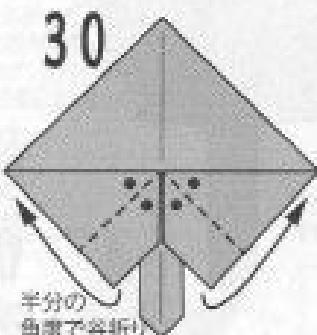
工程26の途中図
(上側からみた図)

28

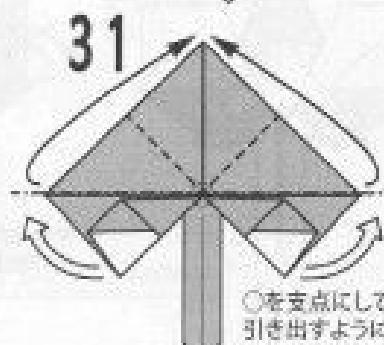
View from top



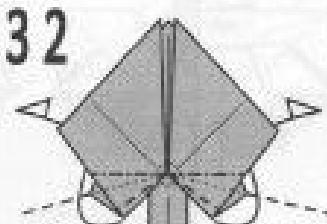
29

上の1枚を
折り上げる

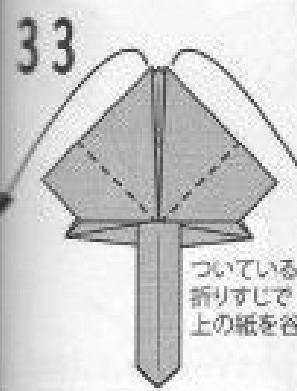
30

半分の
角度で谷折り

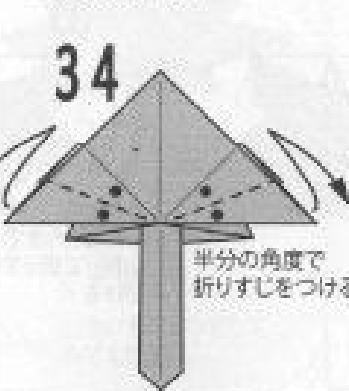
31

○を支点にして、
引き出すように
しながら折りたたむ

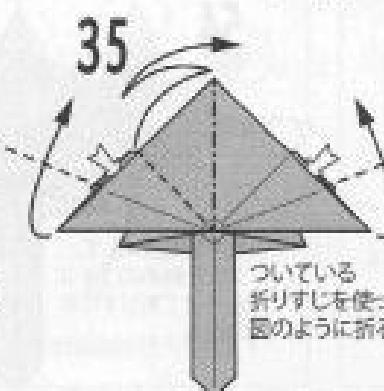
32

内側に
引き寄せるように折る

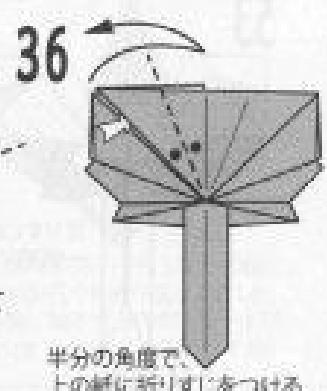
33

ついている
折りすじで
上の紙を谷折り

34

半分の角度で
折りすじをつける

35

ついている
折りすじを使って
図のように折る

36

半分の角度で、
上の紙に折りすじをつける



開いてつぶす
ように折る



工程 22% に
なるように開く



それぞれ、
角度が半分に
なるように
4ヶ所で折りすじをつける
(ただし、カドから○のところまで)



工程 38 に
なるように
折りたたむ



小さい○と
カドを結ぶ線で
上の紙を谷折り
(次の図は、大きい○内を拡大)



○(開くギリギリの所)から、
図のように上の紙を谷折り



紙の重なりを替える
(次の図は○内を拡大)



○とカドを結ぶ線で
上の紙を谷折り



ついている折りすじを利用して、
上の紙の中側で、一筋つぶすように
折りたたむ (次の図を参考に)

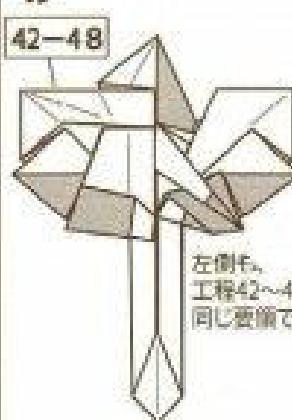


工程 46 の内部

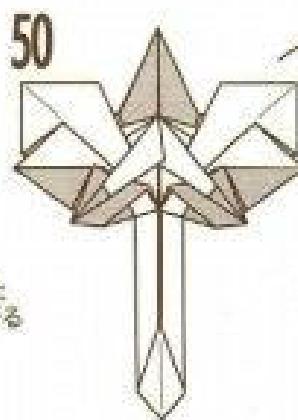


図のような折りすじで、
上の紙の中側で、折り返す

49



左側も、
工程 42~48 と
同じ要領で折る



半分の角度で、
上の紙を谷折り



工程 51 でついた
折り目の山谷を
つけかえて、内側に
引き寄せるように
折る

53



折りすじが
一直線になる

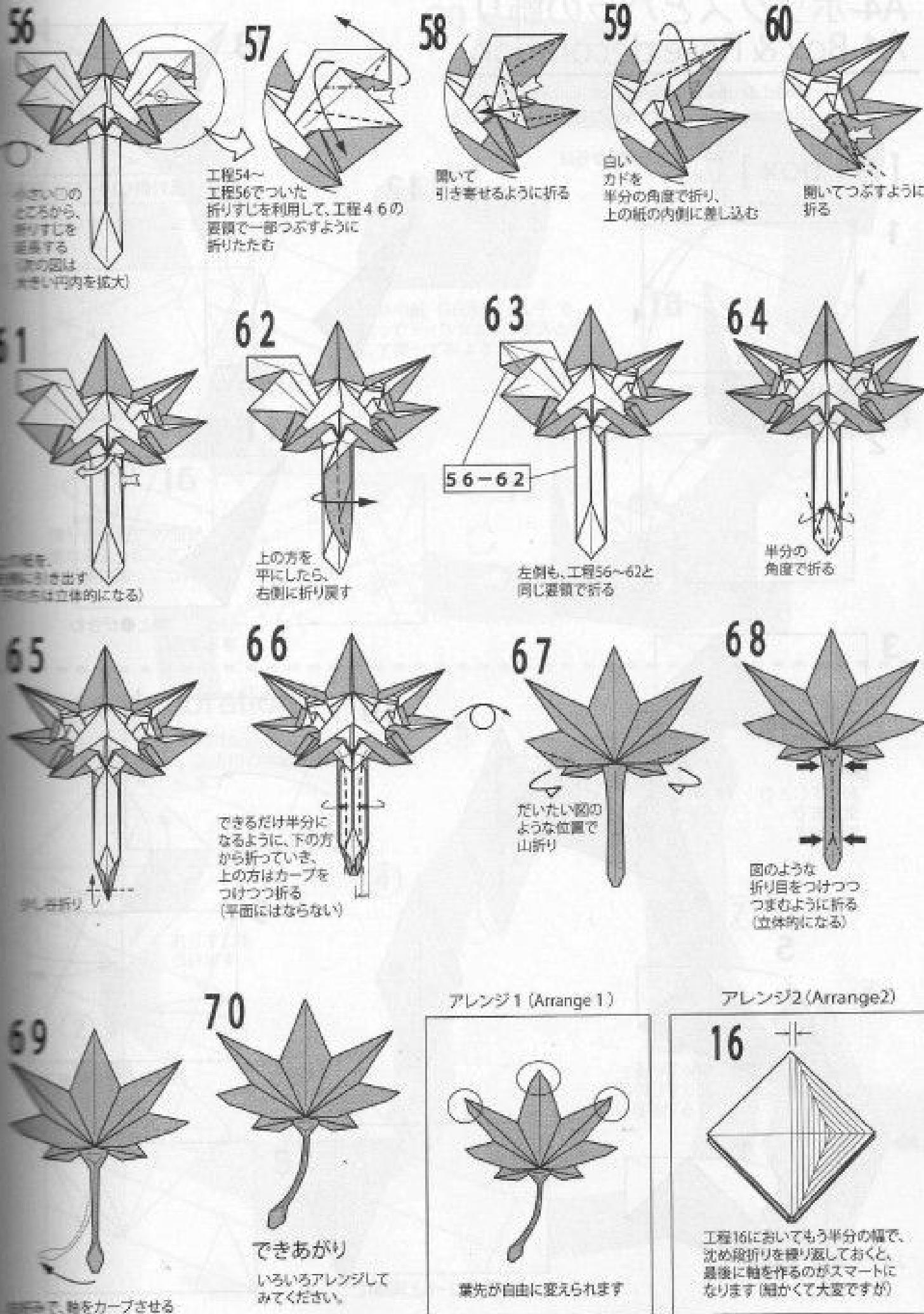


カドを支点にして、
フチを斜めのフチに
合わせて折りすじを
つける

55



カドから
○のところまで
山折りで折りすじを
つける

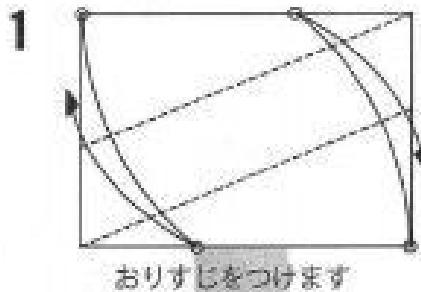


A4-ボックスとバラの飾り

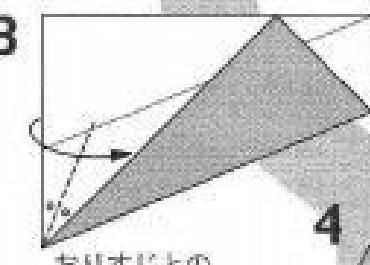
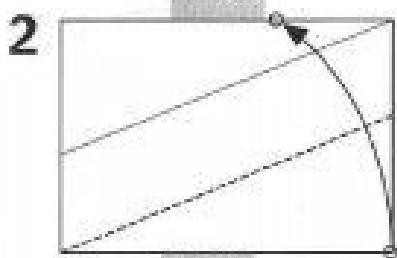
A4-Box & Rose decoration

Model designed by Seiji Nishikawa in 2015.
Diagrams produced by Seiji Nishikawa in 2015

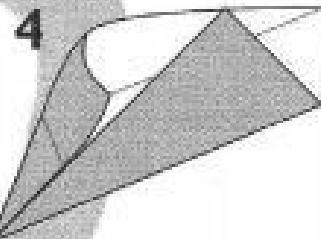
[A4 box] A4サイズの用紙からはじめます



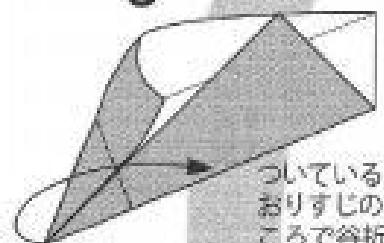
おりすじをつけます



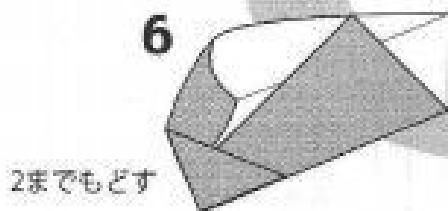
おりすじとの
交点まで
折ります。



5

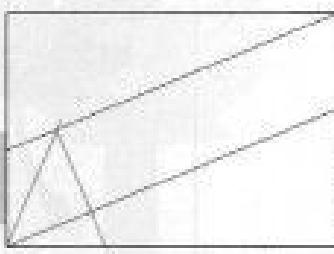


ついている
おりすじのと
ころで谷折り



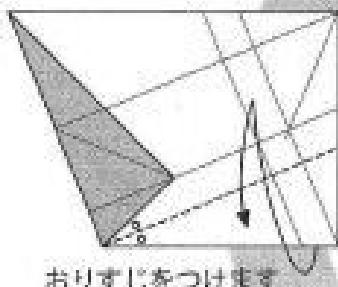
2までもどす

7



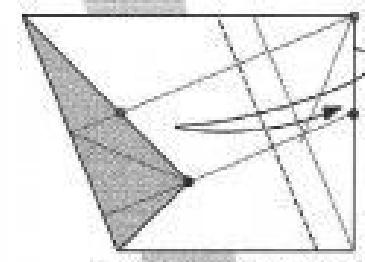
反対側も2-6と同様に

12



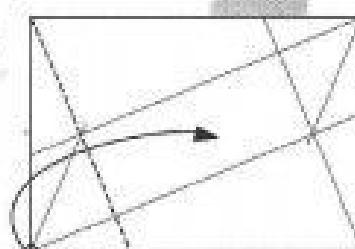
おりすじをつけます

11

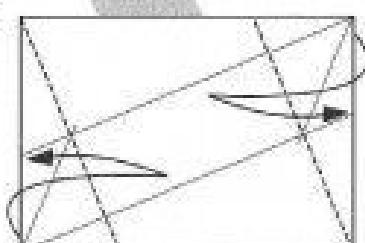


○と○、●と●が合わ
さるように

10

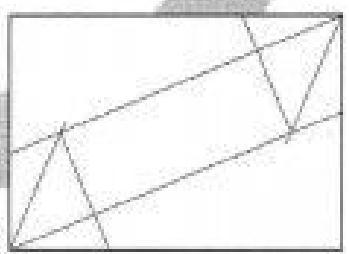


9

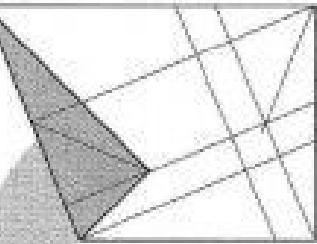


おりすじをつけます

8



13



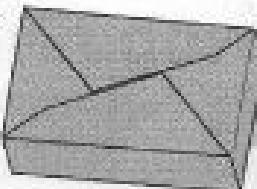
反対側も10-12と同様に

14



おりすじをつけます

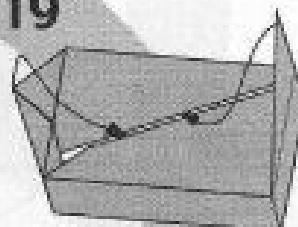
20



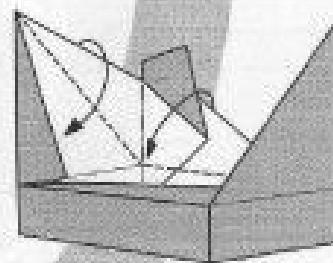
15

厚めの紙（160kgくらい）で
作ってティッシュボックスと
して使ってみよう

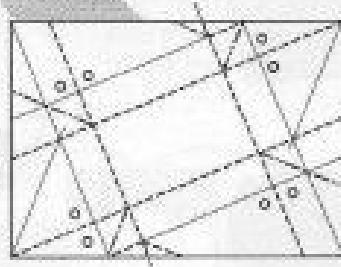
19



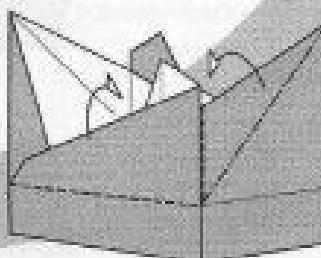
18



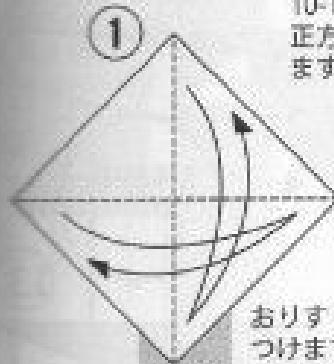
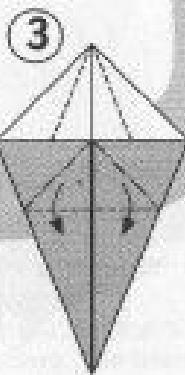
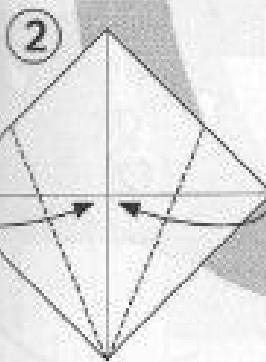
16

重り合った○の面が
重なるようにして、
山谷線に従って立体
にする

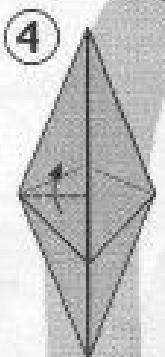
17



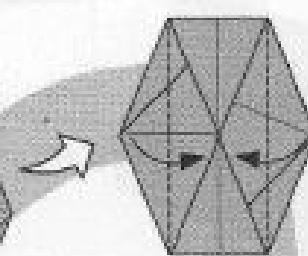
Rose decoration

10-15cmくらいの
正方形の用紙を使
いますおりすじを
つけます

⑤



④



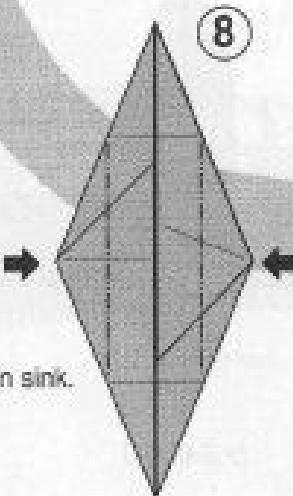
⑥

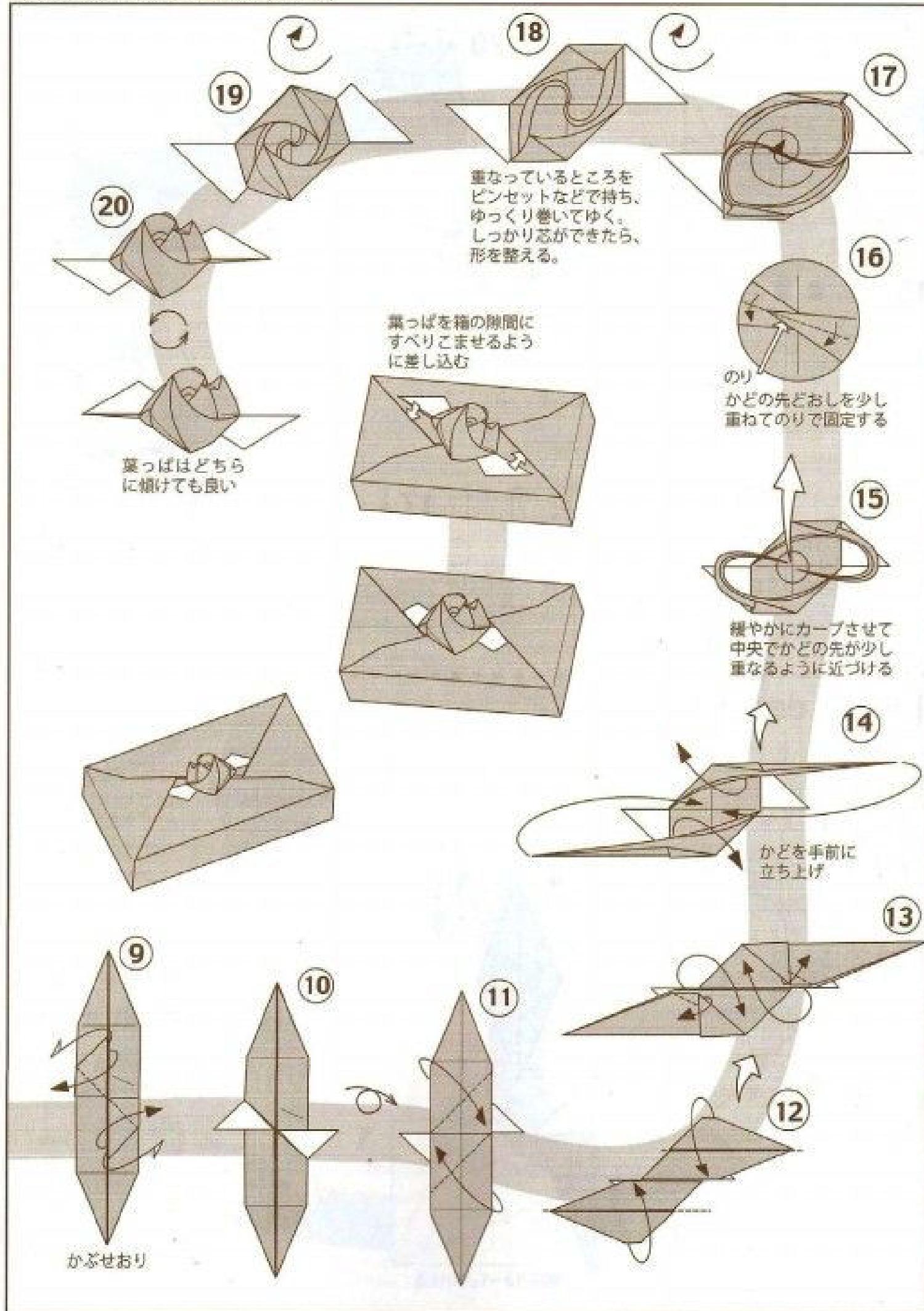


⑦

Open sink.

⑧







チャイナドレス Mandarin gown

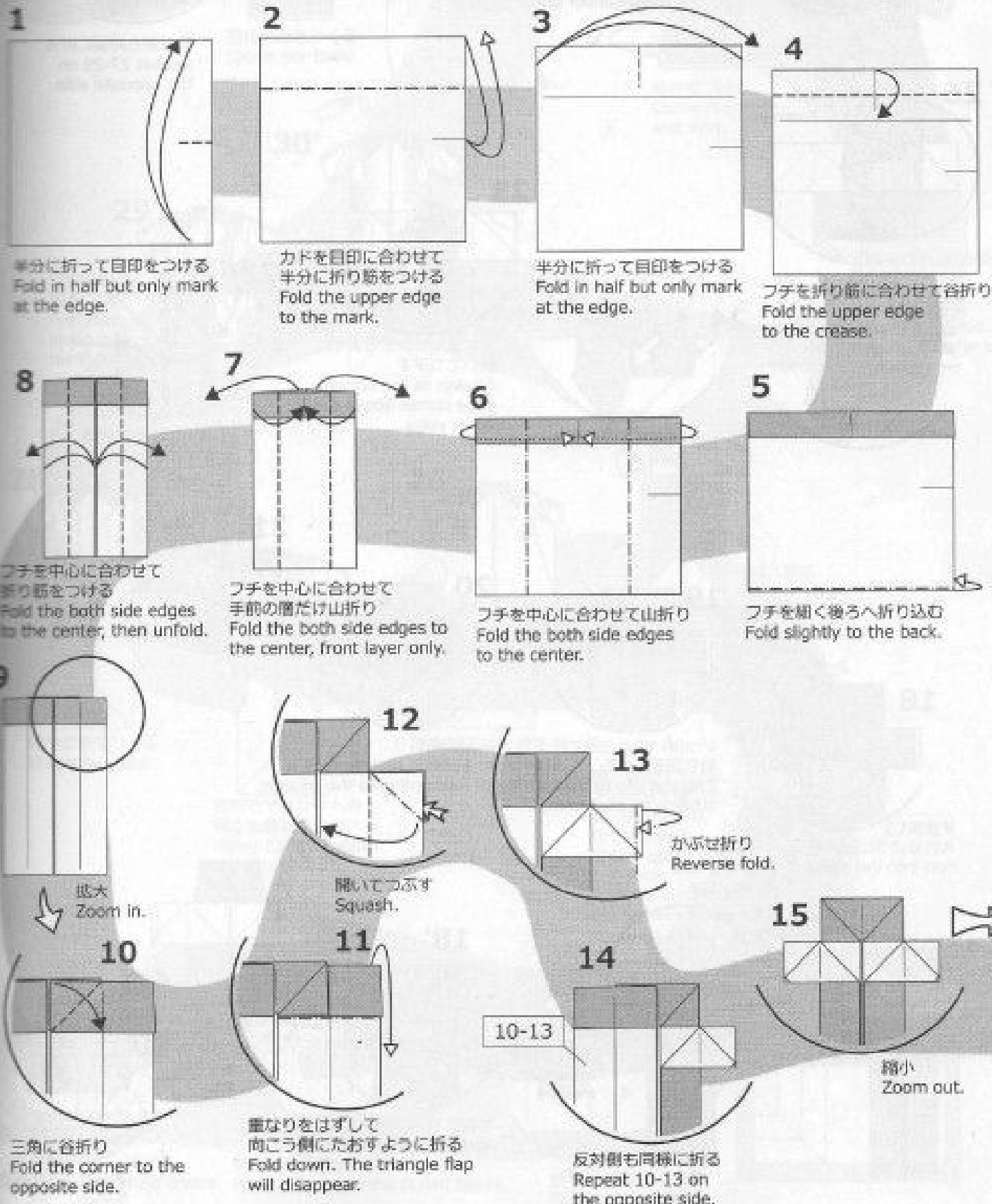
創作者(Designed by): 大内 康治 (OUCHI Koji)

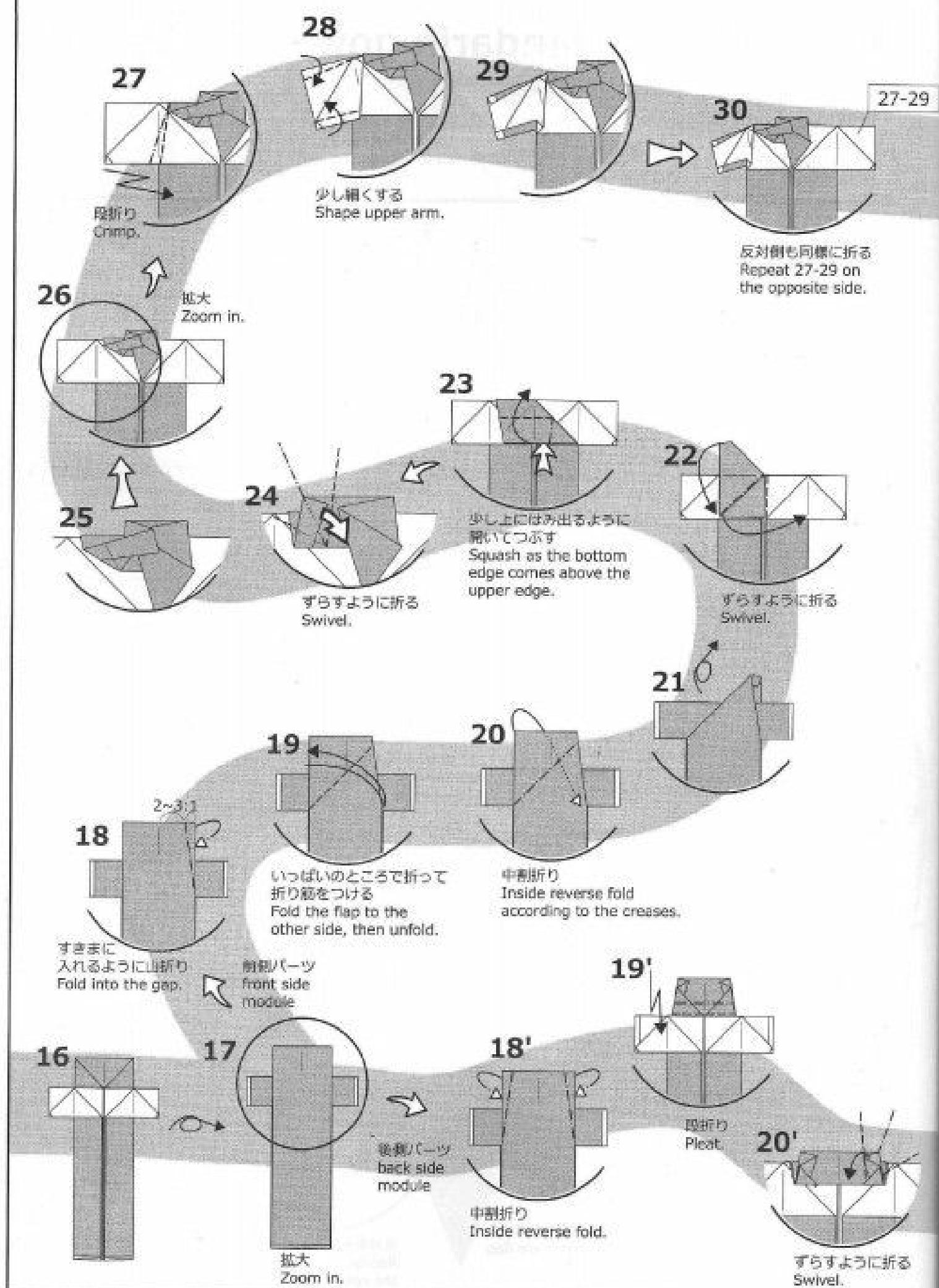
創作日(Designed Date): 2015.5

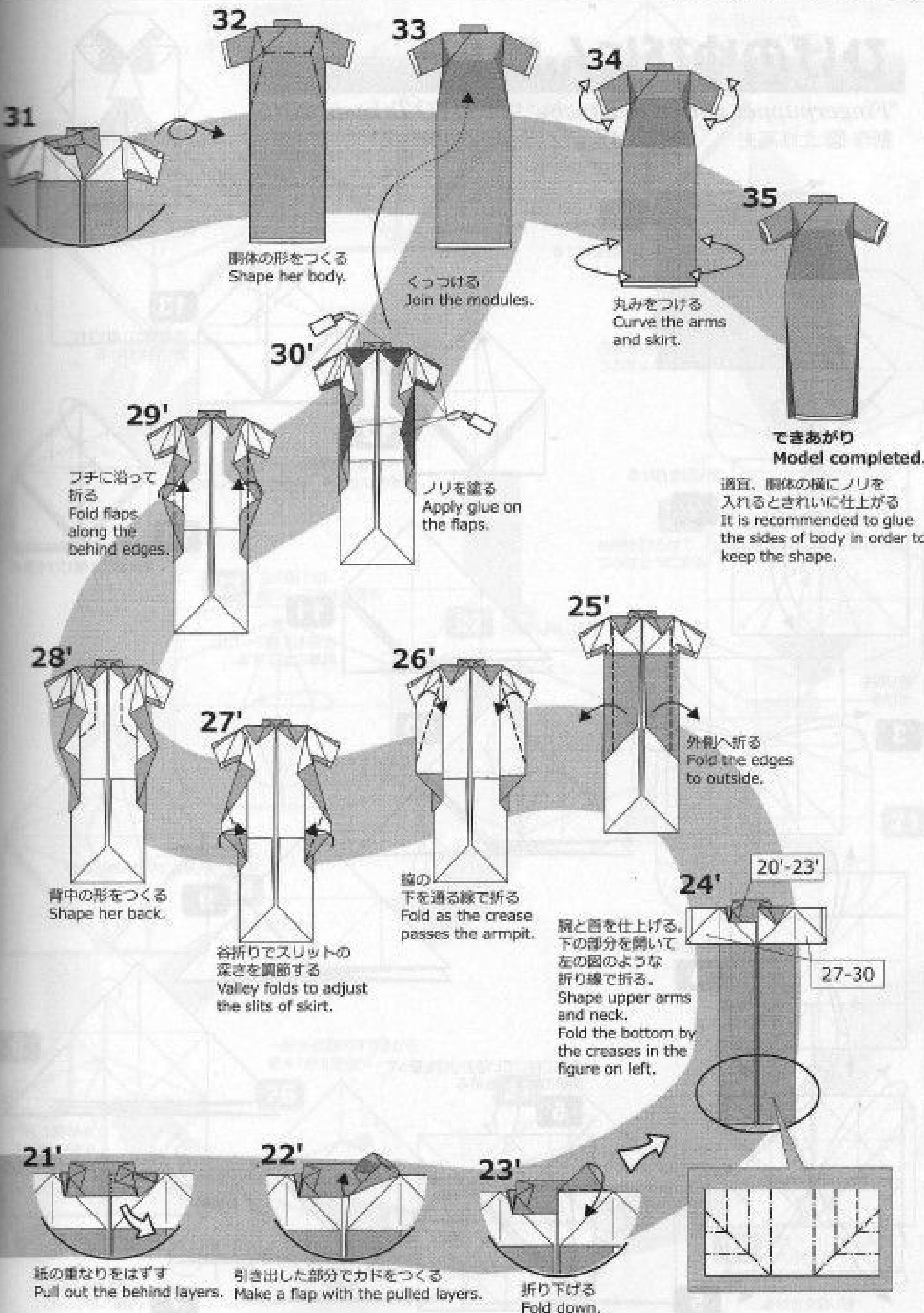
作図者(Drawn by): 大内 康治 (OUCHI Koji)

作図日(Drawn Date): 2015.6

同じ大きさの紙を2枚使います。
Use 2 sheets of square paper
sized equally.



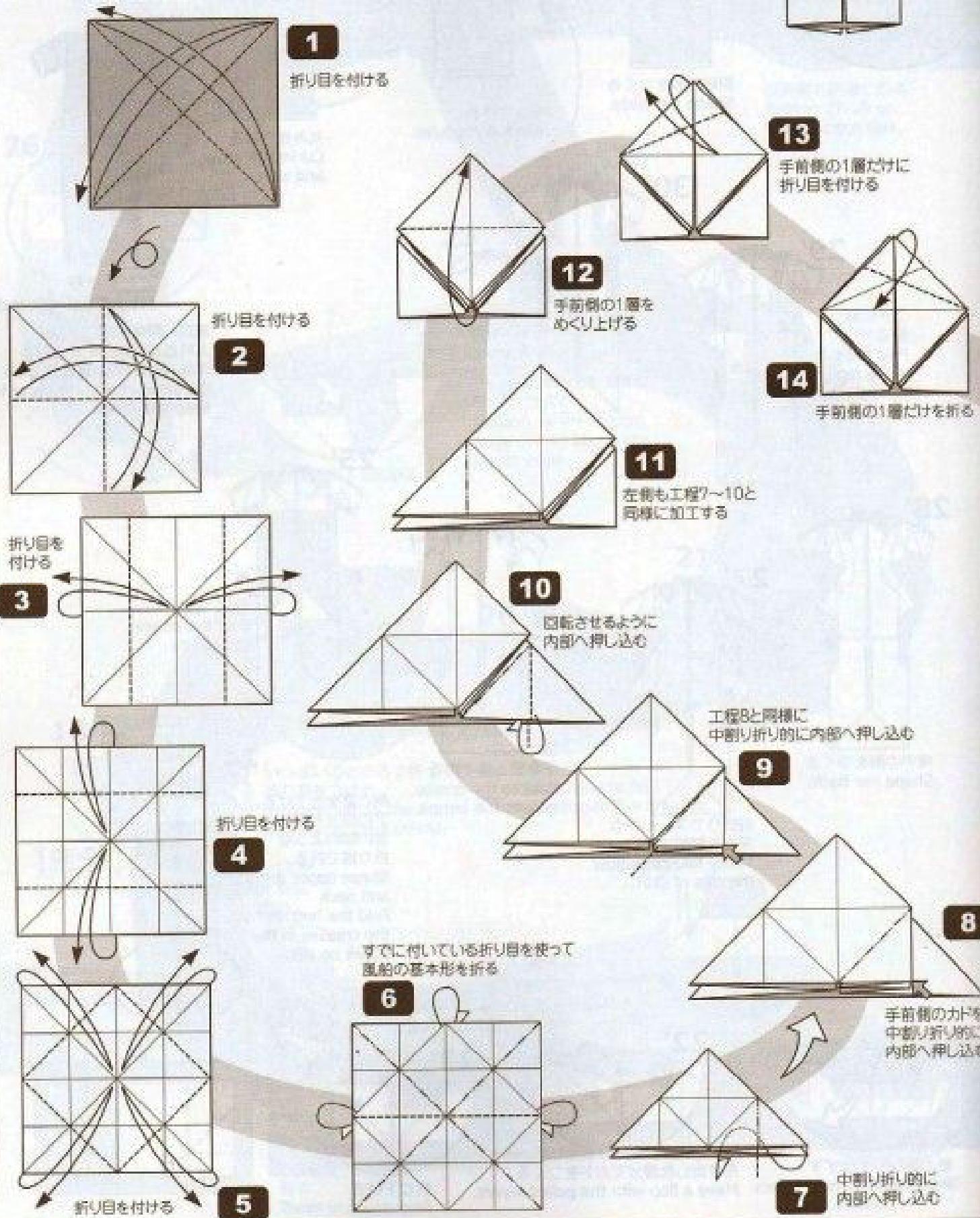
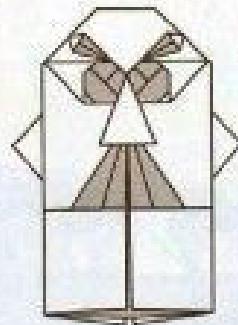


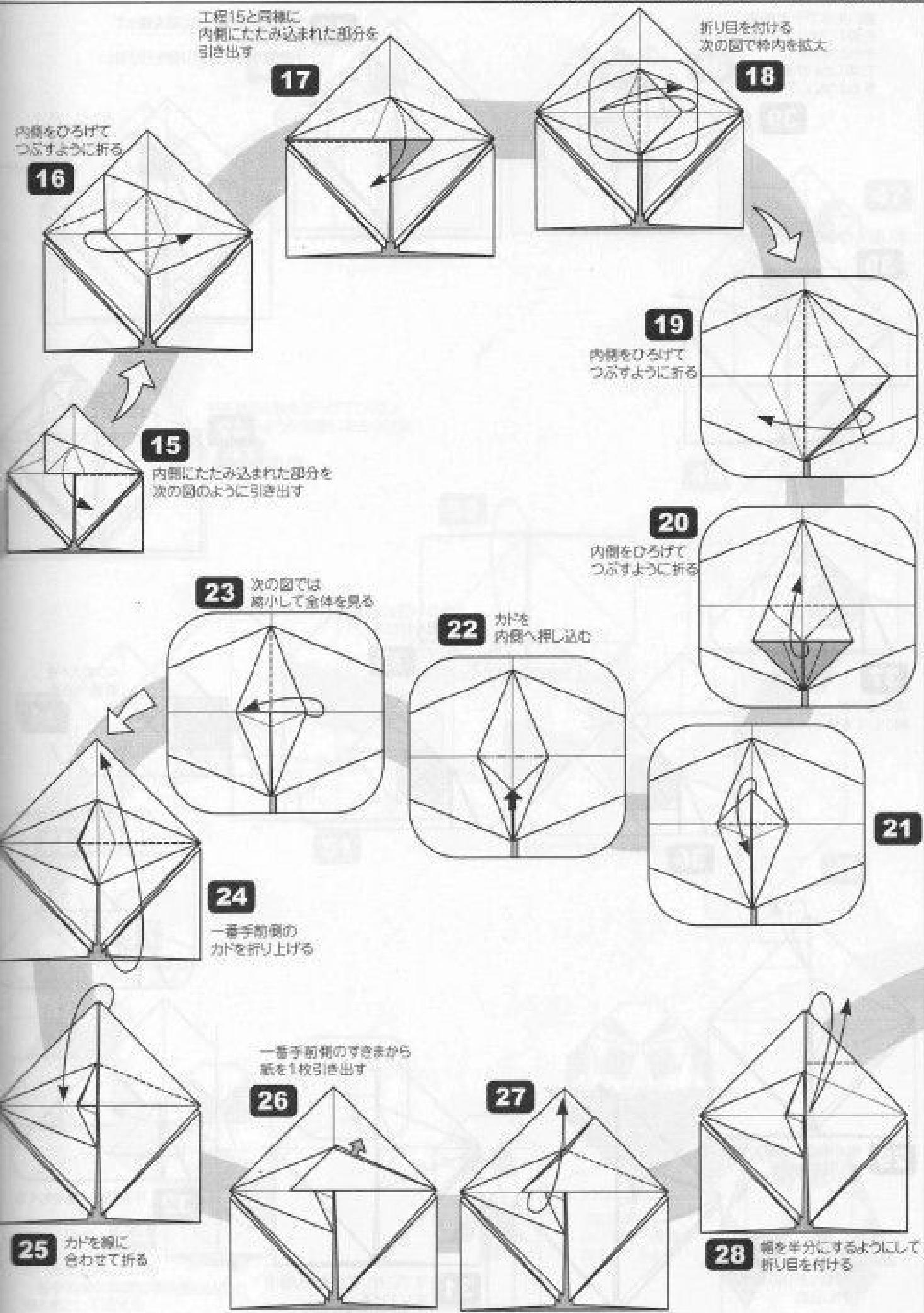


ひげのゆびにんぎょう

"Fingerpuppet with a mustache" ©HOJOYO Takashi 2015

創作図:北條高史 創作2015/5/23 作図2015/6/27





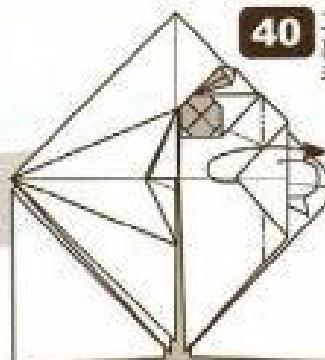
短い矢印で示す突起に
右側のチチの部分が合うように
それと同時に
右端のカドが水平な線に
重るようにして折る

39

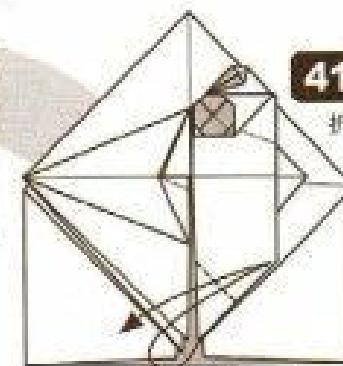


40 工程38で付けた折り目を使って
裏側へ折る
手前側の層には折り目を付けない

40



41



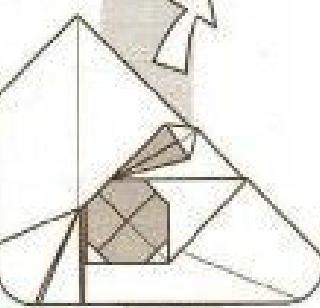
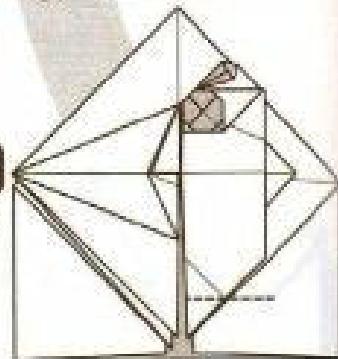
折り目を付ける

38



42 折り目を付ける

42



37

次の図では
縮小して全体を見る

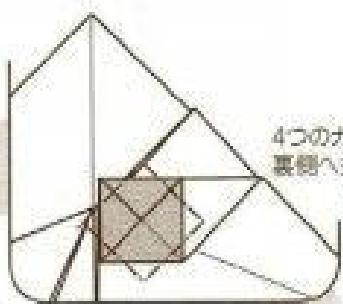
3分の1くらいの角度で
折り目を付ける

35



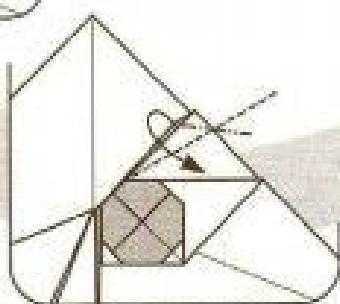
4つのカドを
裏側へ折る

34



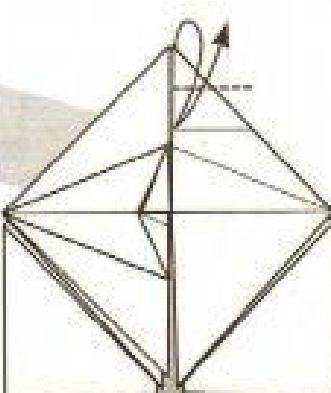
36 内側をひろげてつぶす

36

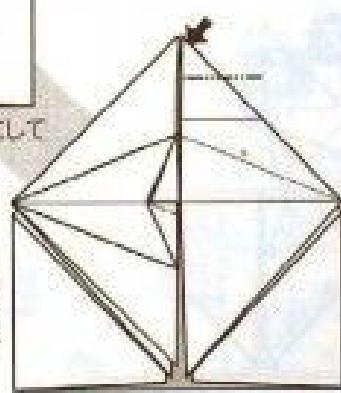


手前側の1層をめくる

33

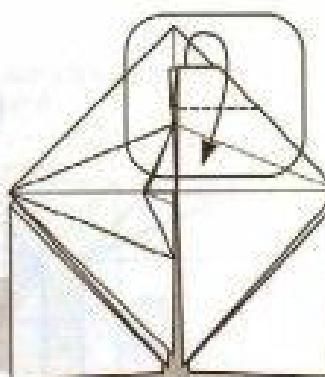


29 縦を半分にするように
折り目を付ける

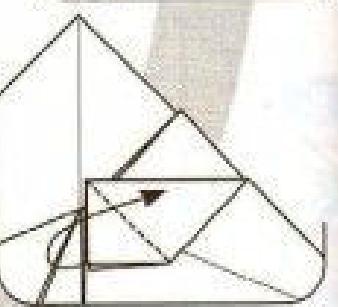


中割り折りのよう
に押し込む

30



31 すでに付いている折り目で
折り下げる
次の図で枠内を拡大



32 手前側の1層をめくる

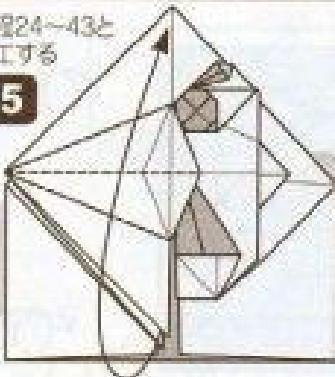
左側も工程24~43と
同様に加工する

45



手前側の1層を
左側へめくる

46

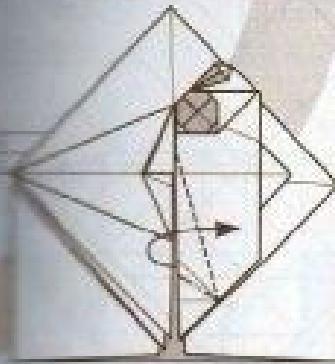


47



手前側の1枚をひろげてつぶし、
次の図のような状態におちつける

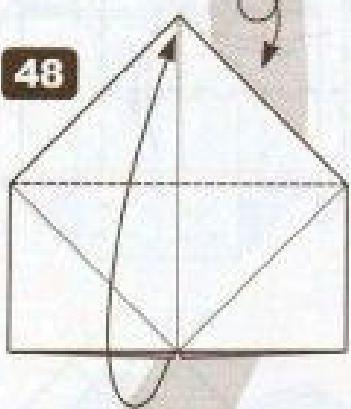
43



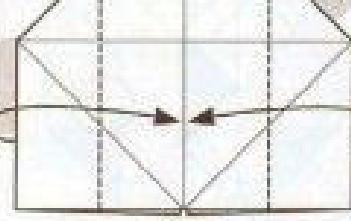
50



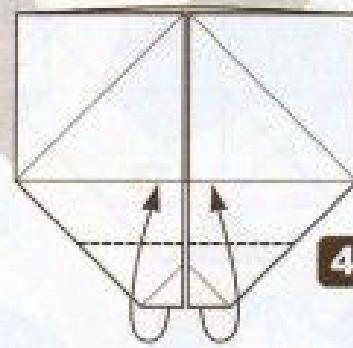
48



52



51



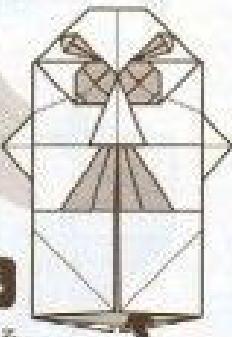
49

53
力で裏側へ
少し折る



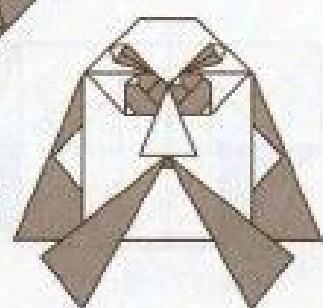
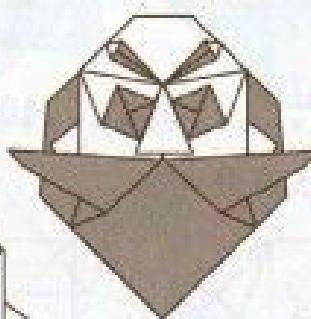
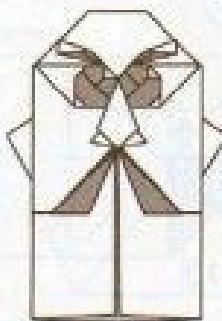
完成

54

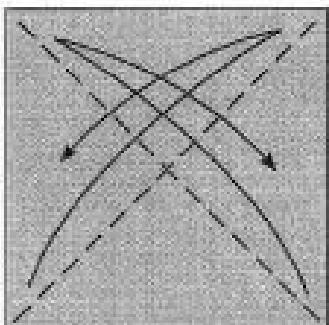


黒い矢印で示している
一番手前側の隙間に指を差し込むと
挿入形として使える

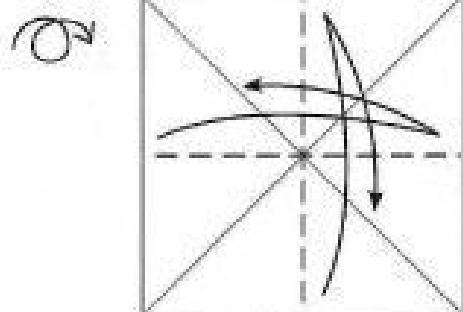
<応用例>
ひげの形や表情を
改変してみよう



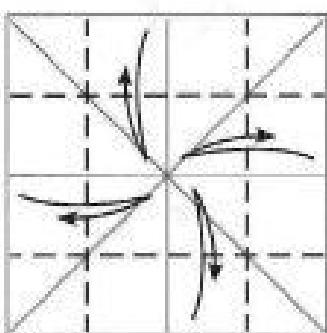
積み重ねられる仕切り付き
バスケット
松井英里香



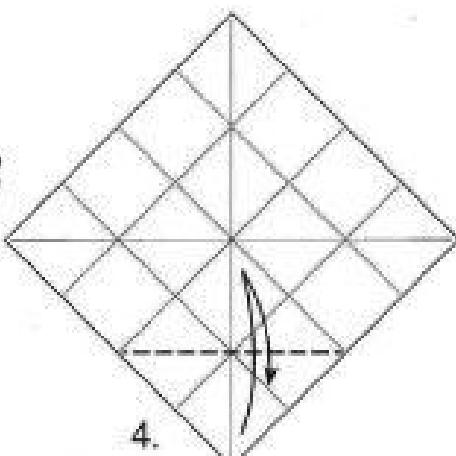
1.



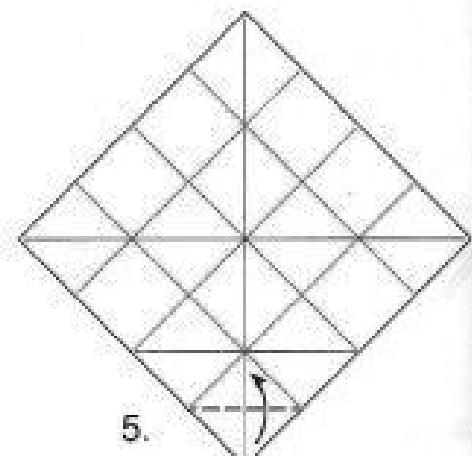
2.



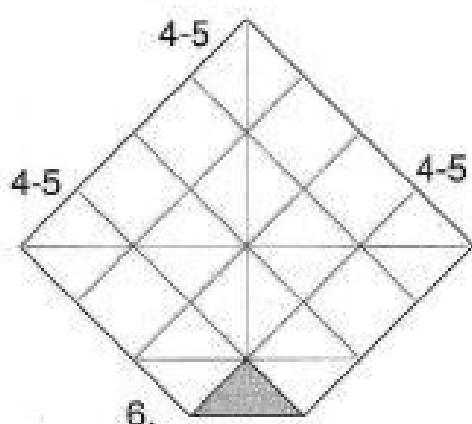
3.



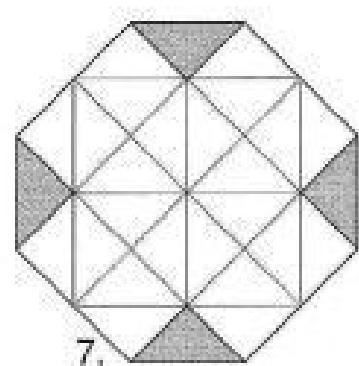
4.



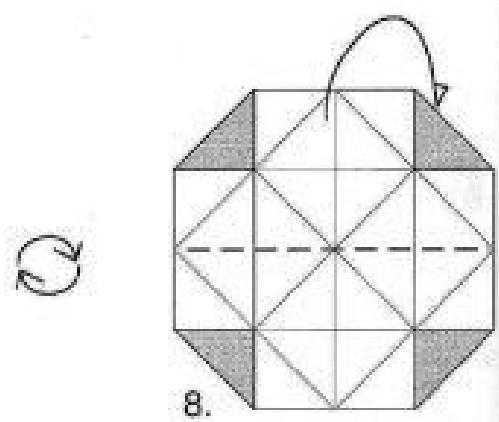
5.



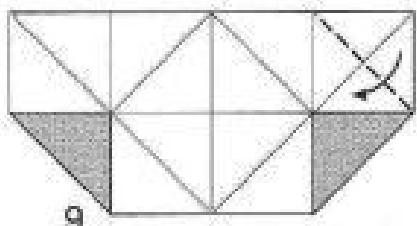
6.



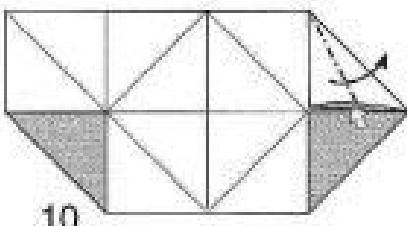
7.



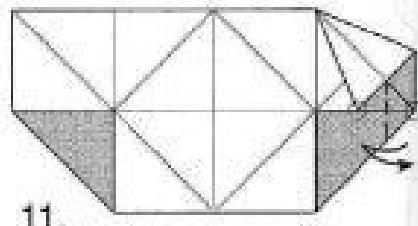
8.



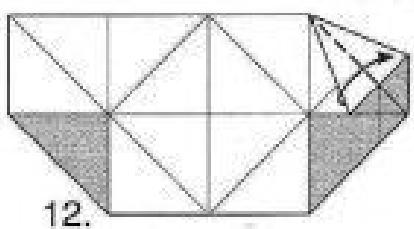
9.



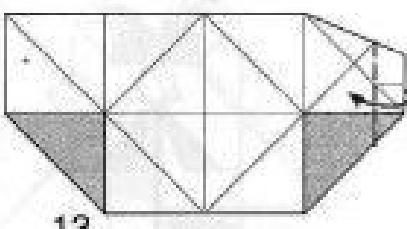
10.



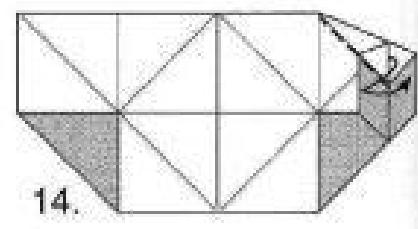
11.



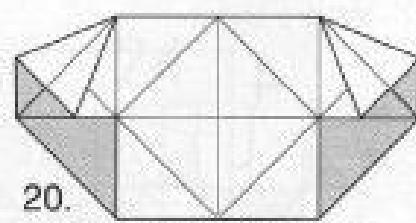
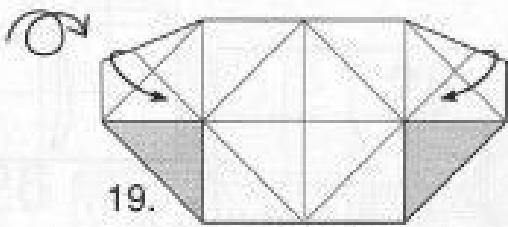
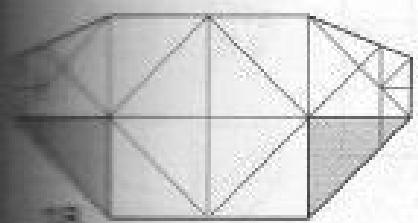
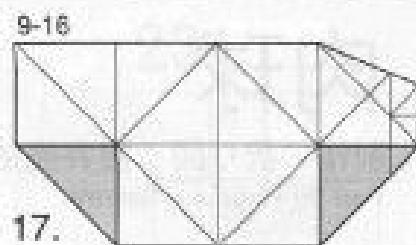
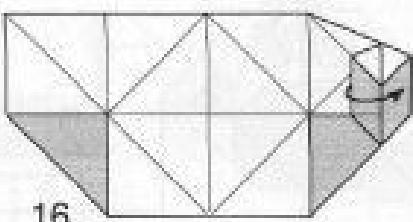
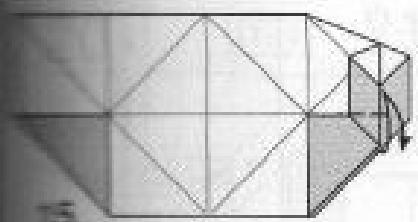
12.



13.

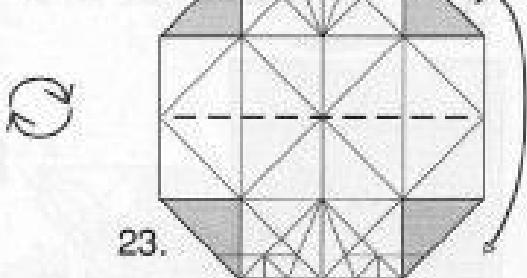
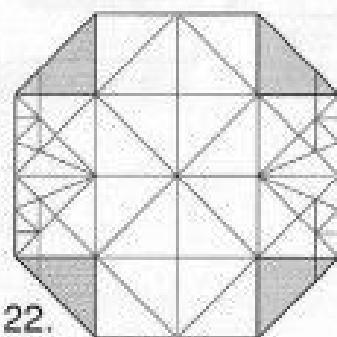
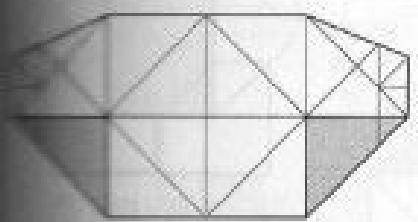


14.

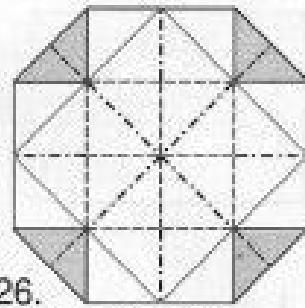
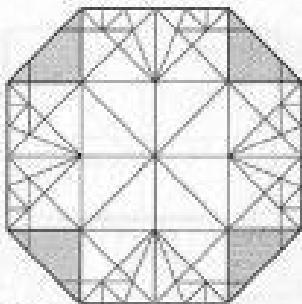
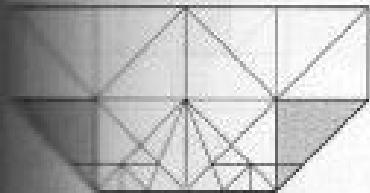
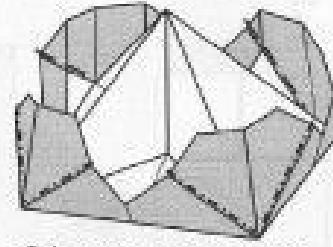
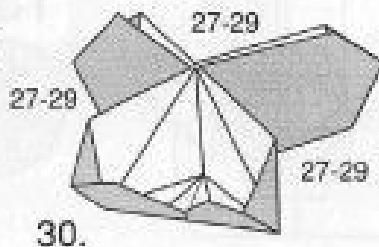
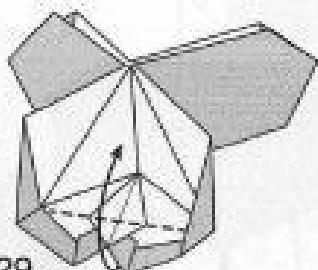
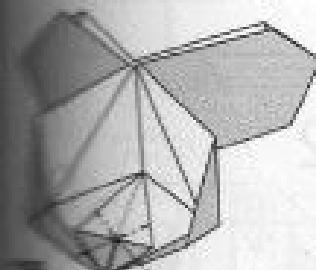
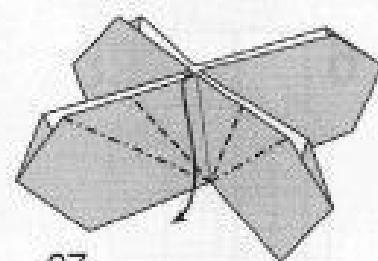


一枚めくる

同じようにおりすじをつける



21. 8 の状態までひらく

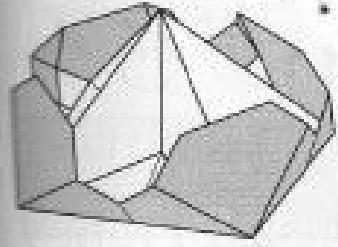
24. 9-21
こうに折り、ひらく図の線でたたむ
(次の図のようになる)

おりすじでたたむ

29.

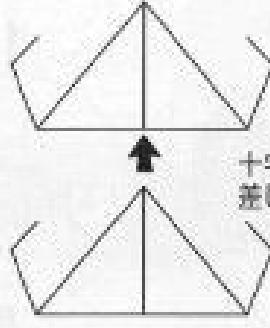
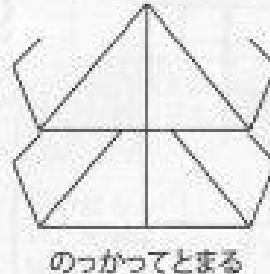
30.

31. かたちをととのえる



32. できあがり

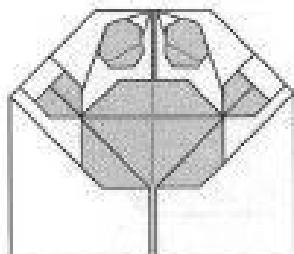
積み重ね方(模式図)

十字のところを
差し込む

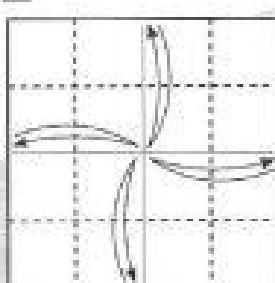
のっかってとまる

肉球

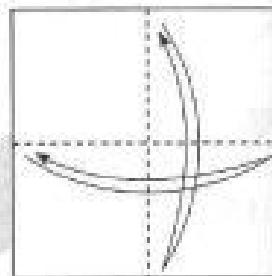
創作・折り図：櫻井亮佑
Pad by Ryosuke Sakurai



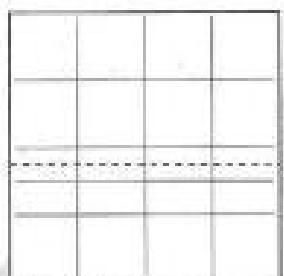
2



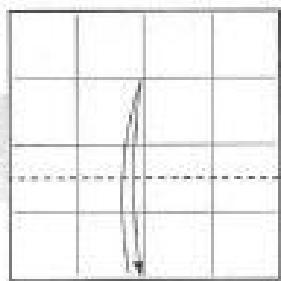
1



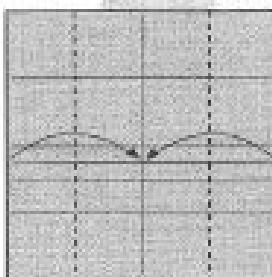
4



3

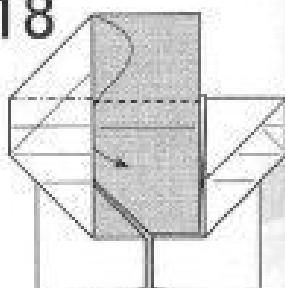


5



半分の幅で折り筋をつける

18

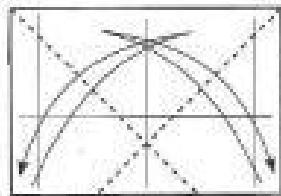


中割り折り

6



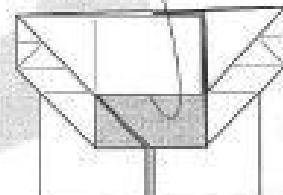
15



16

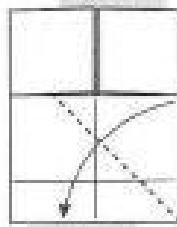


17

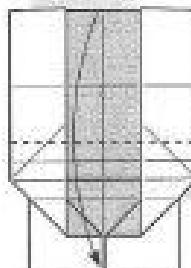


引き出す

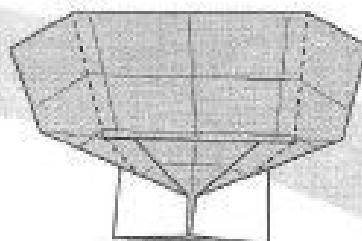
7



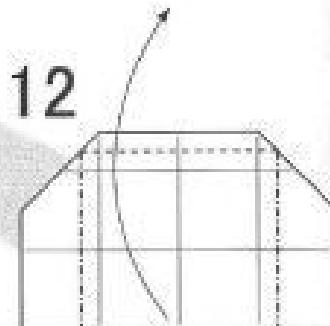
14



13

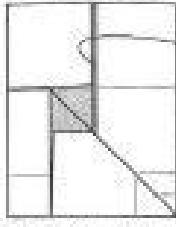


12



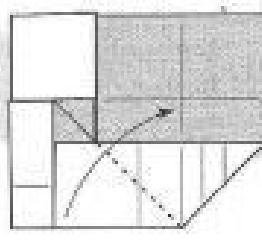
途中の図

8



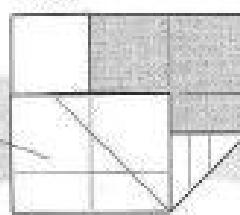
引き出すように折る

9

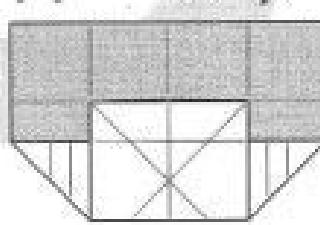


7-9

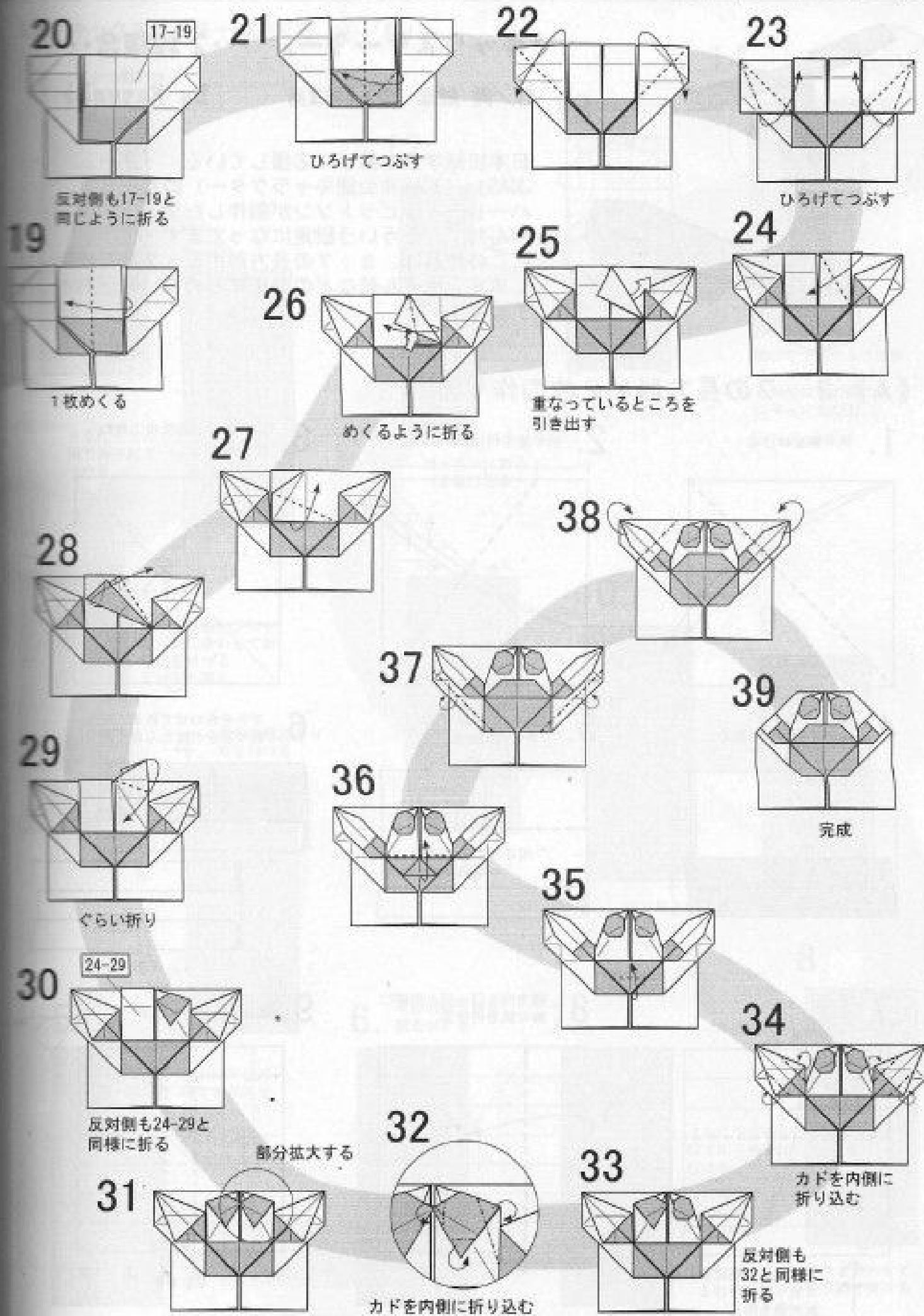
10

反対側も7-9と
同じように折る

11



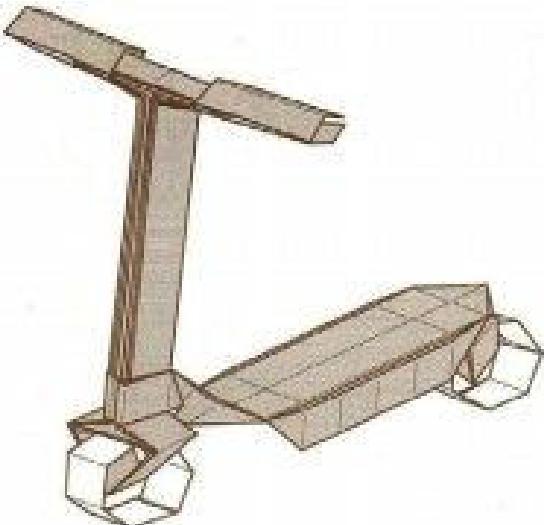
9



『キックスケーター』 …2枚複合…

作/露 誠志 2014年3月

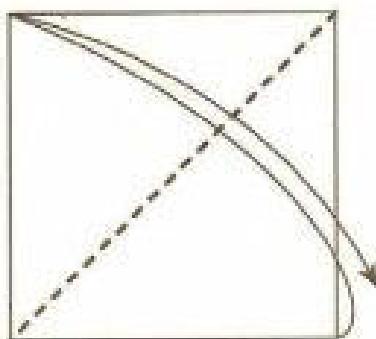
By Kasumi



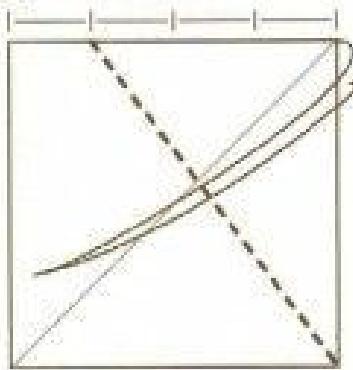
日本折紙学会を勝手に応援している「チームJOAS」(JOAS非公認キャラクター)のリーダー、ハーレー・ラビットソンが創作した?…何だからんで、そういう設定になってます?…。<この作品は、3:7の長方形用紙×2枚を使用します。ホイル紙などの形をまとめ易い紙がおすすめです。>

《A》3:7の長方形×2枚の作り方

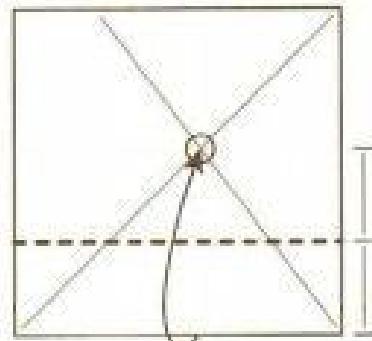
1. 折り筋を付ける



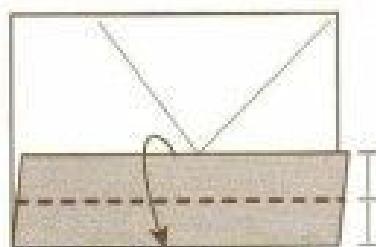
2. 折り筋を付ける



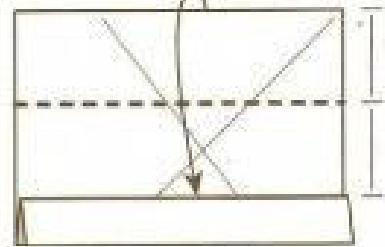
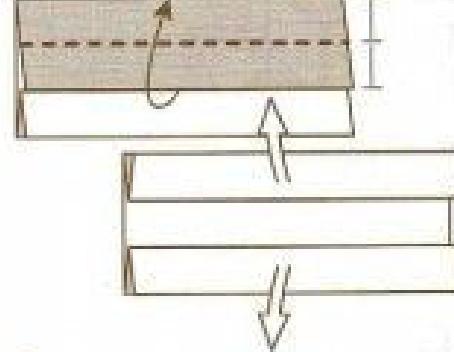
3. フチを○印の交点に合わせて折る



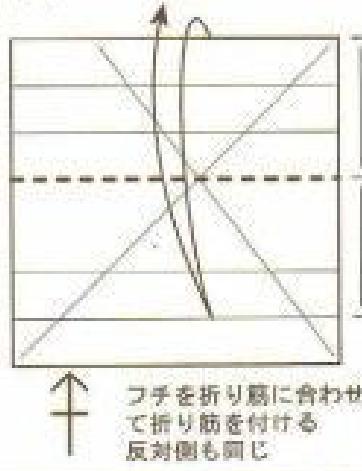
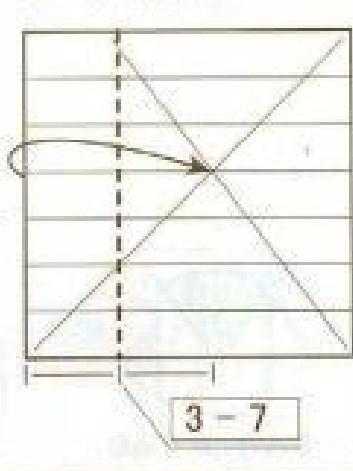
4. フチを合わせて折る



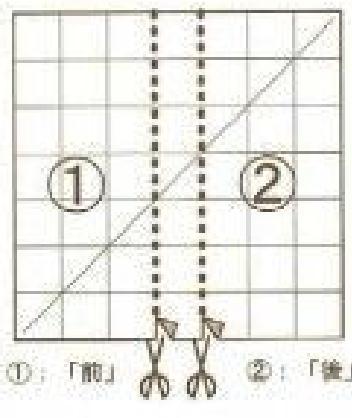
5. フチを[4]で折り返したフチに合わせて折る

6. フチを合わせて折る
折り筋を付けたら全て開く

7.

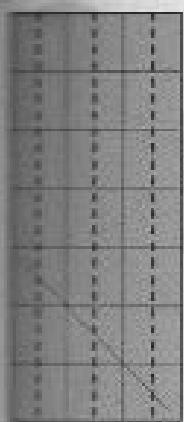
8. 縦方向も[3~7]と同様に
折り筋を付ける

9. 円の位置で切り離す



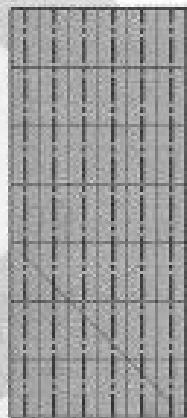
(三) キックスケーターの折り方 ①:「前」

1. 半分の幅で折り筋を付ける

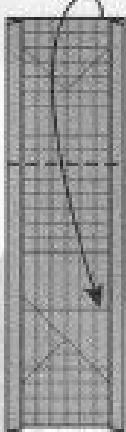


さらに半分の幅で折り筋を付ける

2.

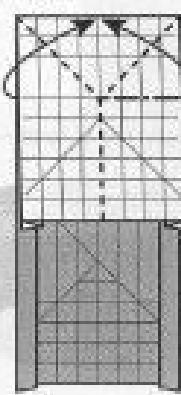


12.



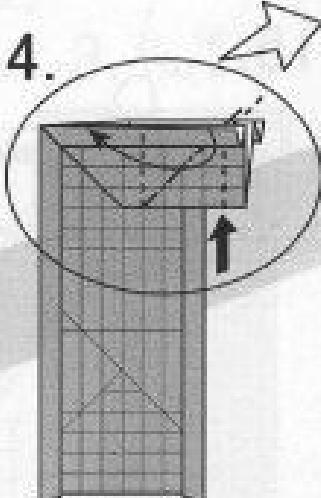
カドを下に折る
(位置に注意)

13.



つまみ折り

14.



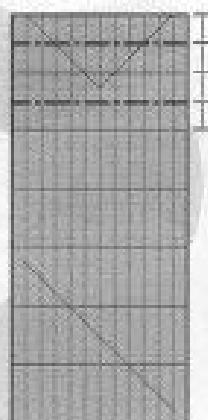
開いてつぶすように折る。
つられて浮いてくる部分は次の図のよう
に平らにたたむ

3.

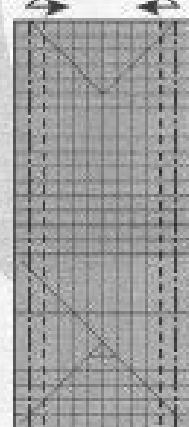


○印を基点にフチを
折り筋に合わせて折
り筋を付ける
反対側も同じ

4. 半分の幅で折り筋を付ける

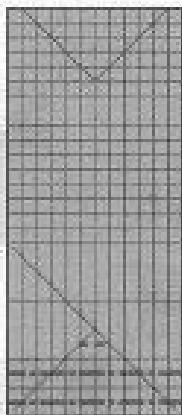


11.



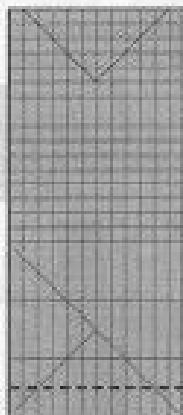
両側を既にある折
り筋で段折り

10.

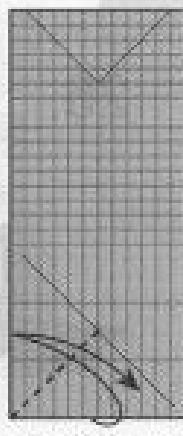


折り筋を付ける

9.

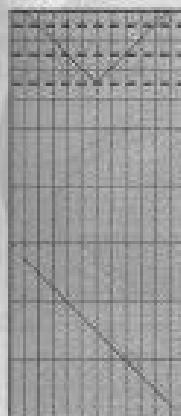


8.



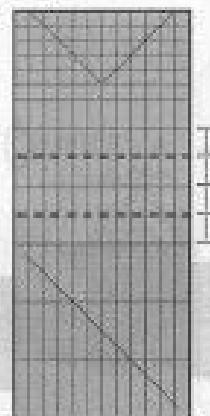
フチを合わせて
折り筋を付ける

5.

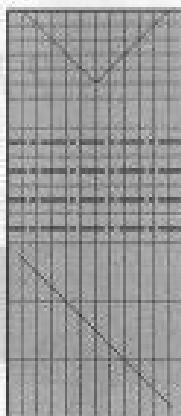


さらに半分の
幅で折り筋を
付ける

6. 半分の幅で折り筋を付ける



7.



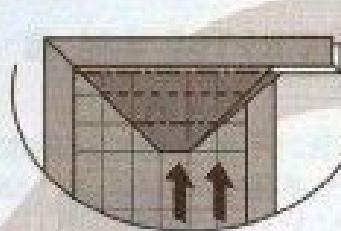
さらに半分の
幅で折り筋を
付ける

15.

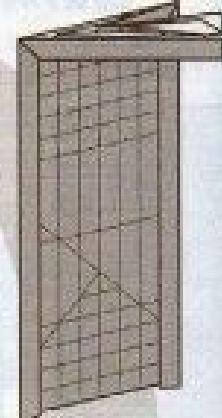


17.

沈め折り [open sink]



18.

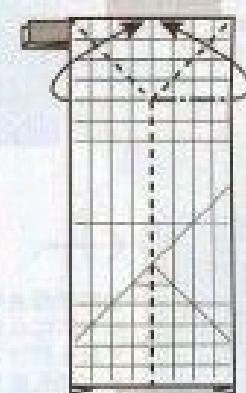


16. カドを反対側へ折る



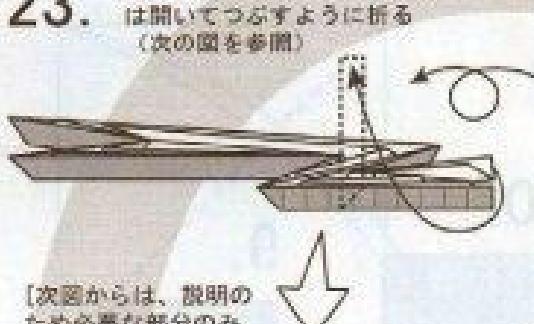
19.

つまみ折り



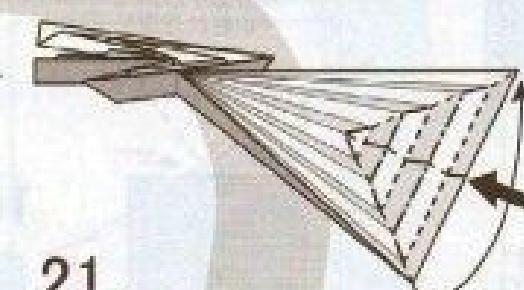
23.

カドを中心にくるように立てる。つられて浮いてくる部分は開いてつぶすように折る
(次の図を参照)

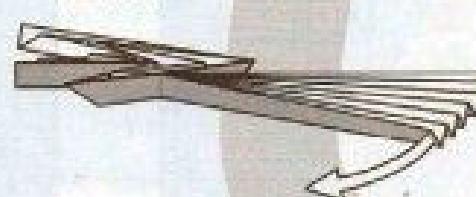


22.

付いている折り筋でジャバラに折りながらとじる



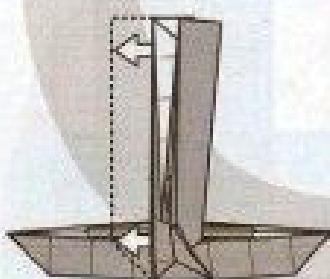
21.



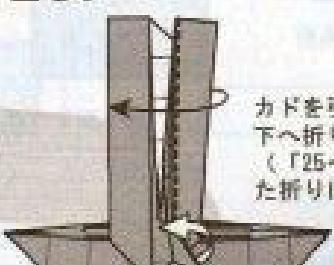
20.



24. 後ろにあるカドを点線で示す位置へ引き出す

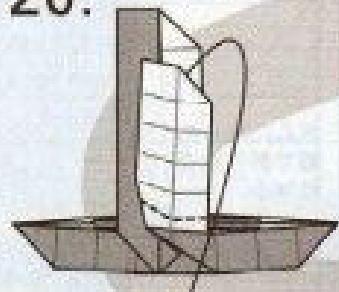


25.



カドを引き出しながら下へ折り下げる
(「25~26」は連続した折りになります)

26.

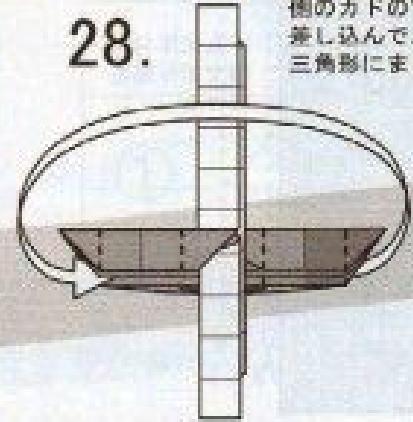


27.



カドを反対側へ折る

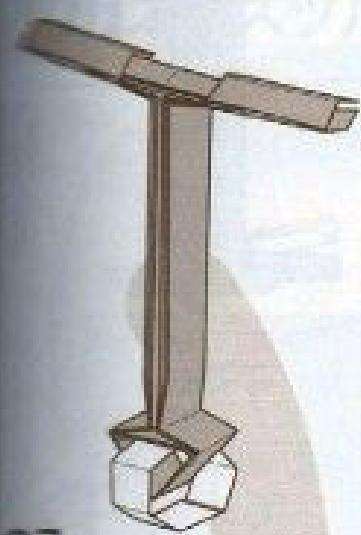
28.



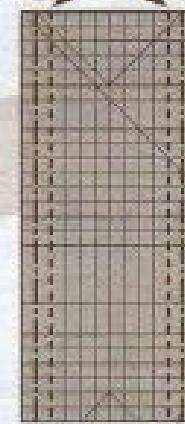
濃い色の部分を反対側のカドのすき間に差し込んで、全体を三角形にまとめる

(B) キックスケーターの折り方 ②:「後」

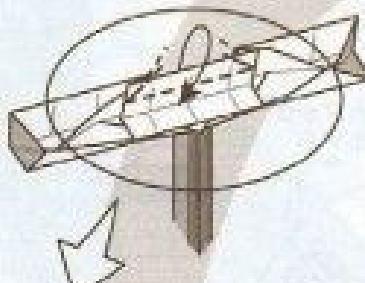
38. ①:「前」 完成



1. ①:「前」の「7」から始める

①「前」の「1-7」と同じように折って
折り筋を付ける2. 図の位置に折り筋
を付ける3. ①:「前」の
「19」まで折る

37.

四角柱になるよう
に立体化する
反対側も同じ34. カドを下に折りながら
左右を開いてつぶすよ
うに折る

33.

段折り（各折り線は
底にある折り筋）

カドを内側に折る

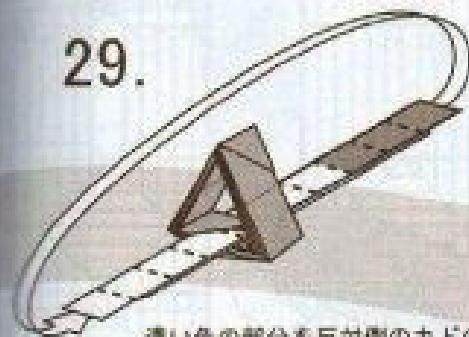
36.

開いていたカド
を閉じる引き寄せるように折る
反対側も同じ

32.

内側が見えるように
少し開く

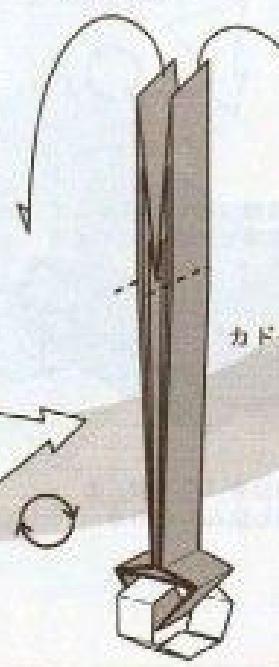
29.

濃い色の部分を反対側のカドのす
き間に差し込んで、全体が七角形
になるようにまとめる
(次の図を参照)

30.

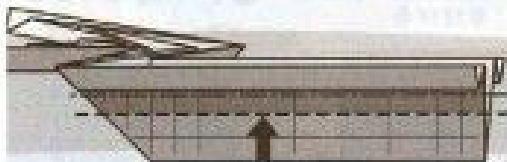


31.



カドを根に広げる

4. 濃い色の部分を（一段だけ）沈め折り
[open sink]



5. 開いてつぶす
ように折る

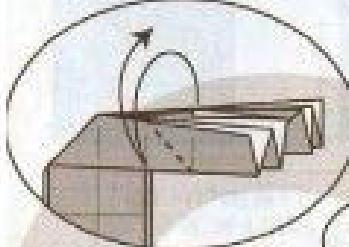


6.

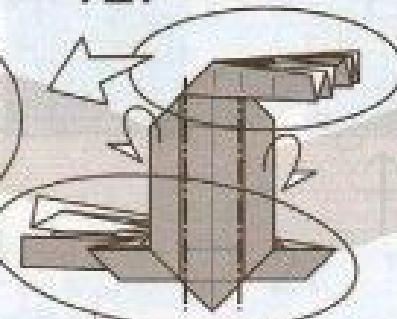
カドを下に
折る



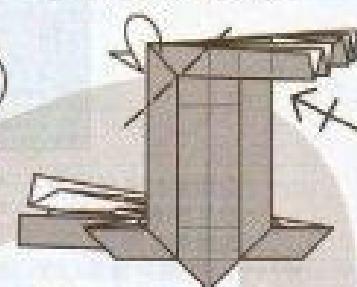
13. 紙を重ねたまま折って
折り痕を付ける



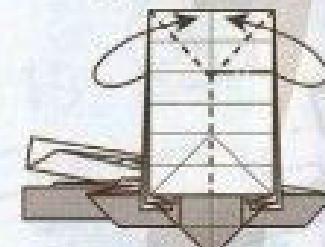
12. カドを後ろに折る



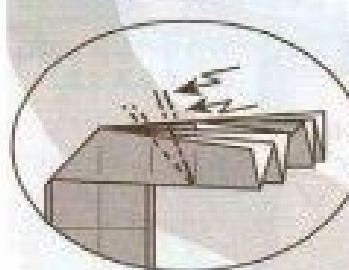
11. カドを後ろに折る
反対側も同じ



7. つまみ折り

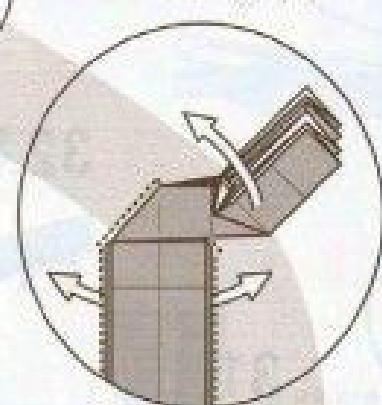


14. 兩側で斜めに段折り
(内部は7層になって
いる為、4枚、3枚に
振り分ける)

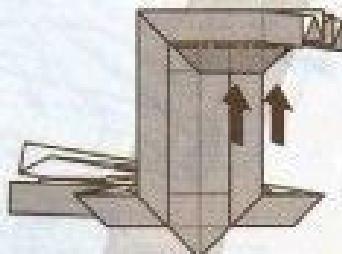


①「前」の「23-30」
と同じように折って
後輪をつくる

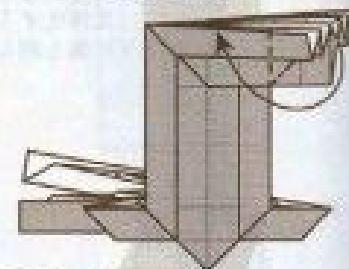
15. 図で示すカドを立
てて立体化する



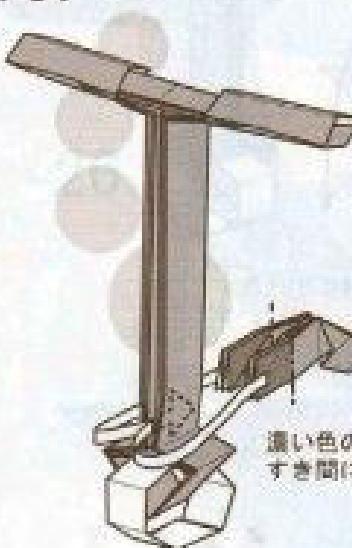
10. 沈め折り
[open sink]



8. 開いてつぶすよう
に折る



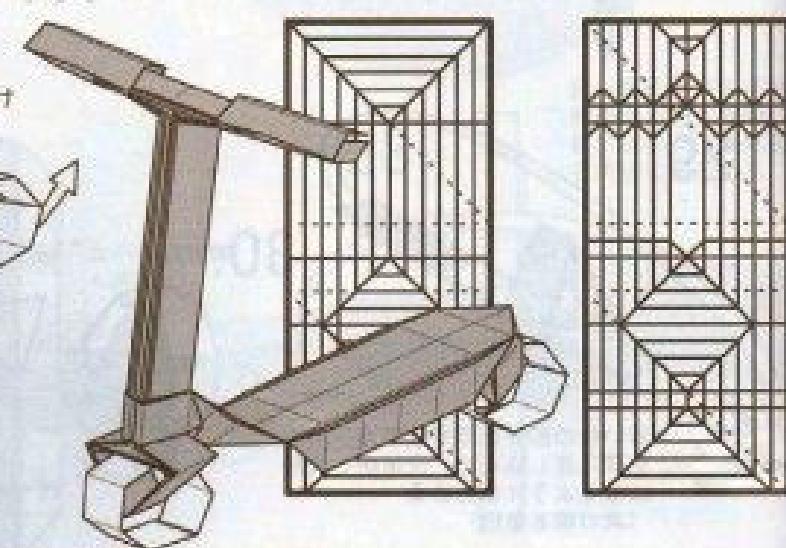
16.



後輪は少し引き出して傾け
る事で車高を低くする

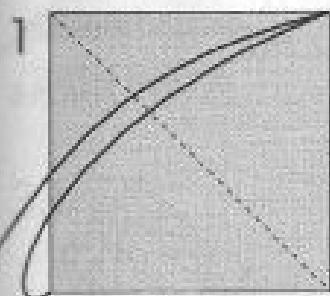
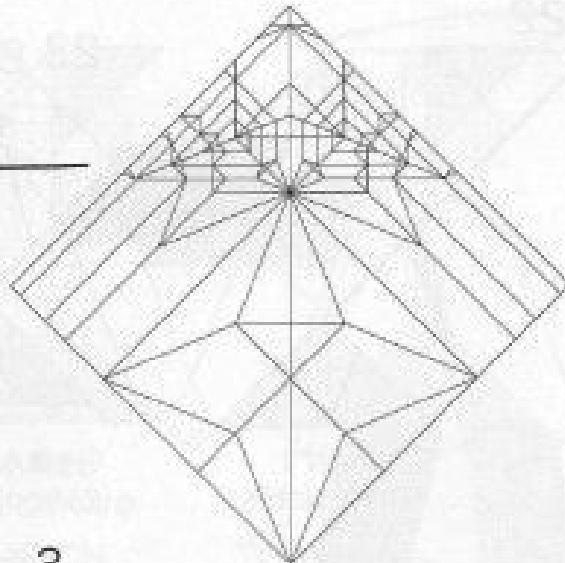
濃い色の部分を「①・前」の
すき間に差し込んでとめる

17. 完成

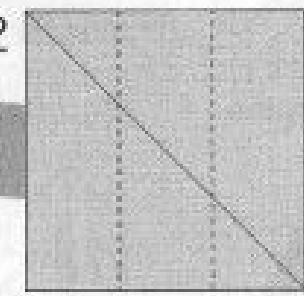


クリスマスツリー Santa Crane

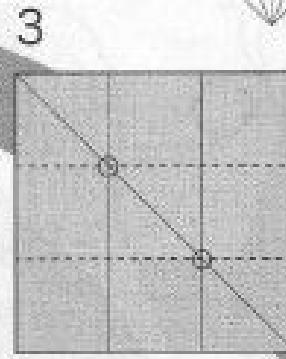
創作:2014.12. 作図:2015.6.
有澤 悠河 Arisawa Yuga



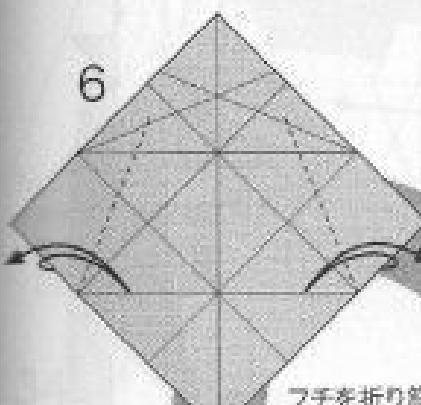
対角線で折り筋をつける



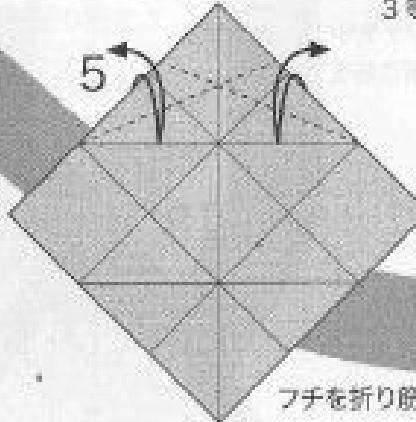
下図のように見当をつけて
3等分の折り筋をつける



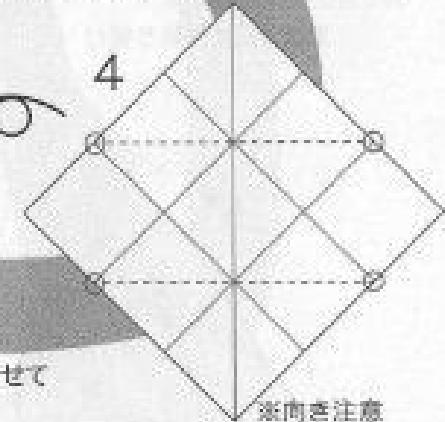
○を基準に横にも
3等分の折り筋をつける



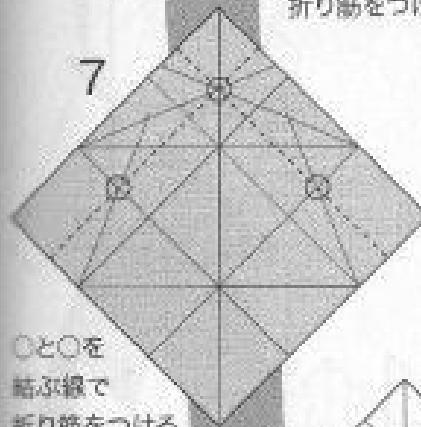
フチを折り筋に
合わせて
折り筋をつける



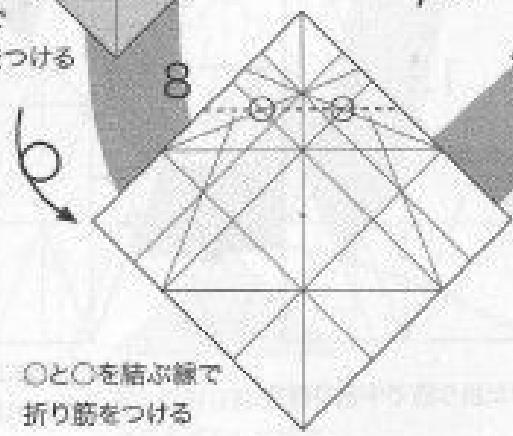
フチを折り筋に合わせて
折り筋をつける



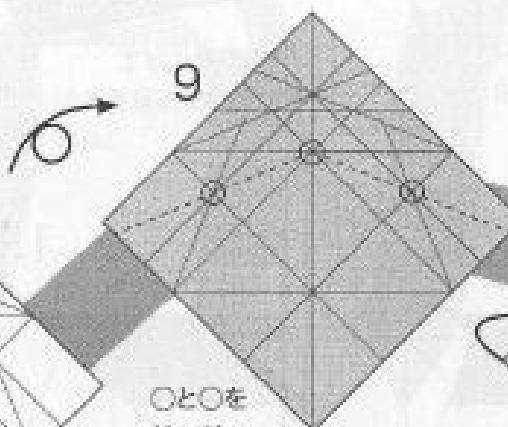
注意
○と○を結ぶ線で
折り筋をつける



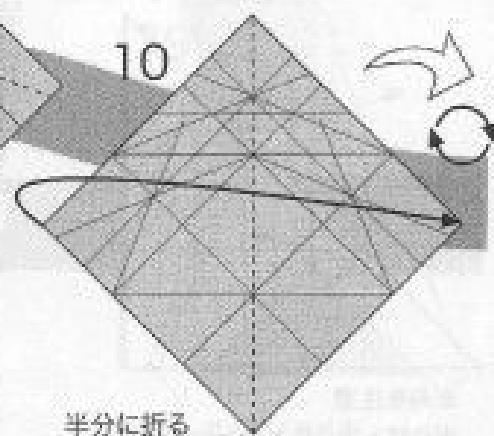
○と○を
結ぶ線で
折り筋をつける



○と○を
結ぶ線で
折り筋をつける

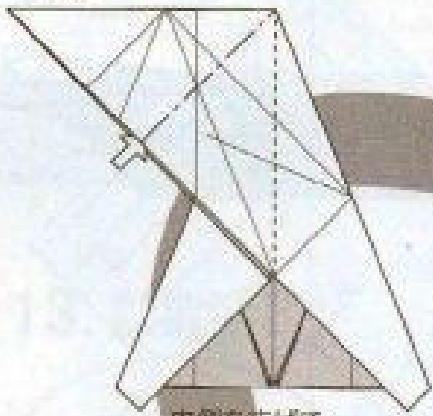


○と○を
結ぶ線で
折り筋をつける

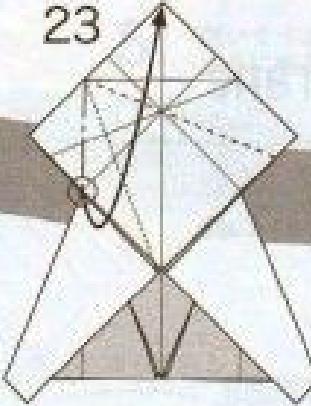


半分に折る

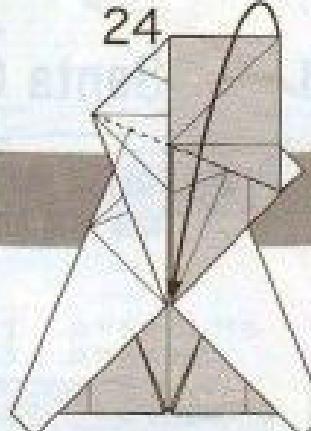
22



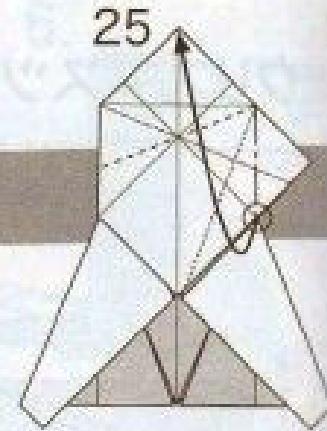
23



24



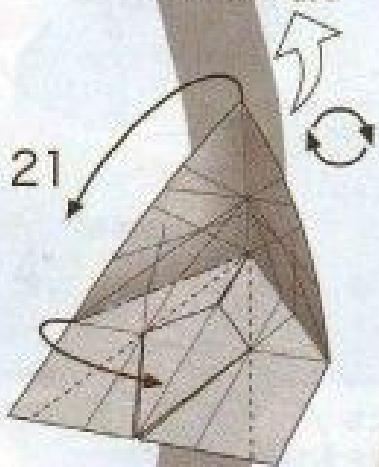
25

内側を広げて
つぶすように折る○を頂点に合わせて
広げてつぶすように折る

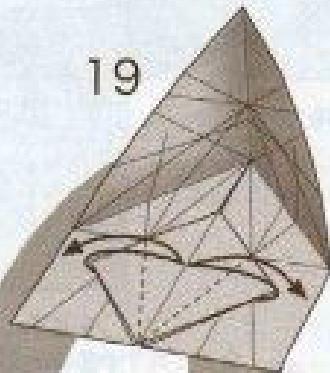
下に折る

23と同じように折る

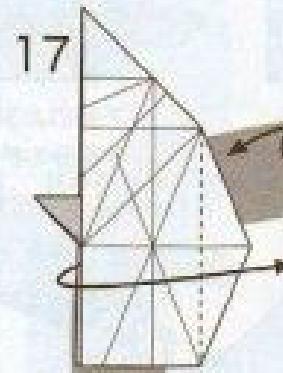
21



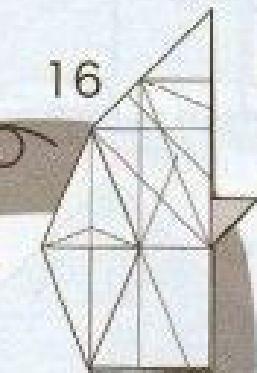
19



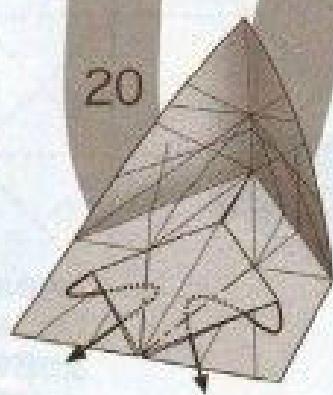
17



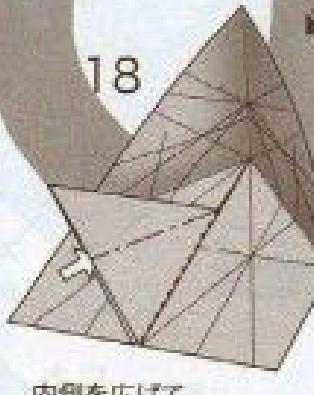
16



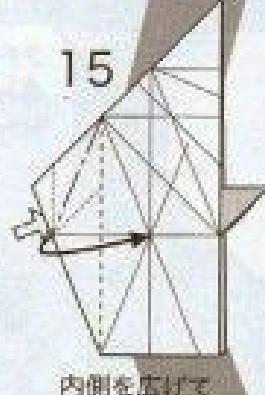
20



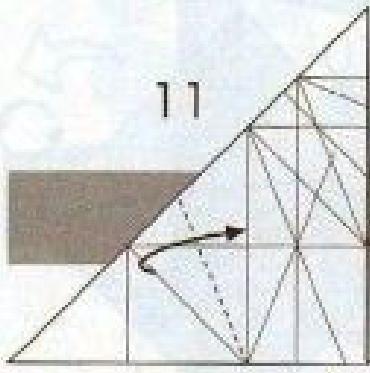
18



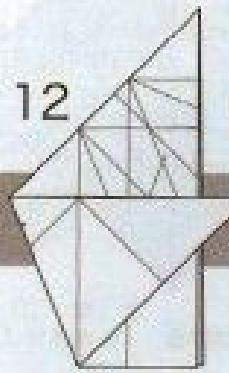
15

内側を広げて
つぶすように折る

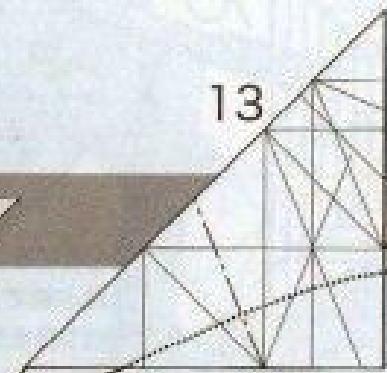
11



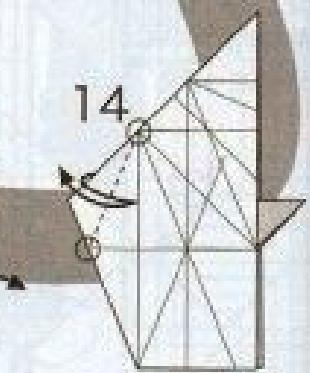
12



13



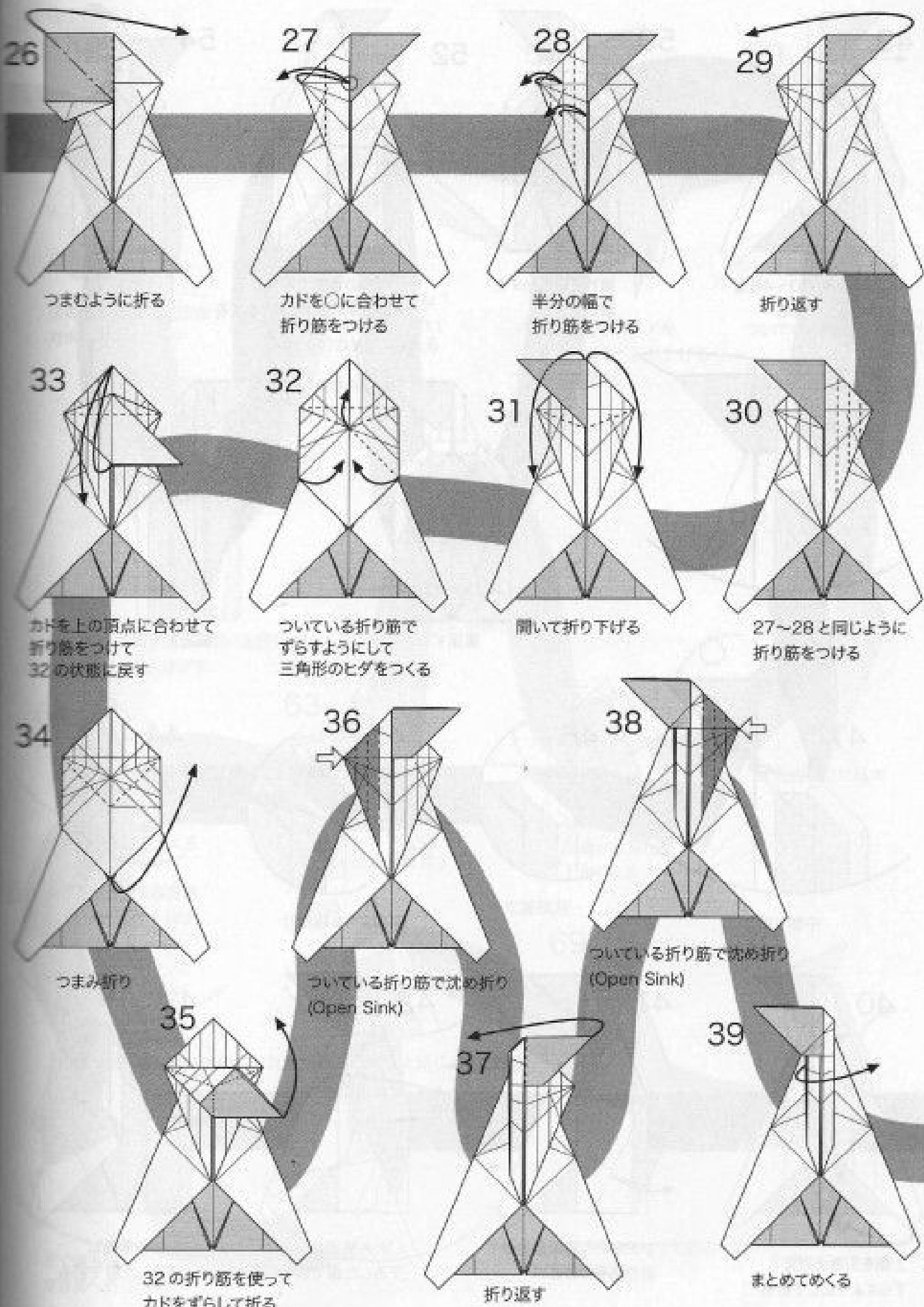
14

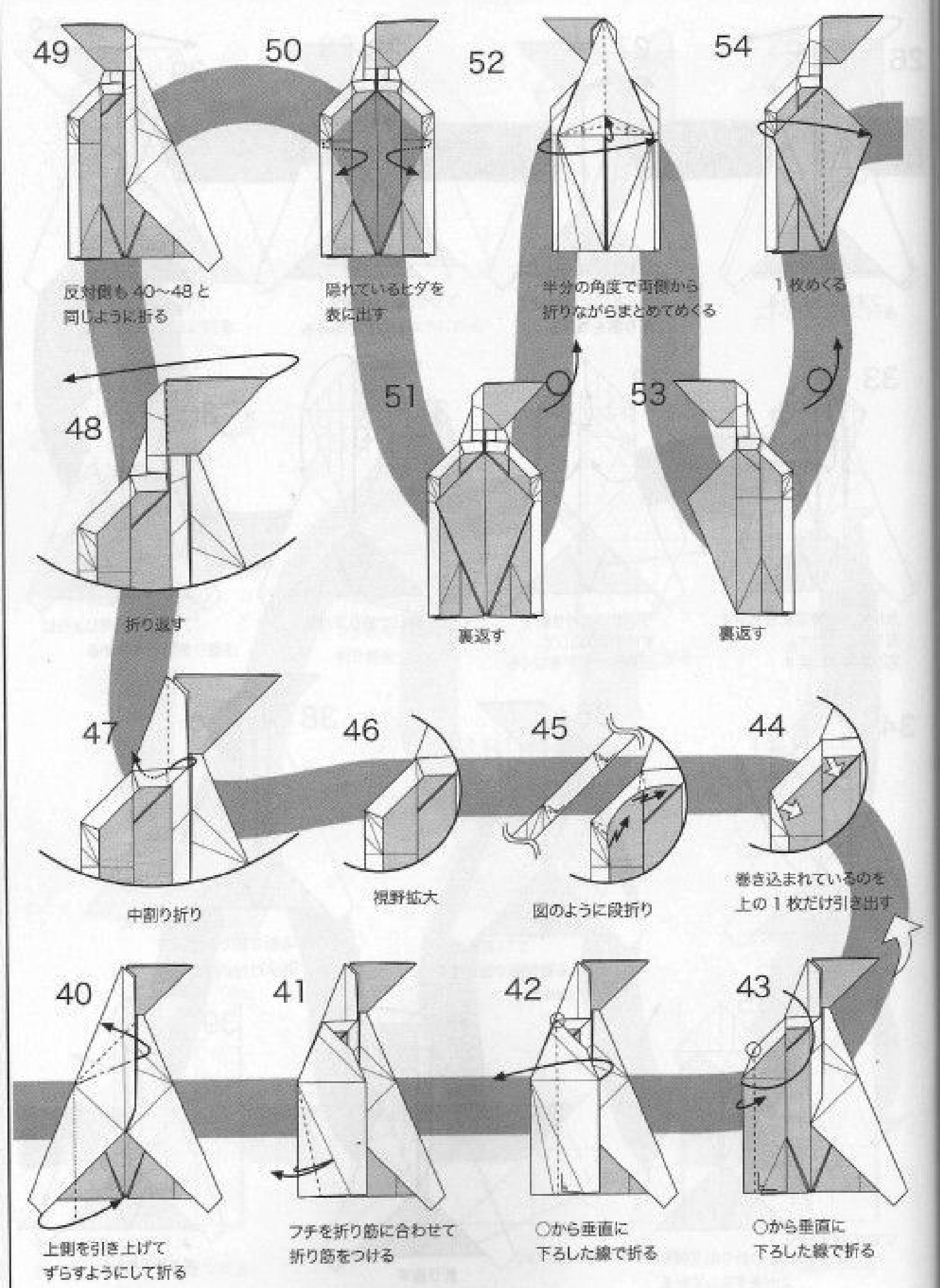
糸向き注意
折り筋と折り筋を合わせて折る

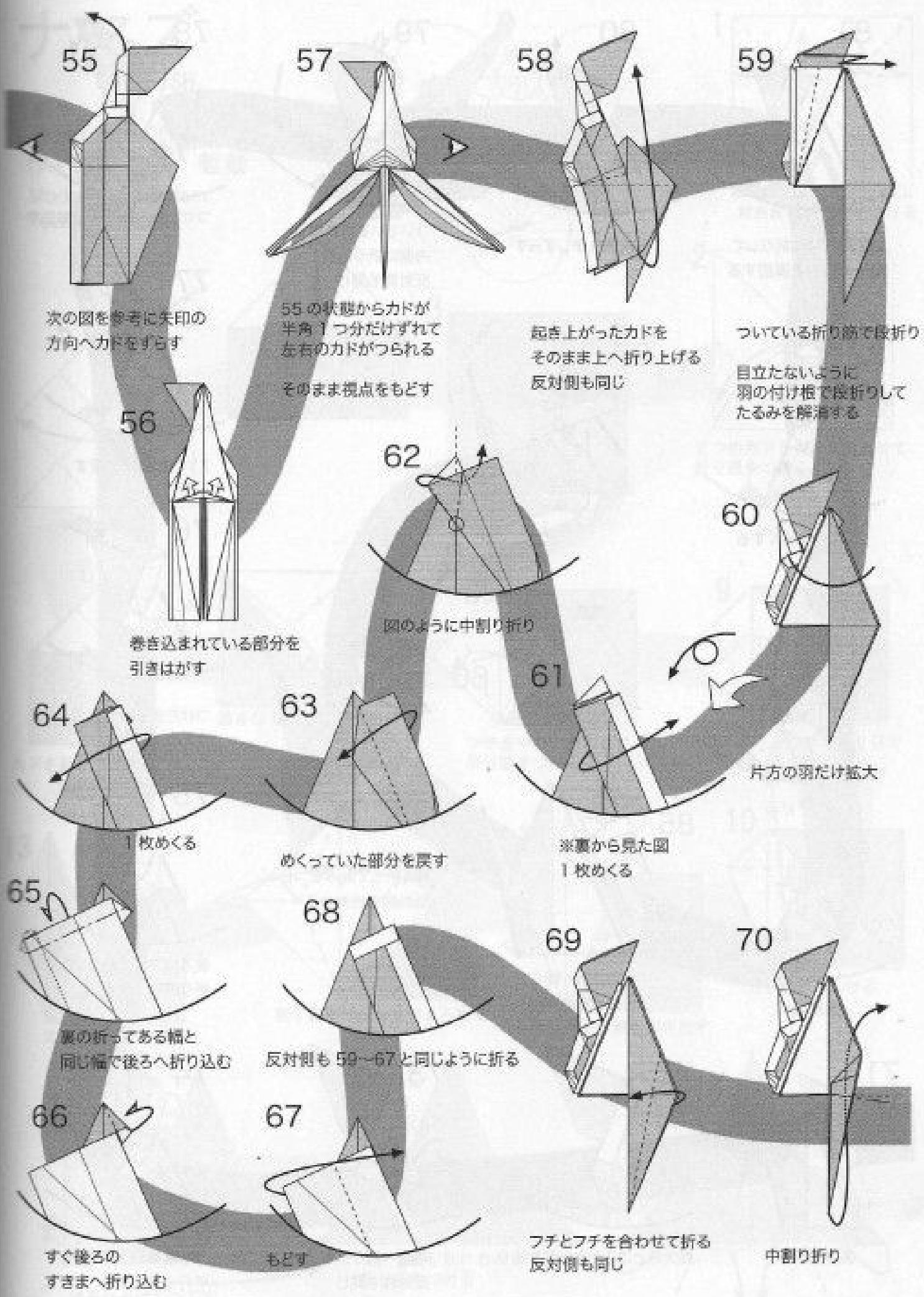
戻す

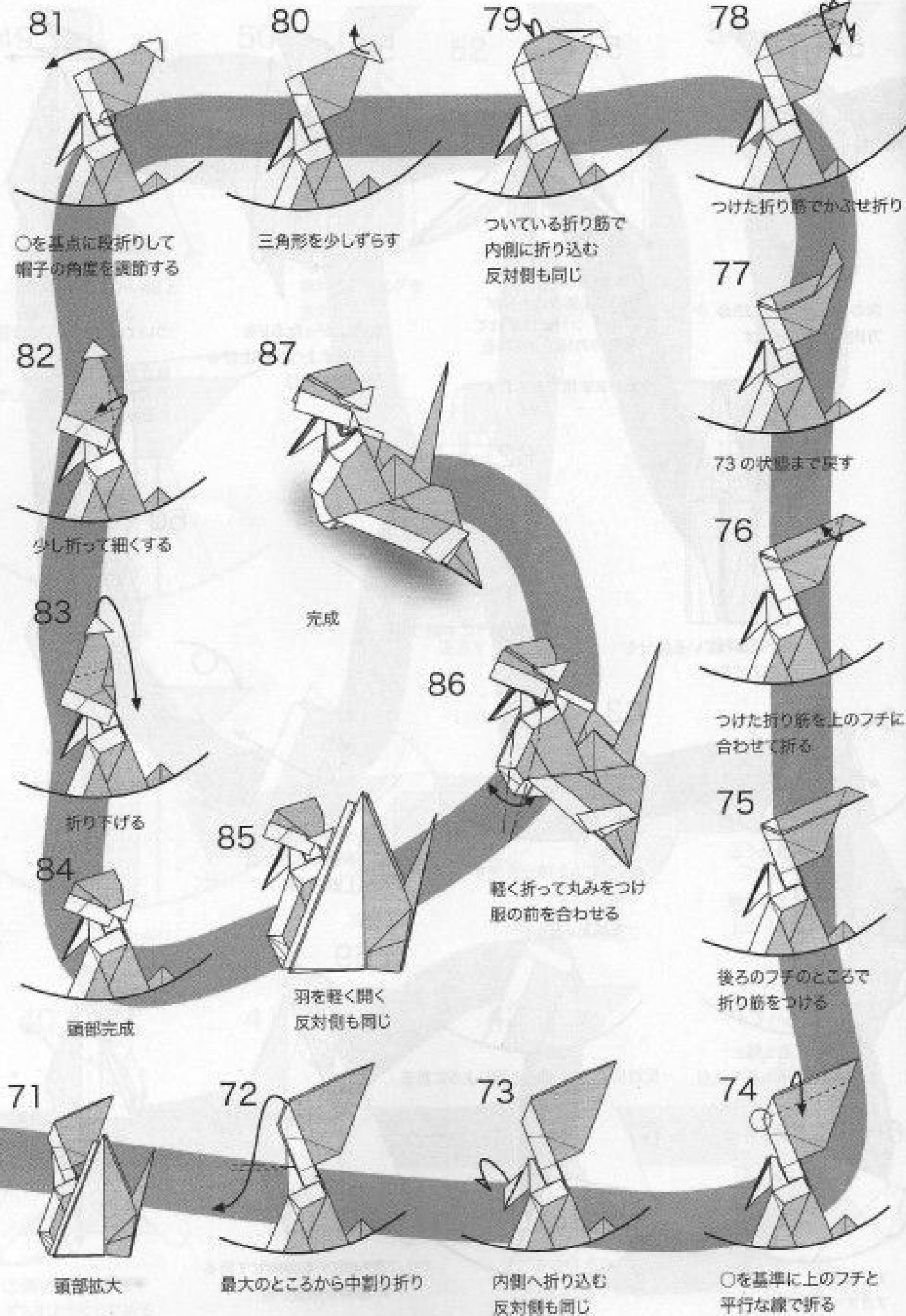
つけた折り筋で中割り折り

○と○を結ぶ線で
折り筋をつける









ナマズ

CAT FISH

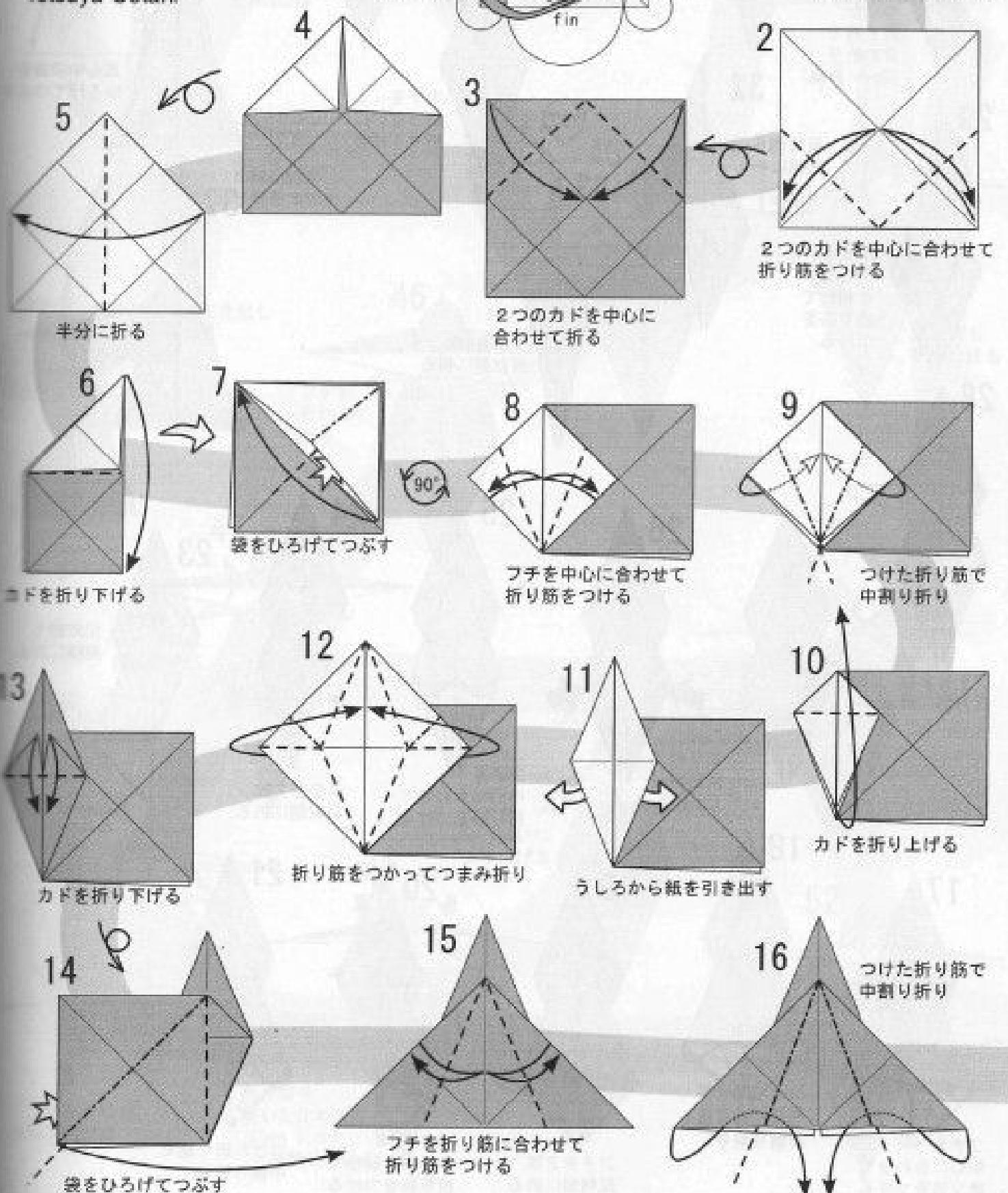
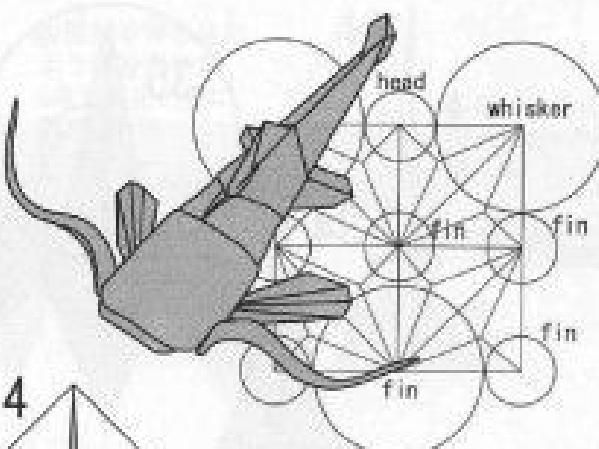
創作 : 2014/11/04

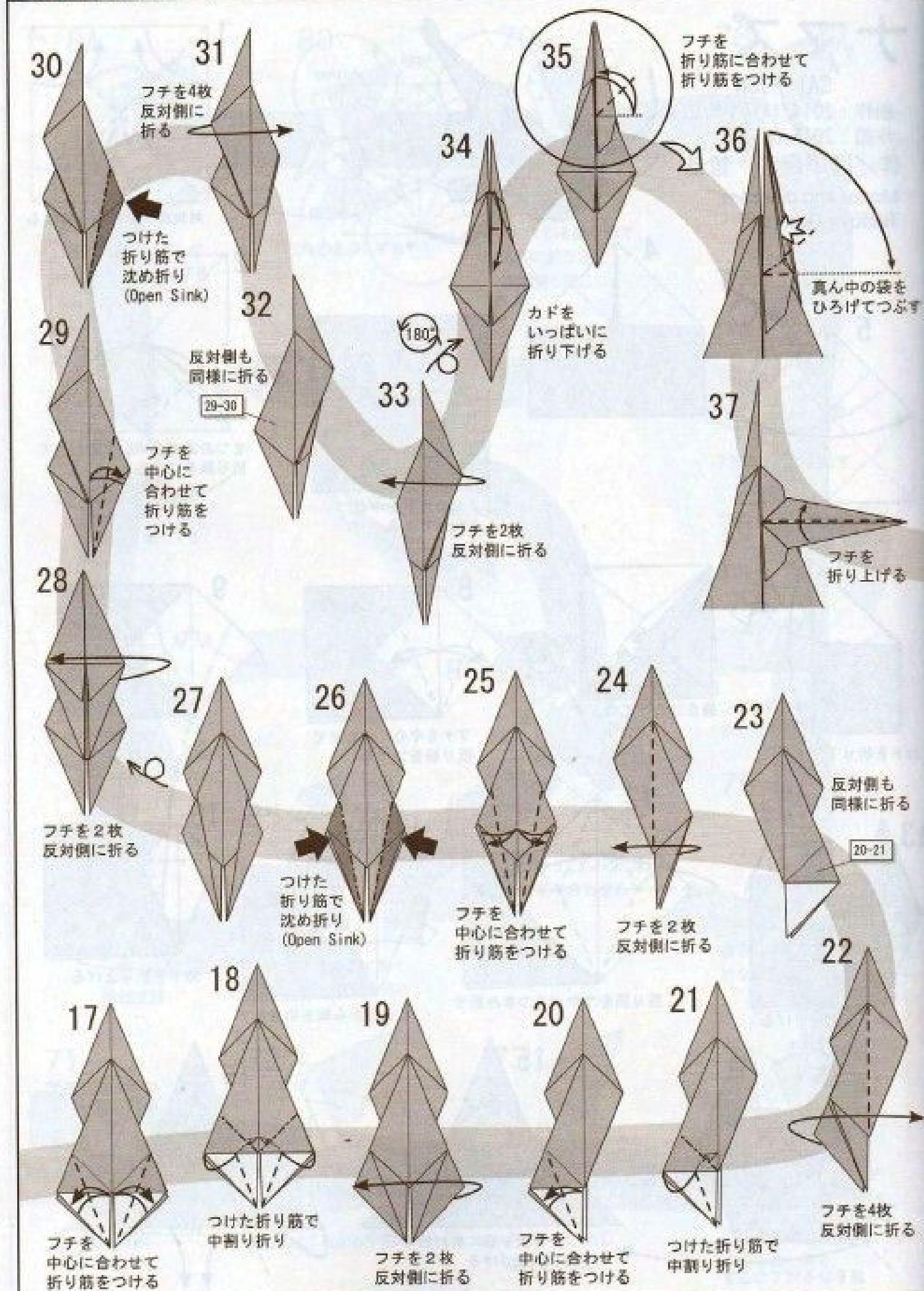
作図 : 2015/06/22

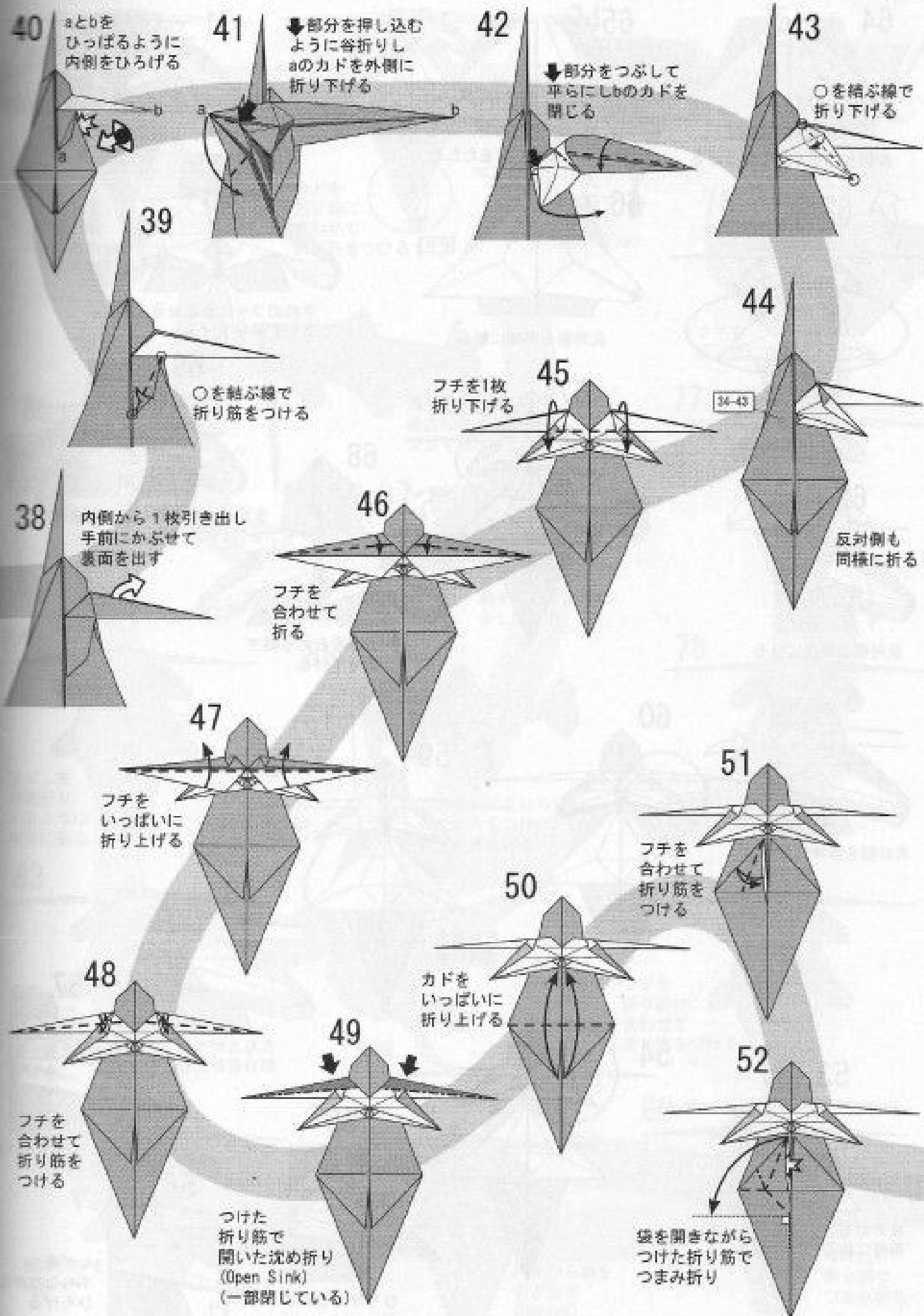
作／図：合谷 哲哉

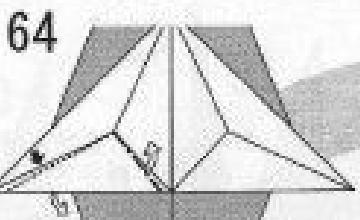
Model and diagram:

Tetsuya Gotani

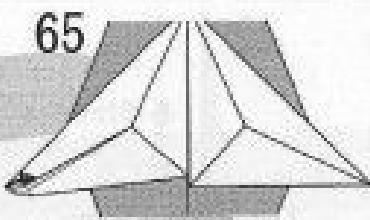




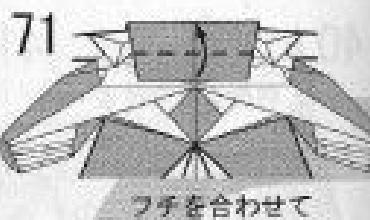
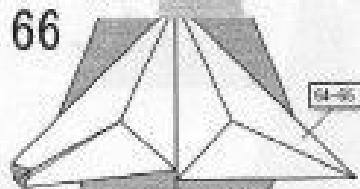
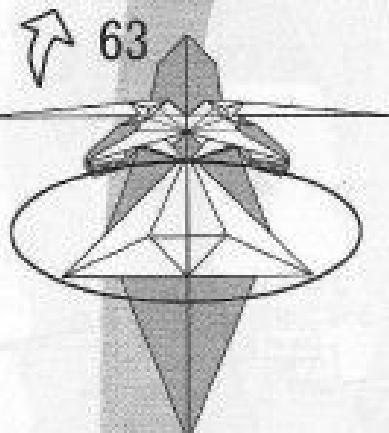




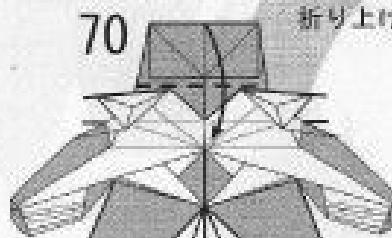
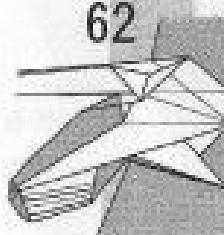
山折りをずらしてひろげる



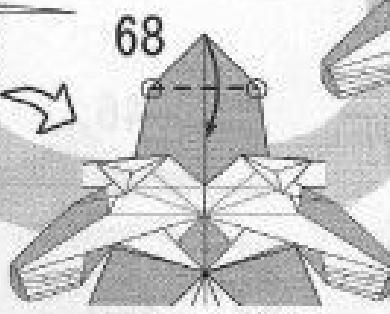
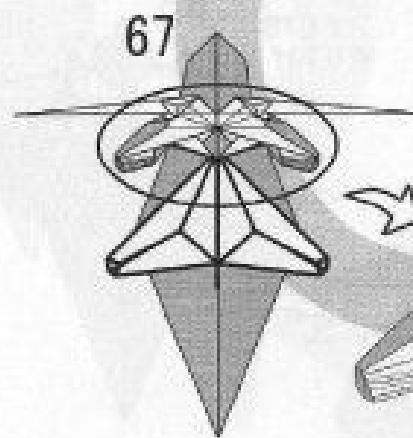
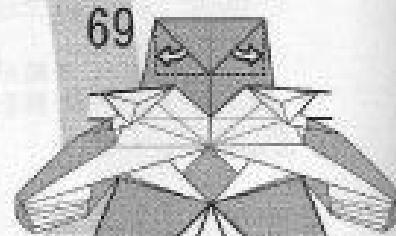
立ち上がった部分をたたむ

フチを合わせて
折り上げる

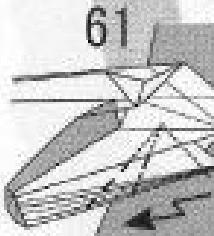
反対側も同様に折る

手前のフチにかぶせるように
フチを折り下げる

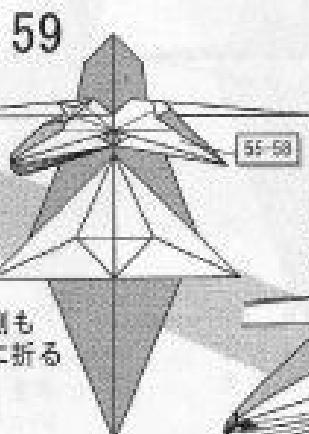
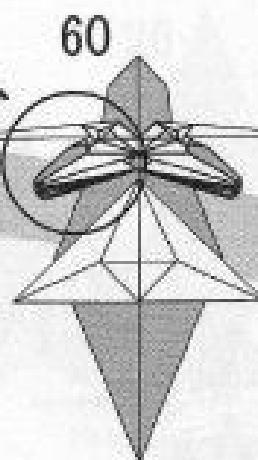
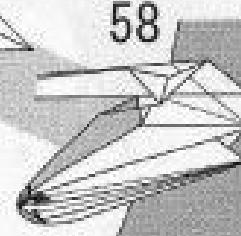
反対側も同様に折る

カドをとおる線で
折り下げる

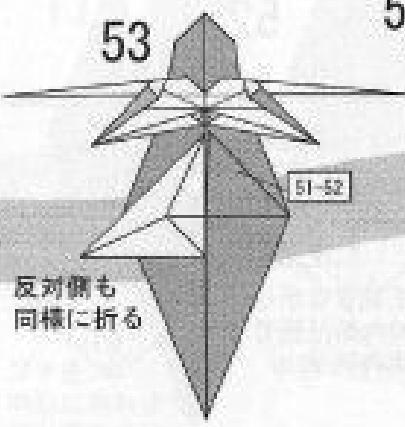
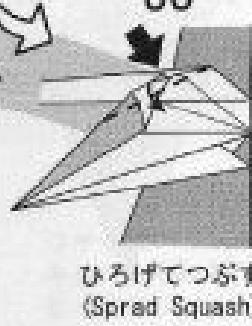
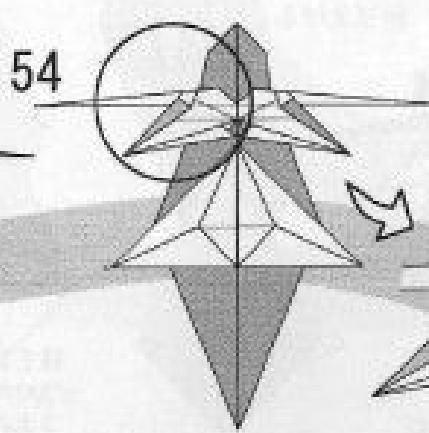
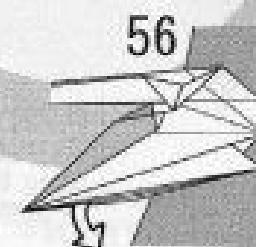
内側から紙を引き出す

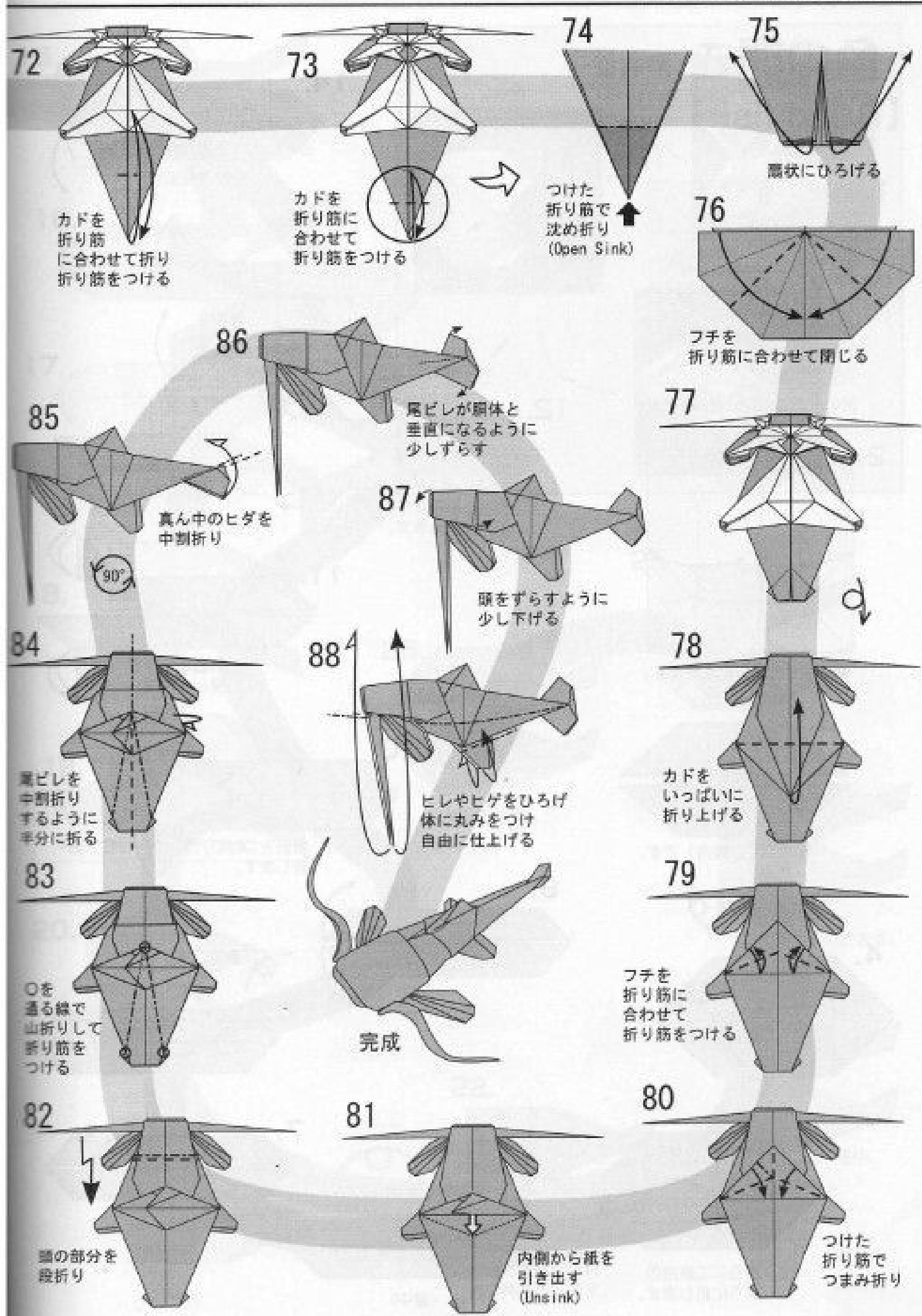


次の図を参考に段折り

反対側も
同様に折る立ち上がった
部分をたたむ

同様にひろげていく

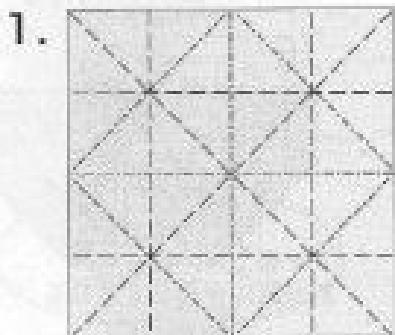
反対側も
同様に折るひろげてつぶす
(Spread Squash)ヒダを
ずらしながら
ひろげる



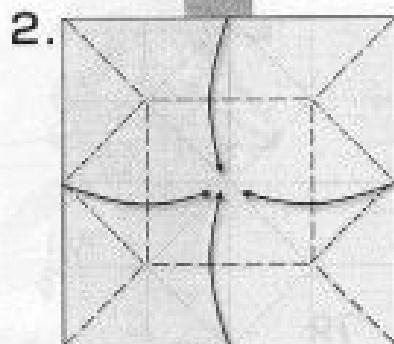
魚の開き

芦村俊一

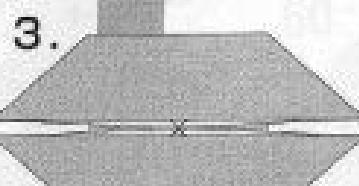
【Dried fish】 Ashimura Shun'ichi



図のよう、折筋を付けます。

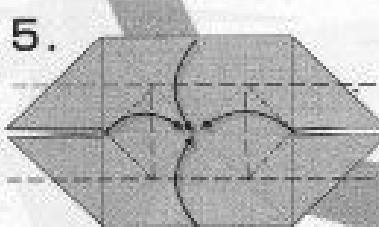
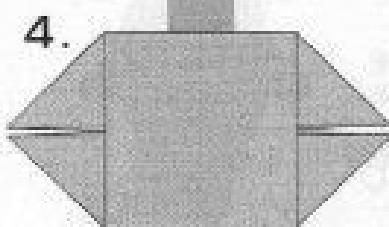


図のよう、折りたたみます。



伝承の「二艘舟」です。

裏返します。 ↪



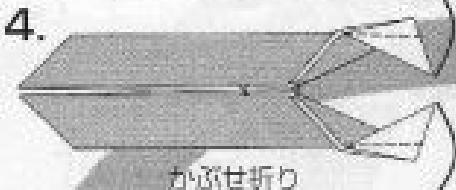
さらに二艘舟
の
よ
う
に
折
り
ま
す。

12.



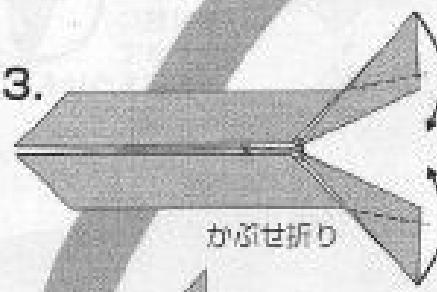
折筋をつけて
戻します。

14.



かぶせ折り

13.



かぶせ折り

11.



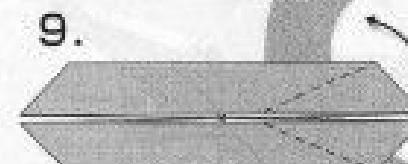
折筋をつけて
戻します。

10.



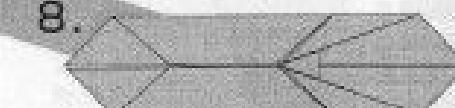
折筋をつけて
戻します。

9.

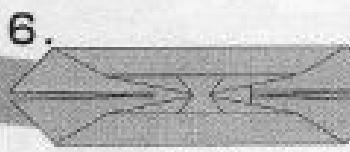


裏返します。 ↪

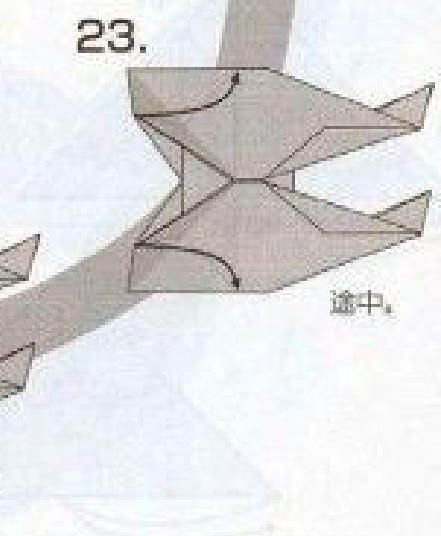
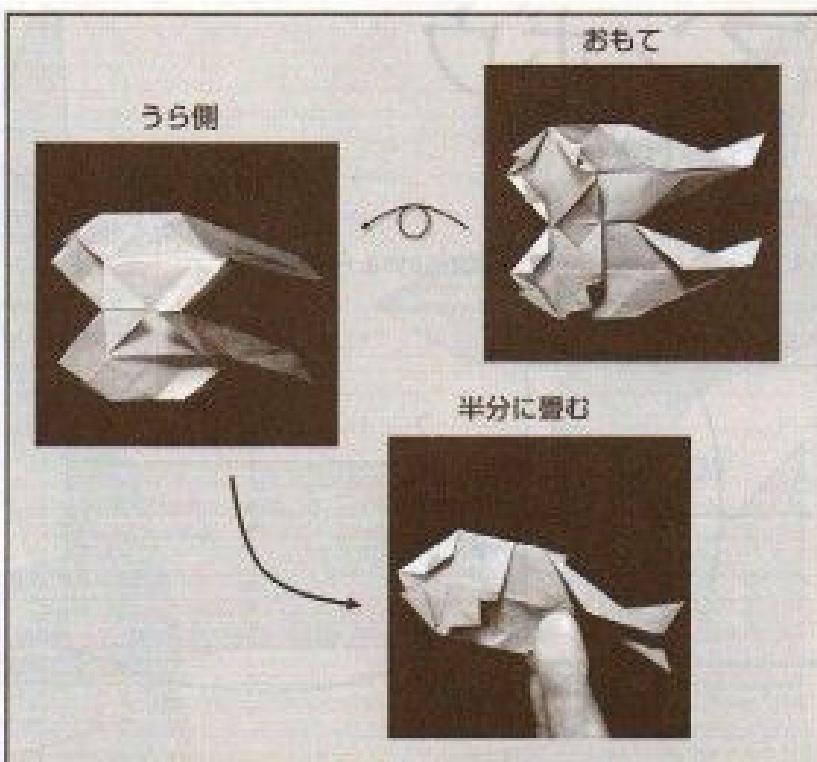
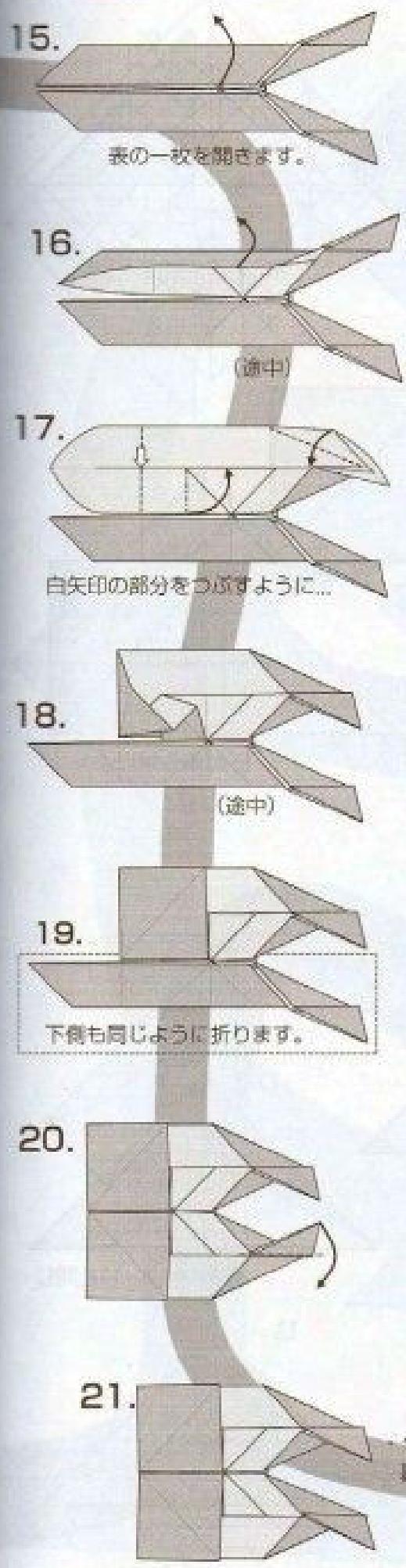
7.



6.



(途中)

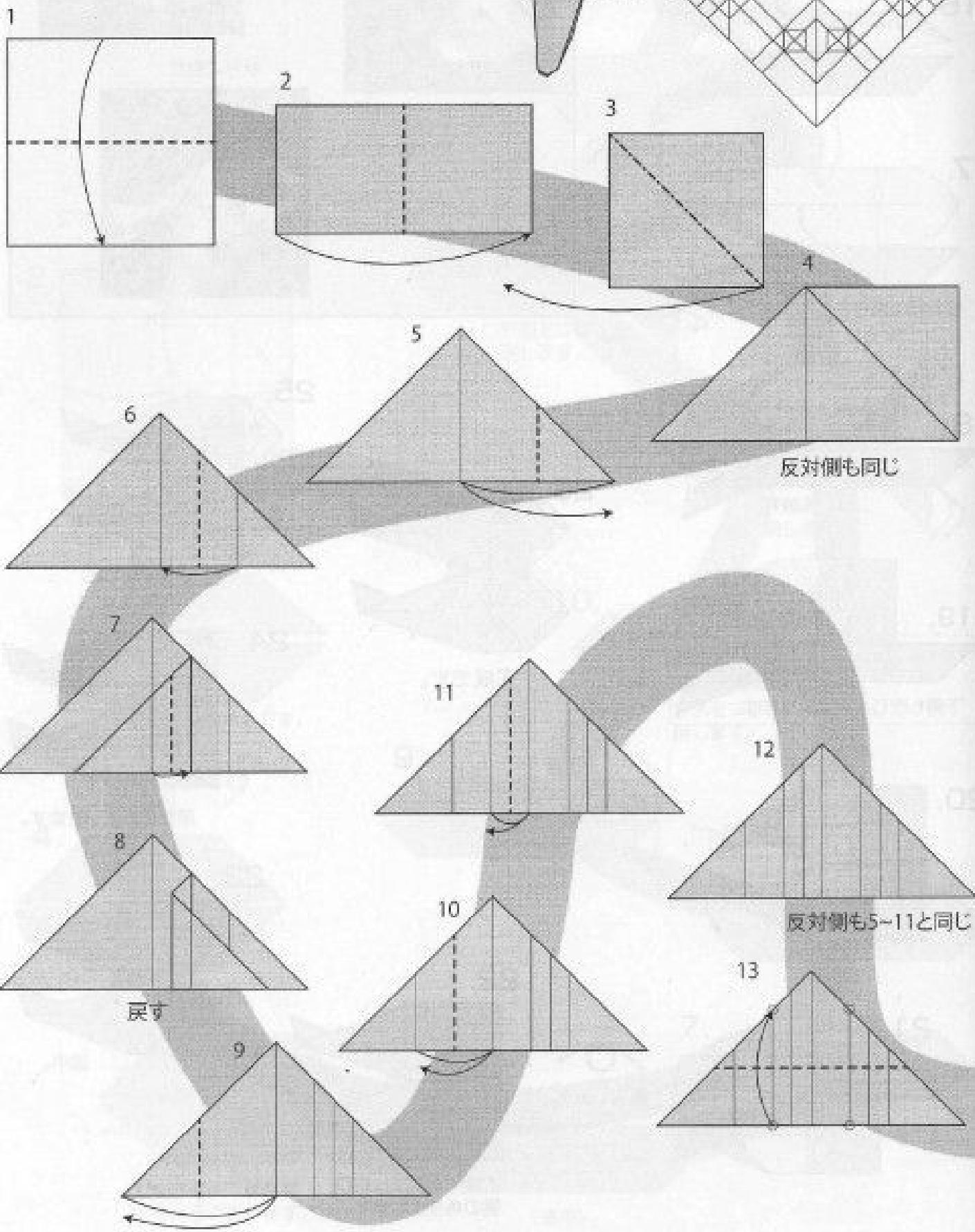
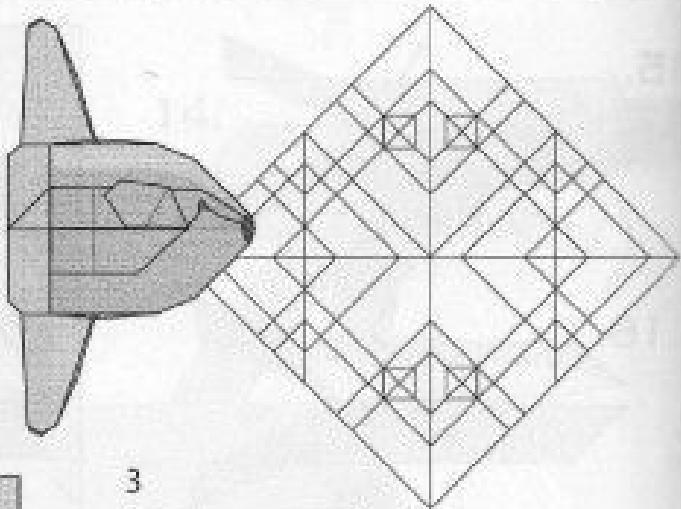


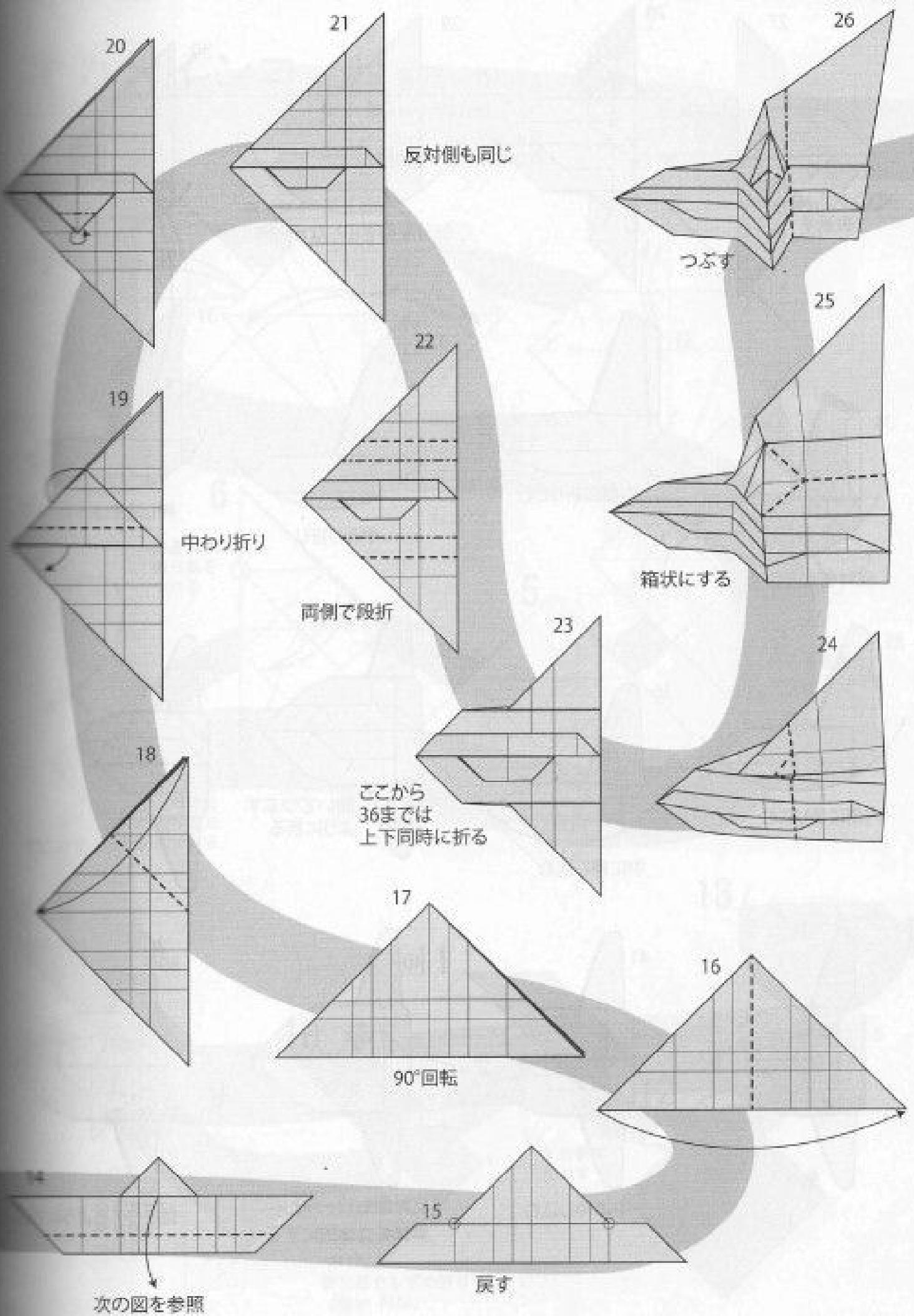
マンボウ

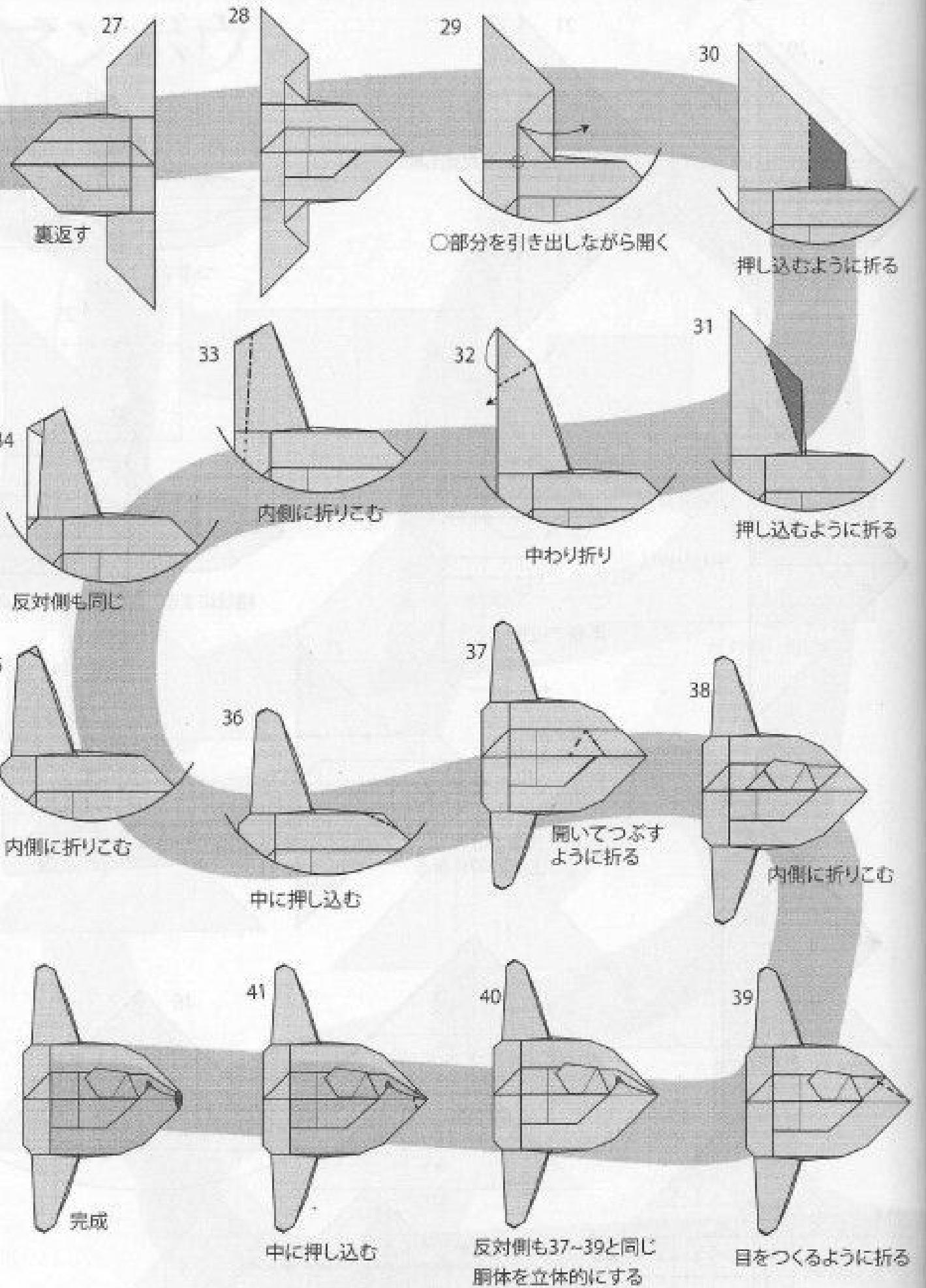
Mola

作・図 森澤碧人

Model and Diagrams Morisawa Aoto





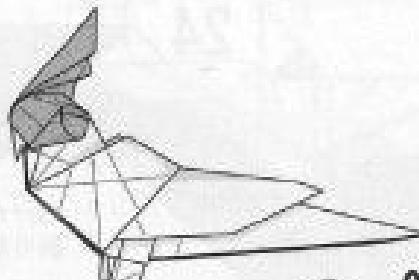


オカメインコ

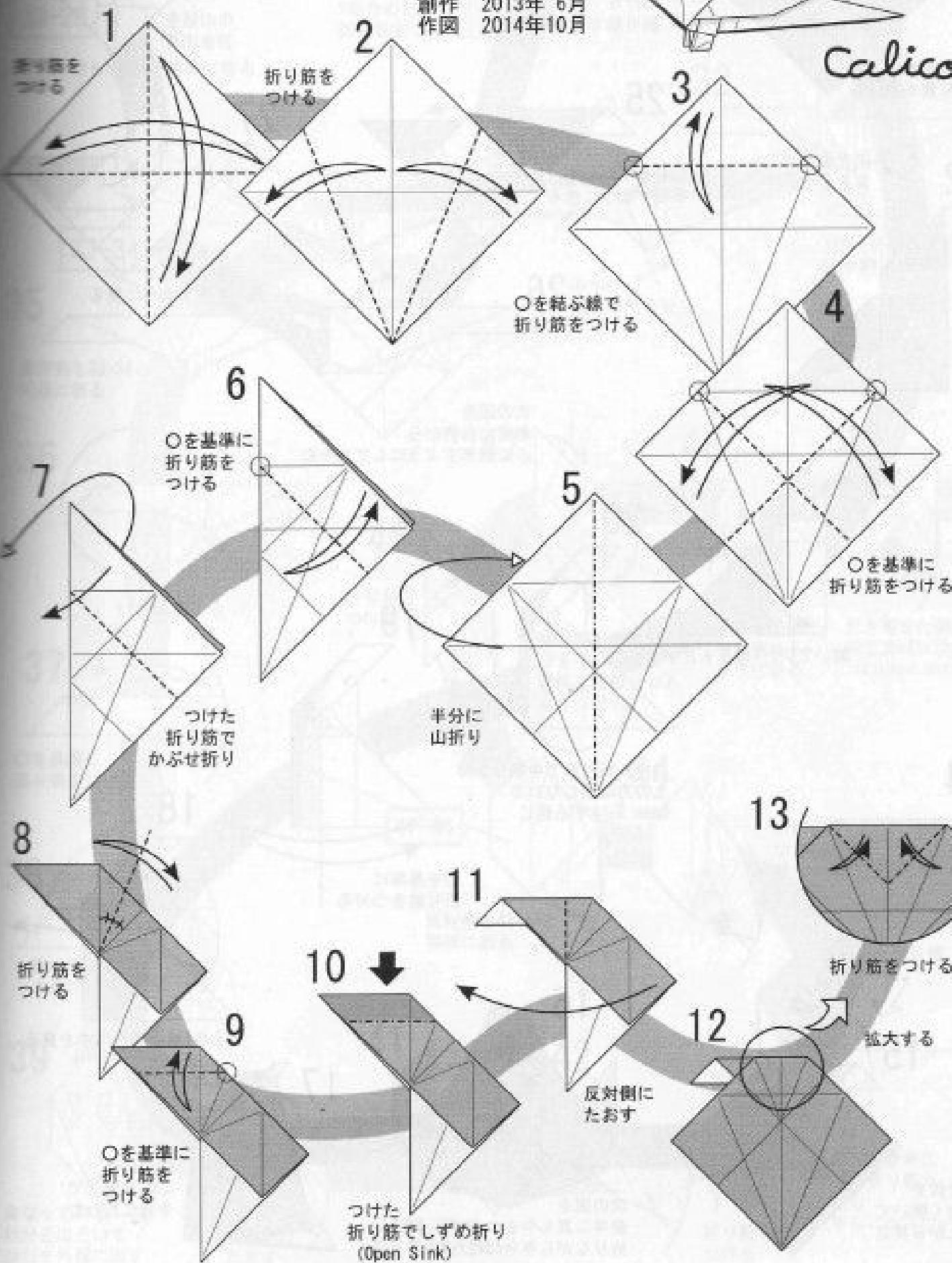
各務 均

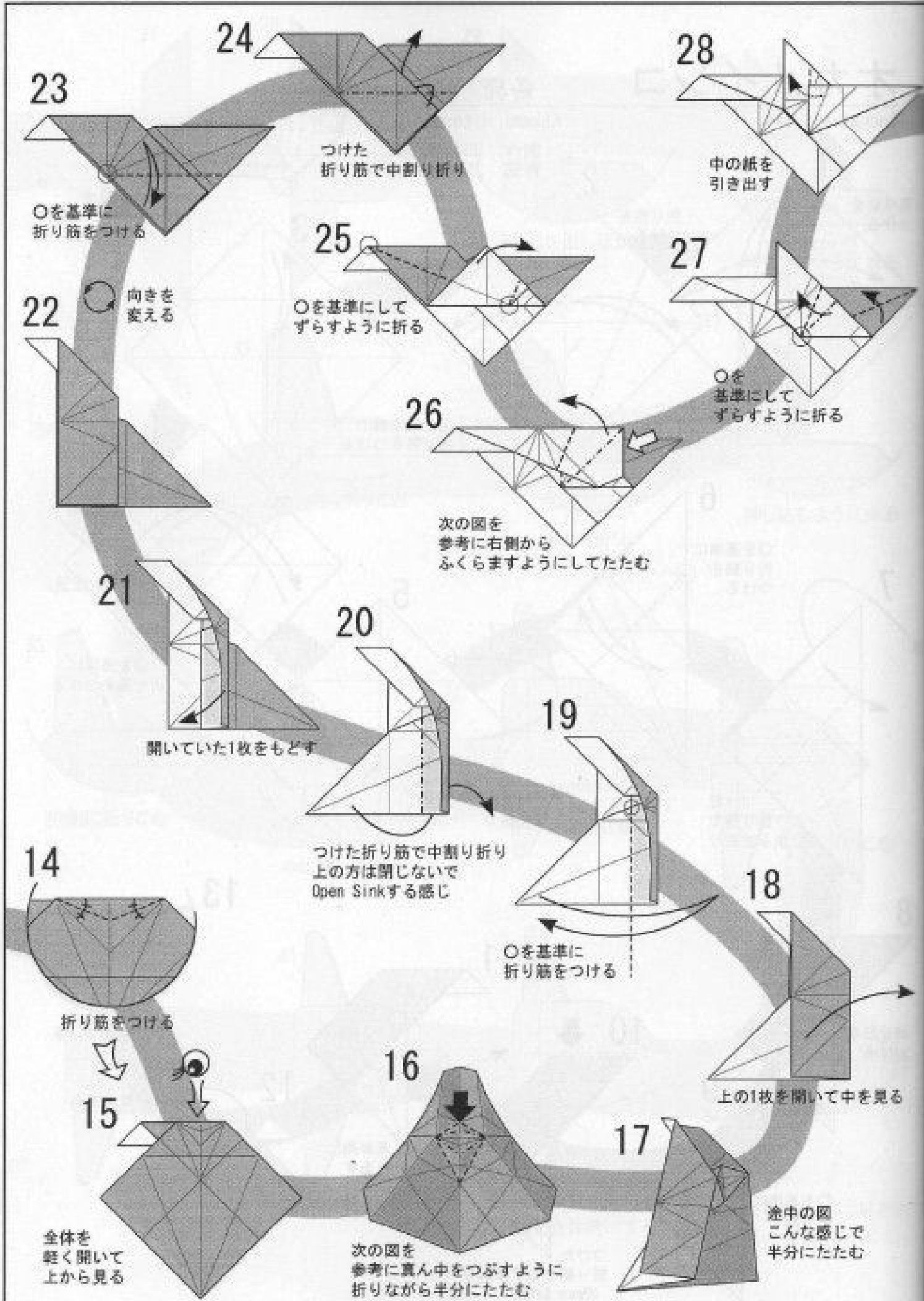
Cockatiel

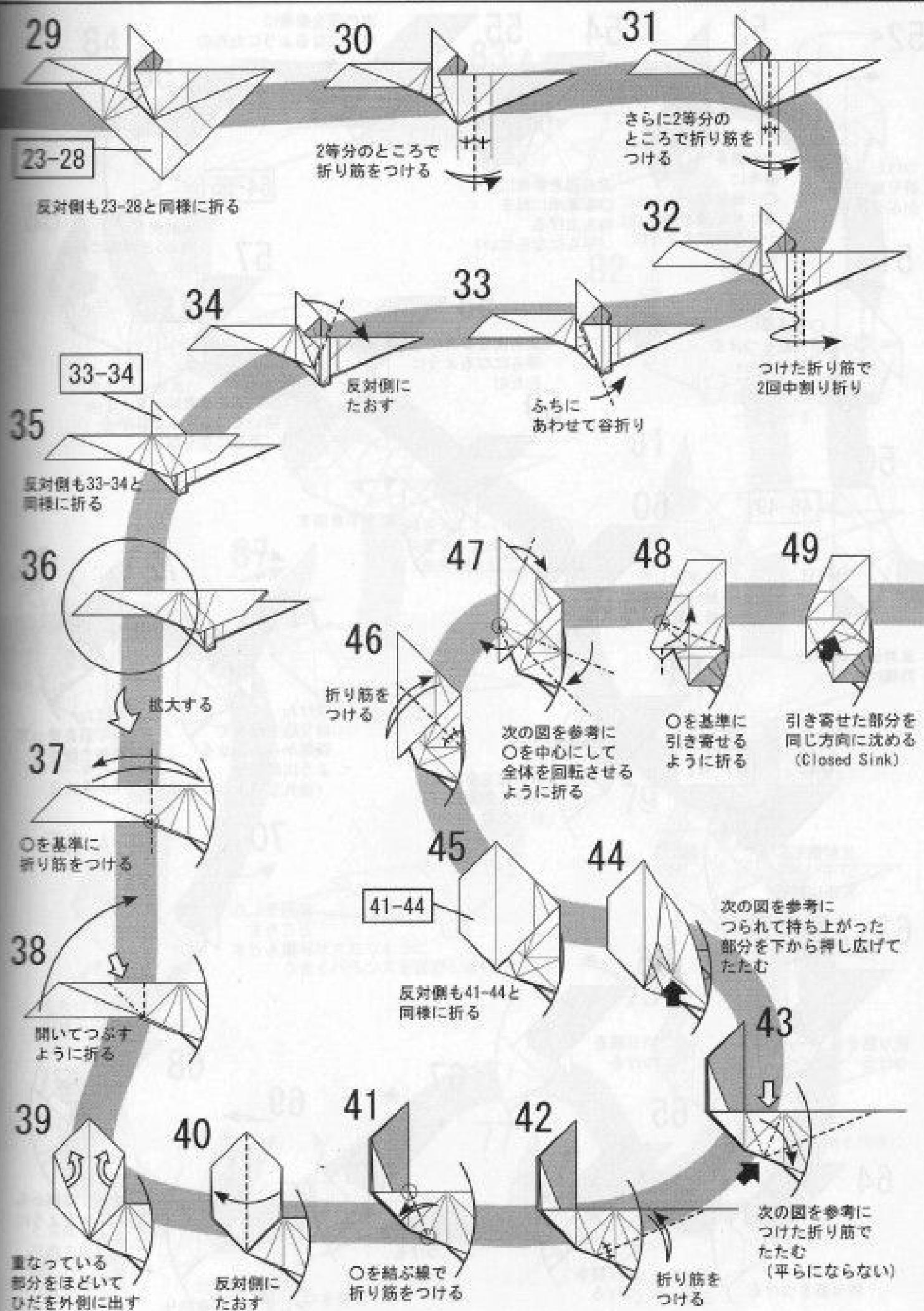
Kakami Hitoshi

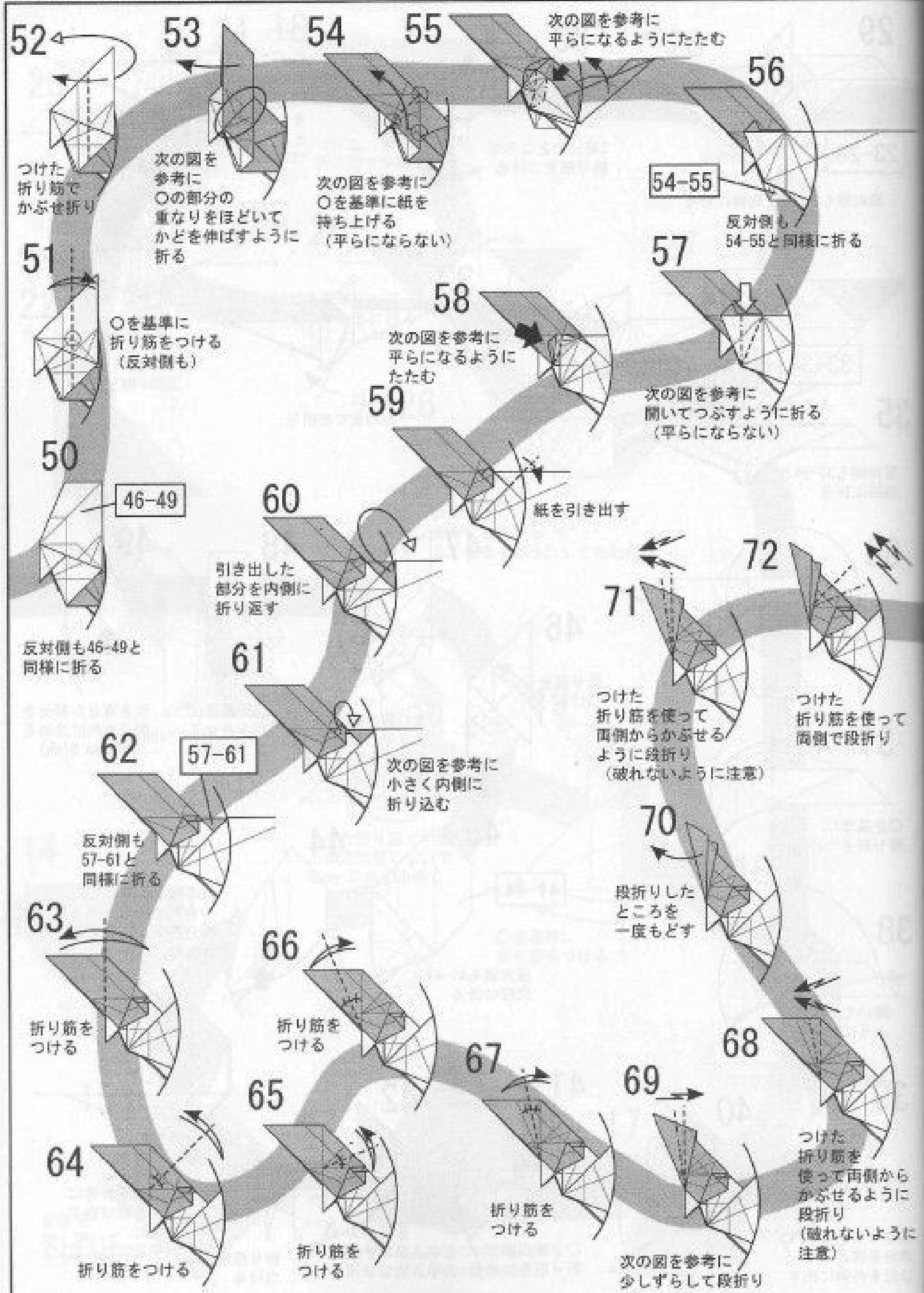
創作
作図 2013年6月
2014年10月

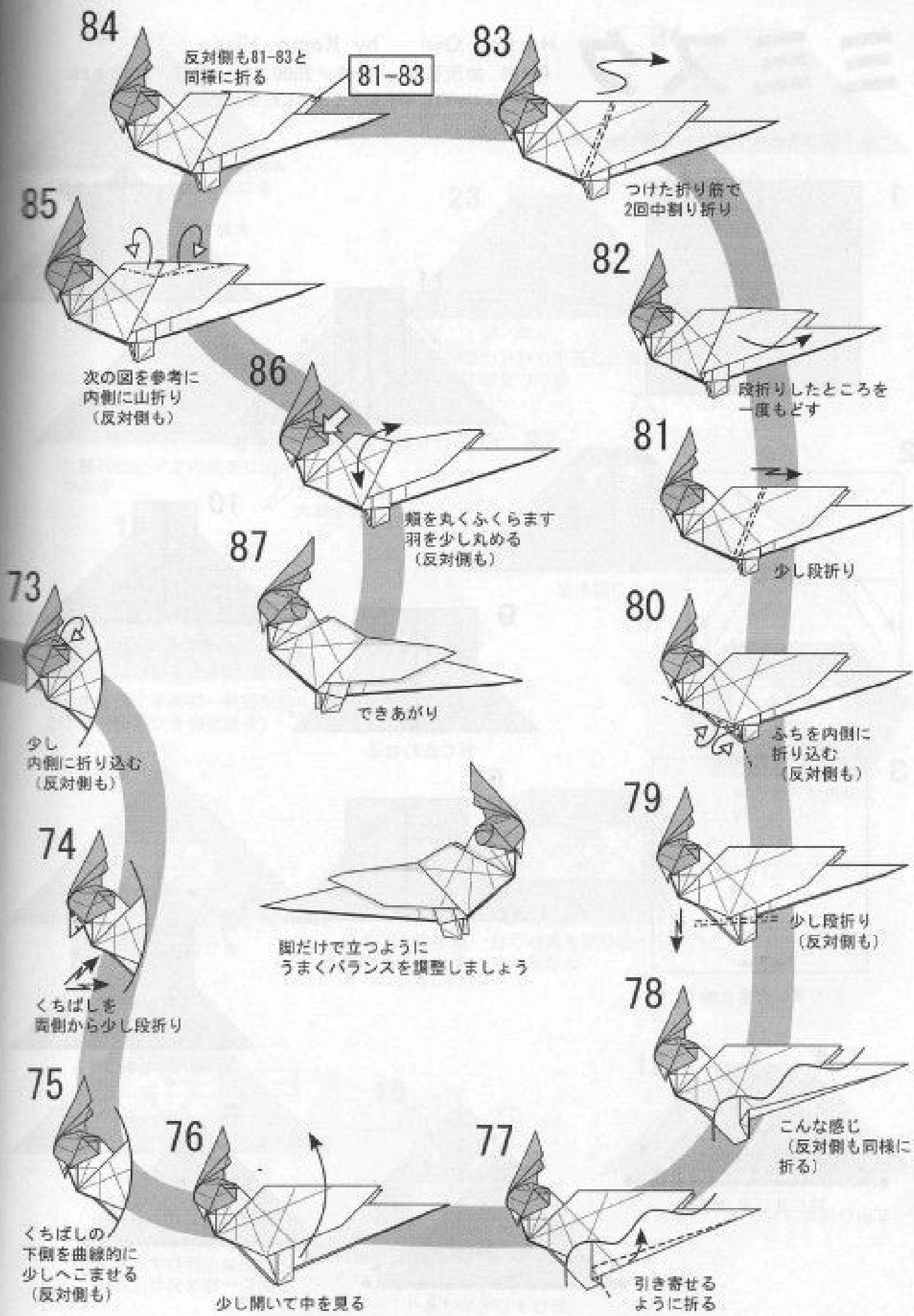
Calico











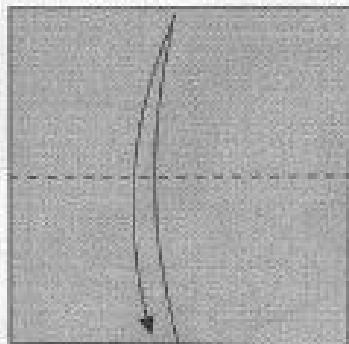
ミミズク

Horned Owl by Kamo Hiroo

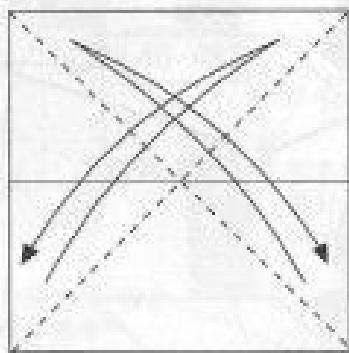
作・図 加茂弘郎 創作／2000.4.9 改訂／2013.6.23
旧作「ふくろう」に手を加えて改名した作品です。

※ 紙の色面を手前にして折り始める

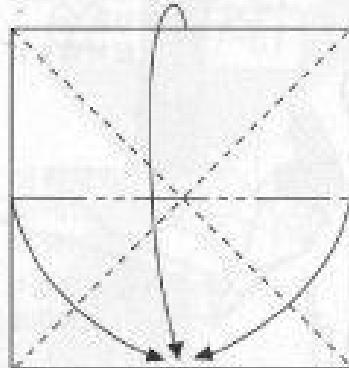
1



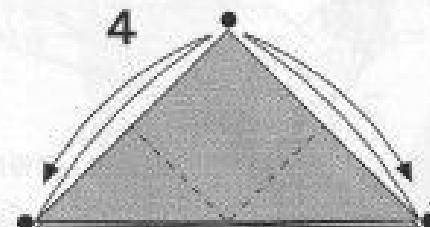
2



3



4

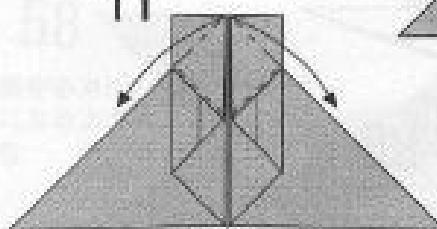


Horned Owl by Kamo Hiroo

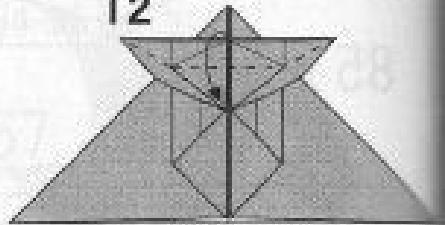
作・図 加茂弘郎 創作／2000.4.9 改訂／2013.6.23

旧作「ふくろう」に手を加えて改名した作品です。

11

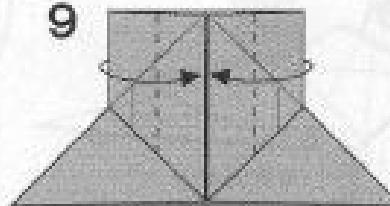


12

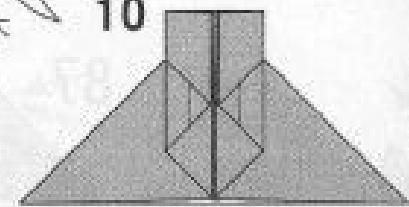


図を拡大

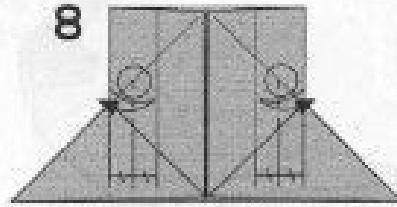
9



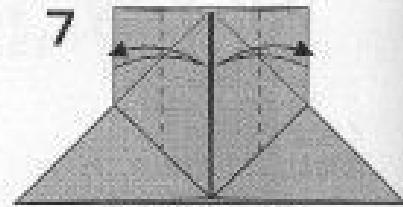
10



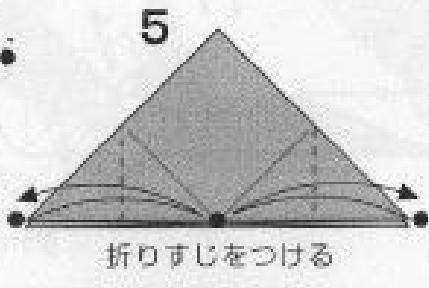
8



7

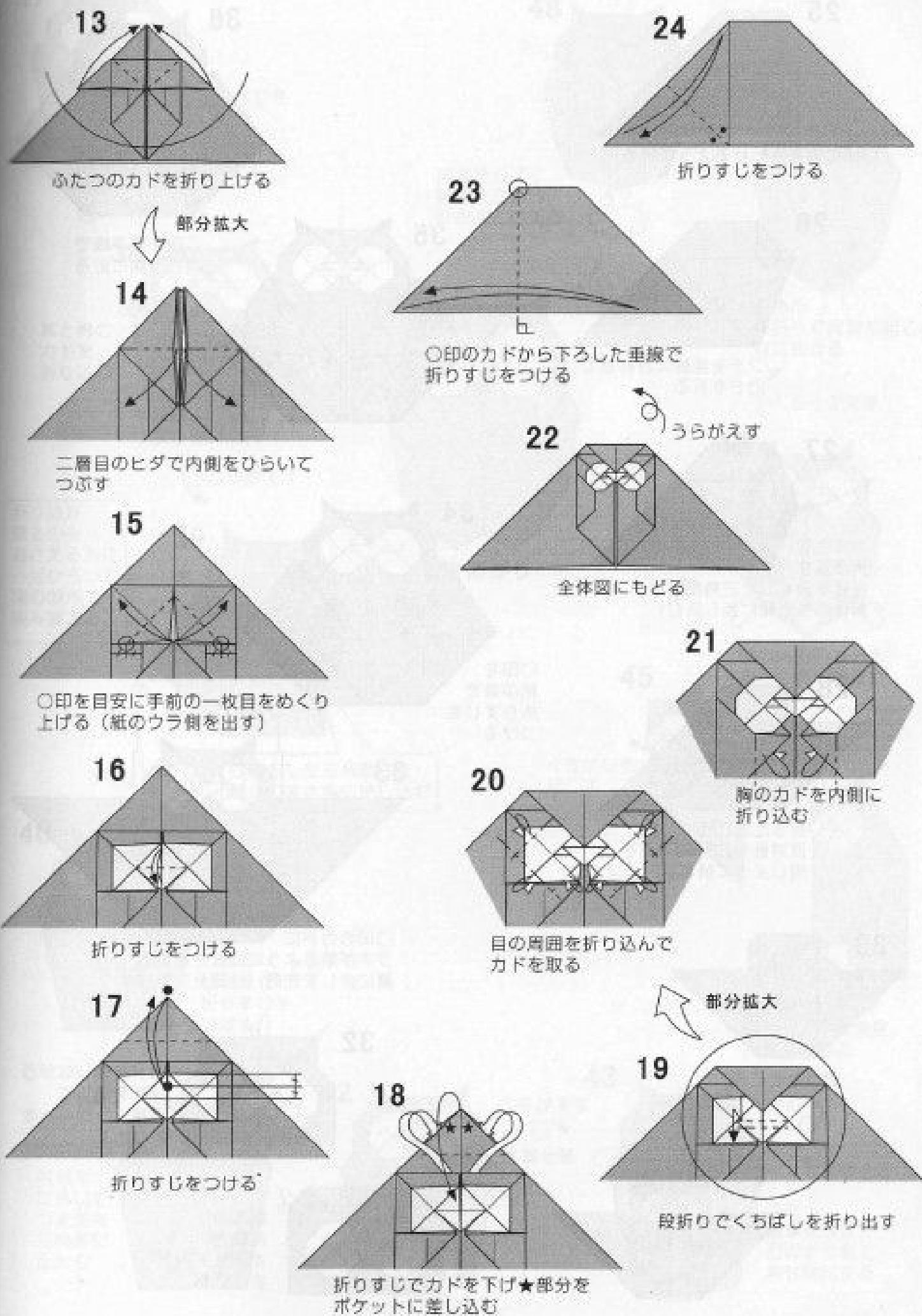


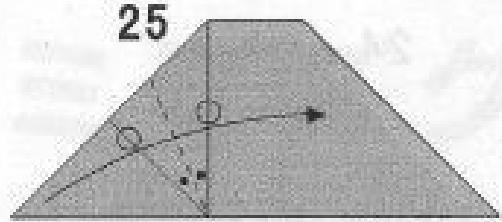
5



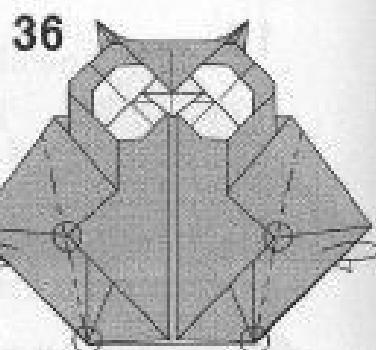
6



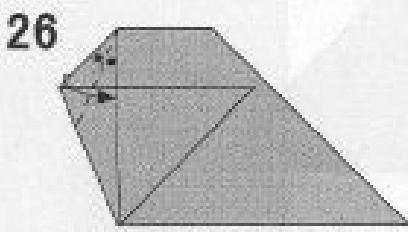




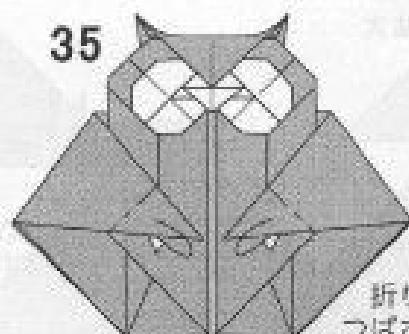
○印の線を合わせるように折る



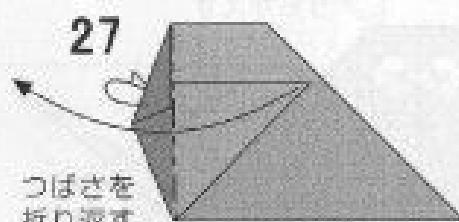
○印を結ぶ線で
向こう側に折る



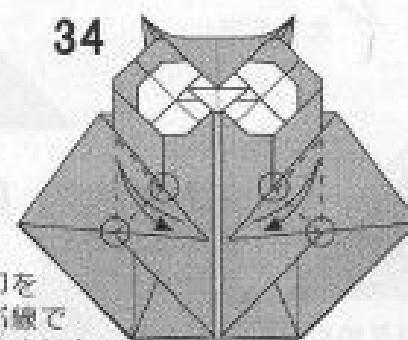
フチを垂線に合わせて
カドを折る



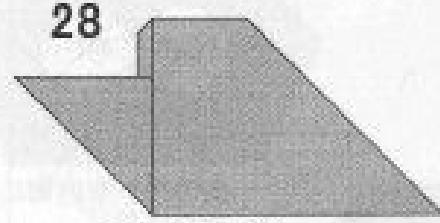
折りすじで
つばさの先端を
内側に折り込む



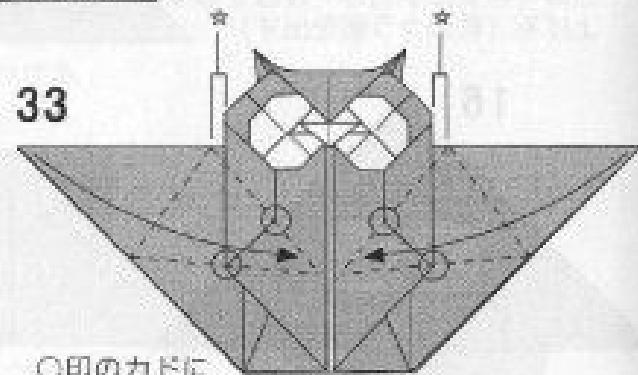
つばさを
折り返す
(色を濃くした三角部分は
胴体のすき間に差し込む)



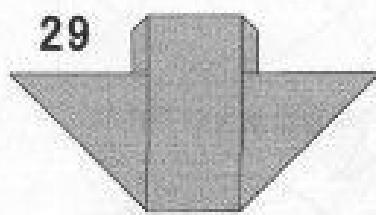
○印を
結ぶ線で
折りすじを
つける



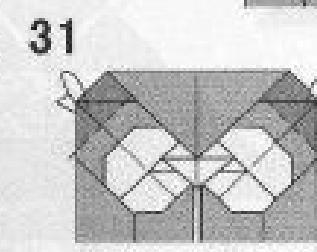
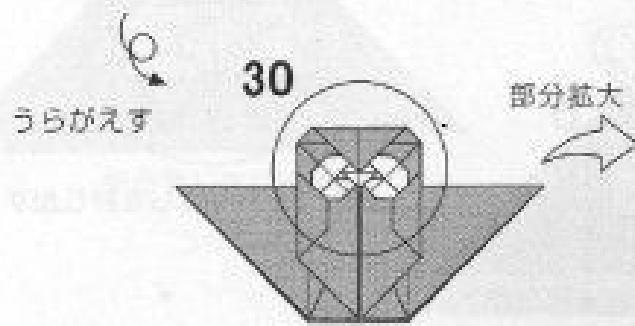
折ったところ
反対側も23~27まで
同じように折る



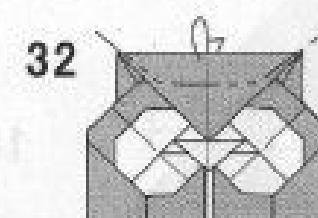
○印のカドに
フチが乗るようにつばさを折る
肩に少しすき間(☆部分)を残す



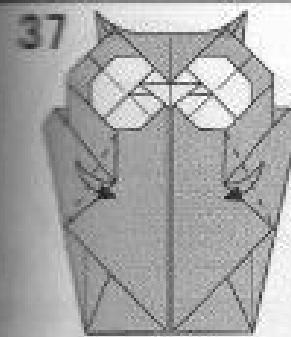
折ったところ



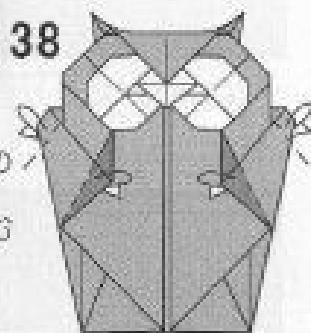
頭部の
両脇を
ポケット内で
折り込む



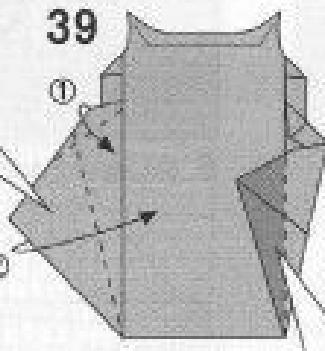
カドを残しながら
フチを倒して
羽角(うかく)を
折り出す



折りすじを
つける



肩と胸の
カドを
折り込む



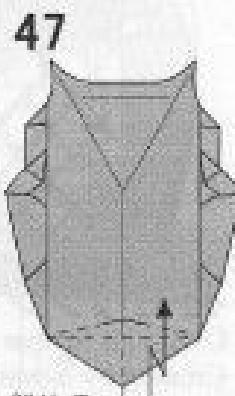
折り目が
戻るのを
あさえる為に
一旦ひらいて
図の順序で
組み替える

①
②

できあがり

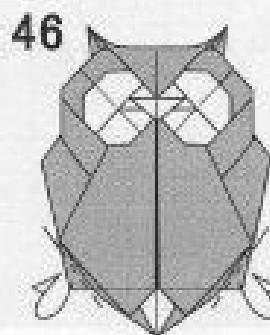
内側を広げて
胴体を立体的にし
形をととのえる

うらがえす

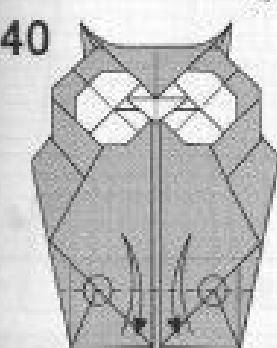


斜めの
段折りで尾羽を起こし
自立させる

うらがえす



脚の両側のカドを
向こう側に折る

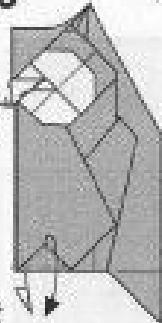


○印を
結ぶ線で
折りすじを
つける

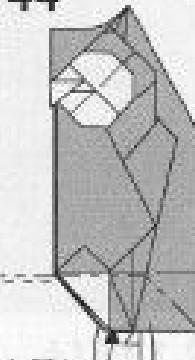
はみ出した三角部分を
胴体のすき間に差し込む

くちばしを
起こす

つま先を
折り下げる



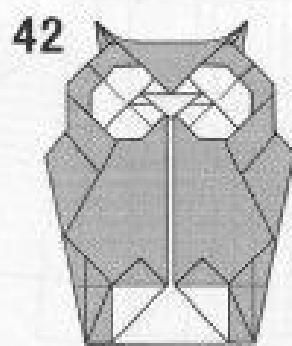
44



尾羽を残し
脚から下の部分を
内側に収める



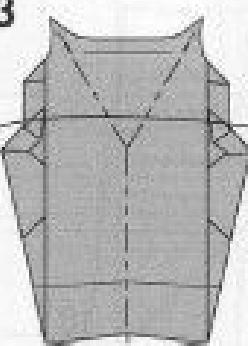
内側を
ひらいて
つま先を
三角形に
たたむ



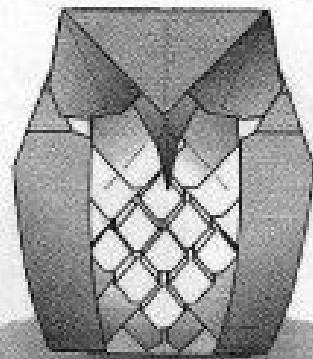
うらがえす

折ったところ

43



底から
胴体を広げて
図の折り筋で
角柱状にする



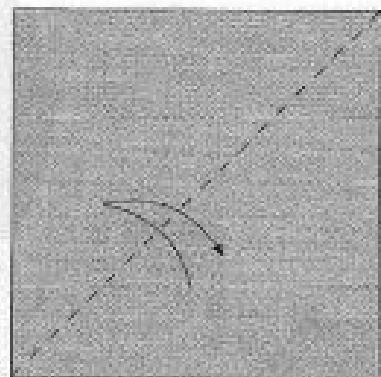
羽毛付フクロウ

Owl with feather

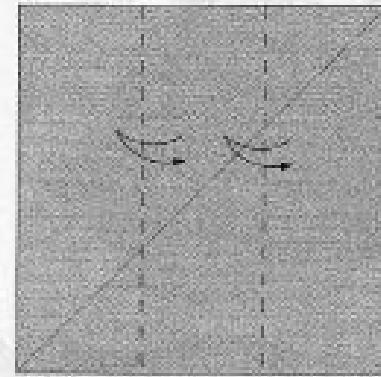
Created by Yoshio Tsuda

12 October 2014

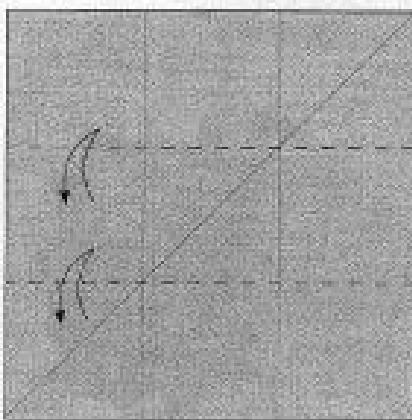
Diagramed 28 February 2015



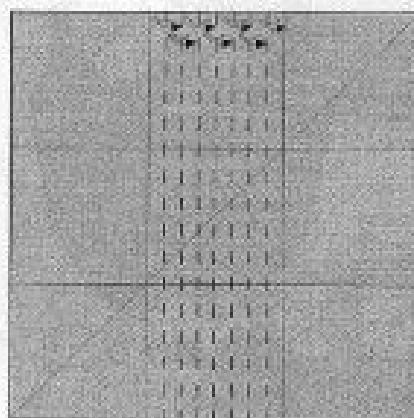
1.



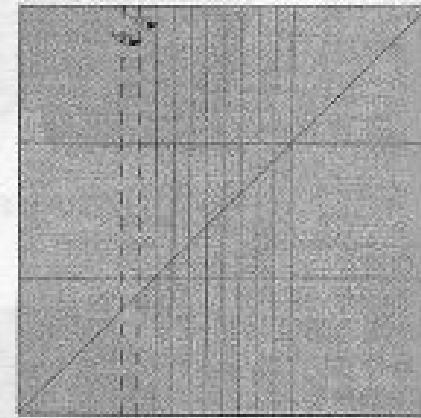
2. 三等分する。



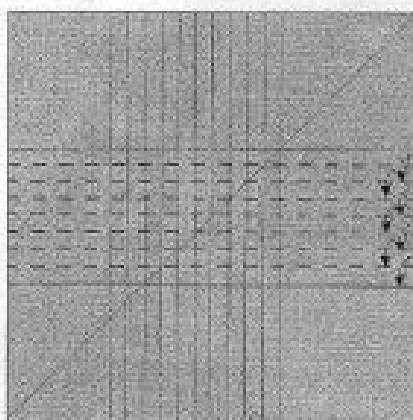
3.



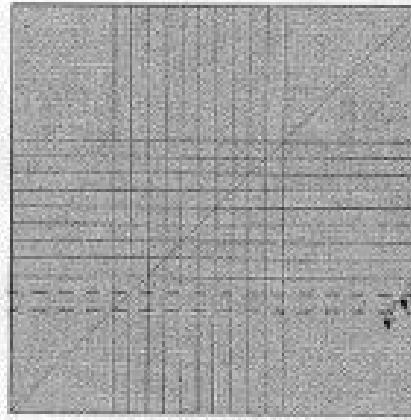
4. 8等分する。



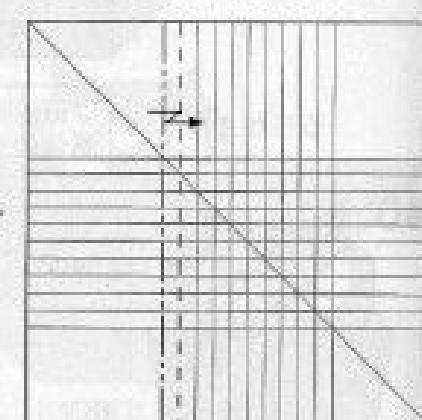
5. 同じ幅で2本折り筋を加える。



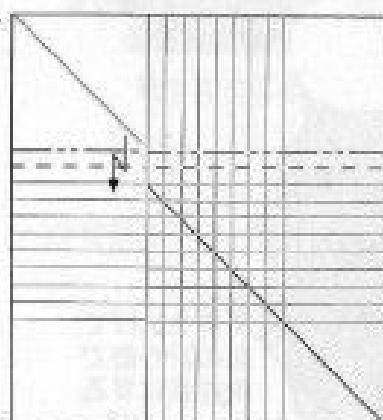
6. 8等分する。



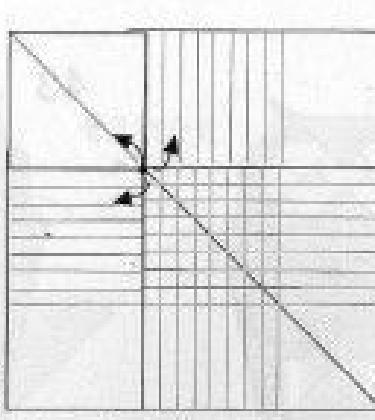
7. 同じ幅で2本折り筋を加える。



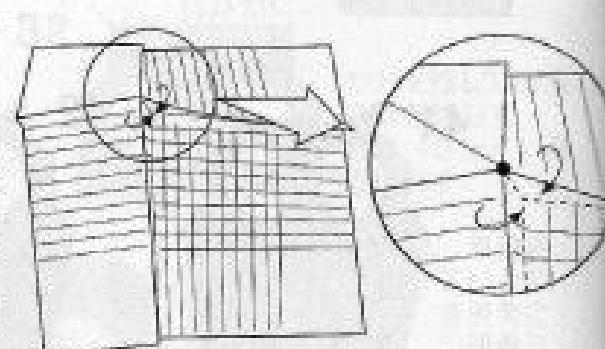
8. 段折りする。



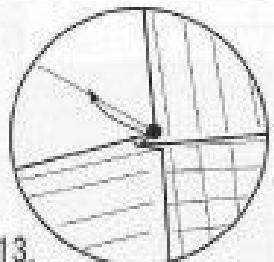
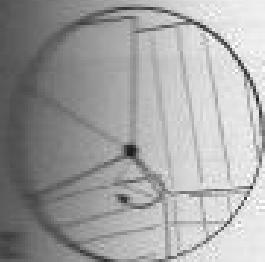
9. 横方向に段折りする。



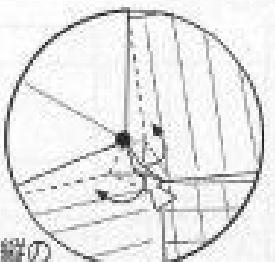
ひだを開いて黒丸部分を捲み上げる。



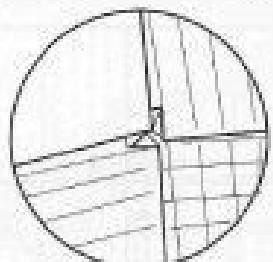
11. 両側からつまんで
ひだを閉じる。



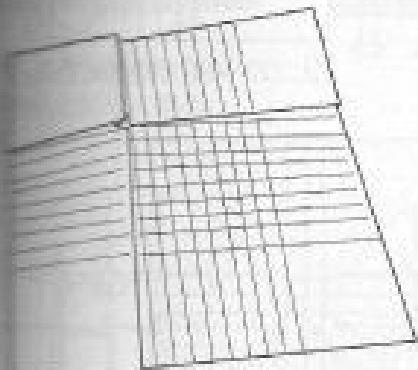
13. 角を持ち上げて立てる。



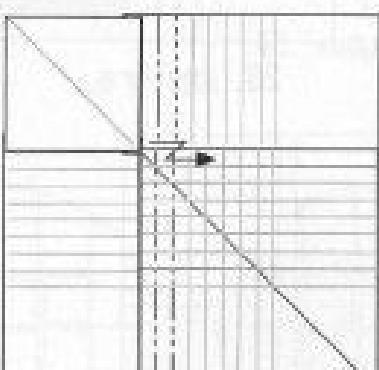
14. 縫の隙間を開いて、つぶすように折る。



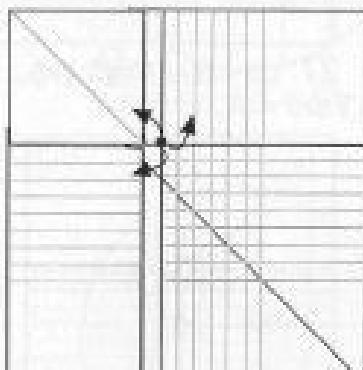
15. 途中図。



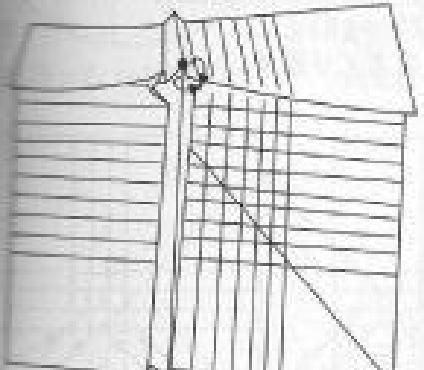
全体の途中図。



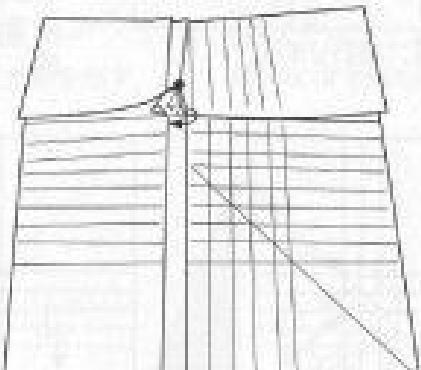
16. 縫に段折りする。



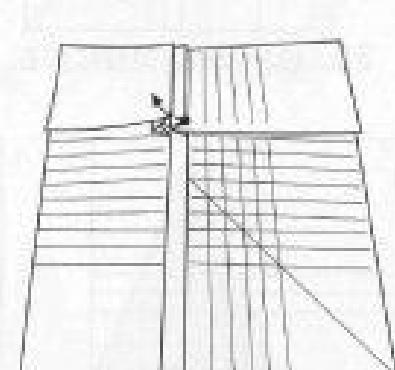
17. ひだを開いて黒丸部分を掲み上げる。



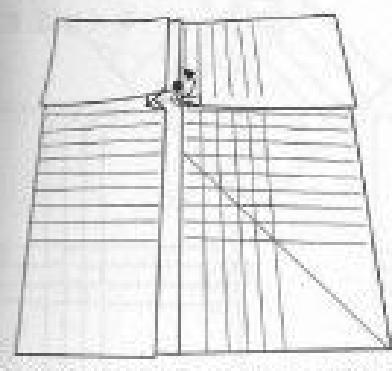
縫からつまむようにして、ひだを閉じる。



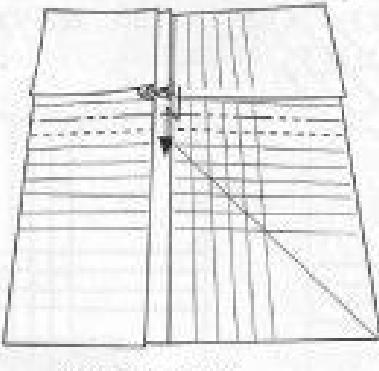
19. 折り線のように折りたたむ。



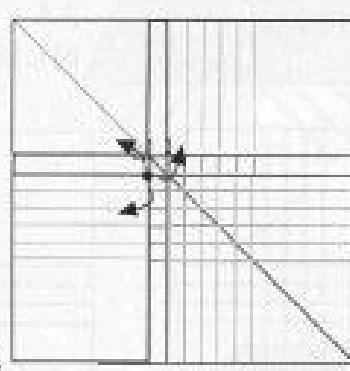
20. 黒丸部分を持ち上げて立てる。



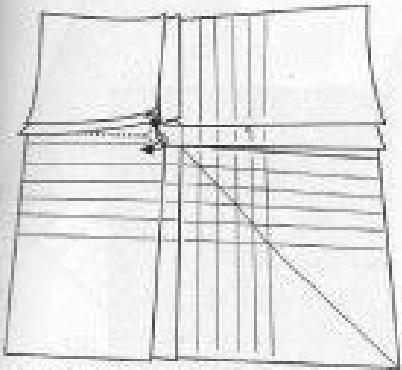
縫の隙間を開いて、つぶすように折る。



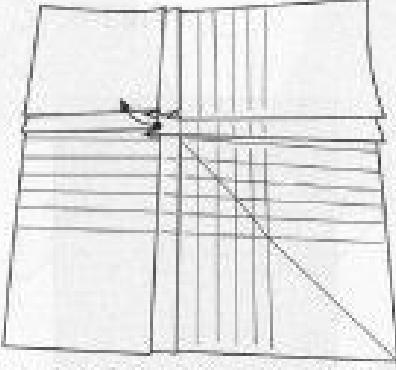
22. 段折りする。



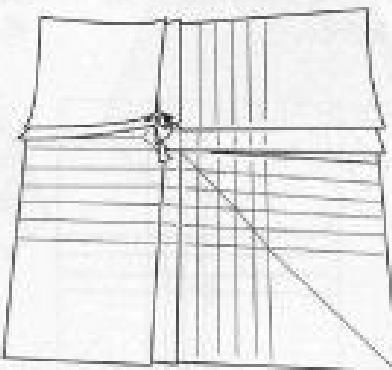
23. ひだを開いて黒丸部分を掲み上げる。



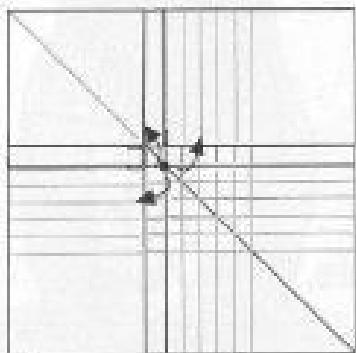
24. 折り線のように折りたたむ。



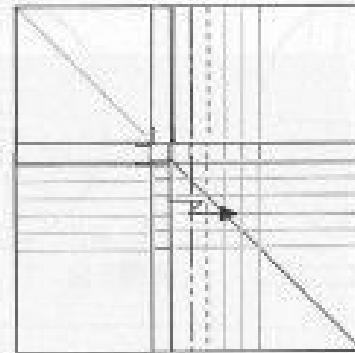
25. 黒丸部分を持ち上げて立てる。



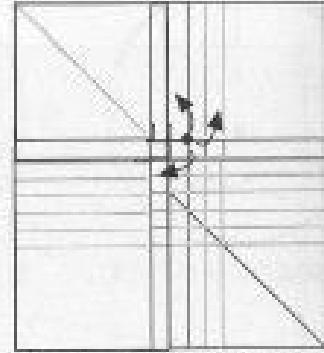
26. 縫の隙間を開いて、つぶすように折る。



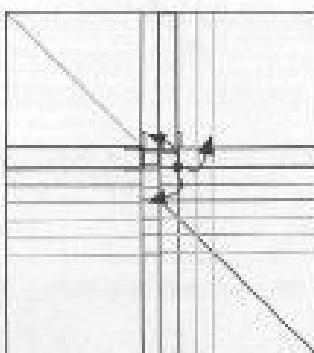
27. (23~26)と同様に折る。



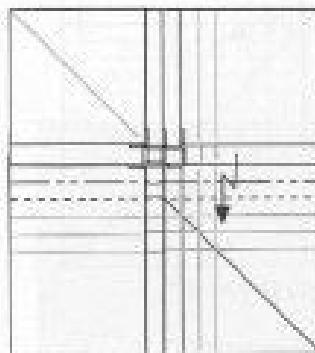
28. 段折りする。.



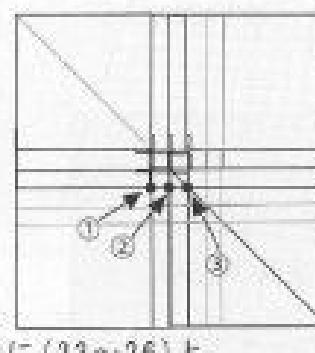
29. (23~26)と同様に折る。



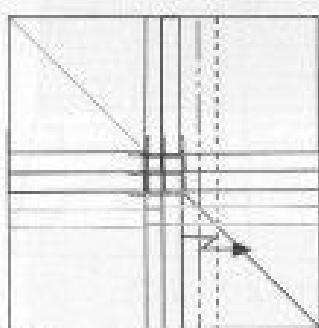
30. (23~26)と同様に折る。



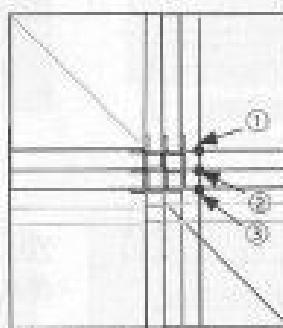
31. 段折りする。



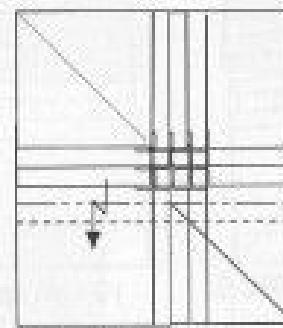
32. 順番に(23~26)と
同じ折り方をくり返す。



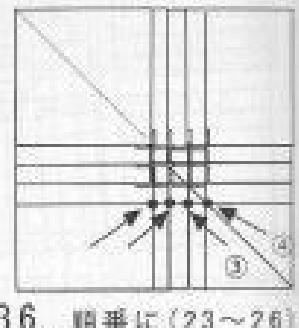
33. 段折りする。



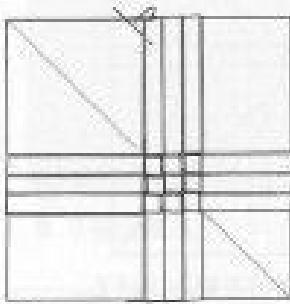
34. 順番に(23~26)と
同じ折り方をくり返す。



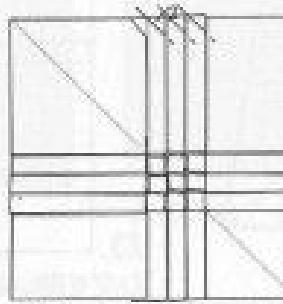
35. 段折りする。



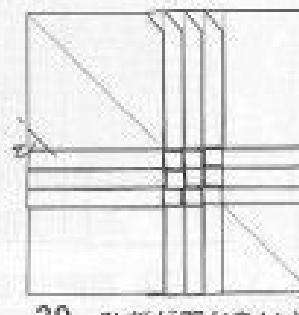
36. 順番に(23~26)と
同じ折り方をくり返す。



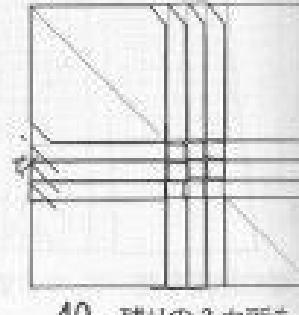
37. ひだが開かないように
角を折る。



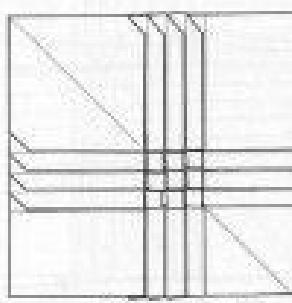
38. 残りの3カ所も
同様に折る。



39. ひだが開かないように
角を折る。



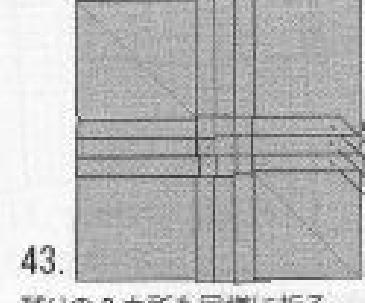
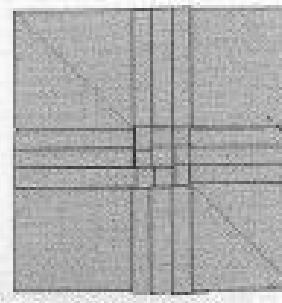
40. 残りの3カ所も
同様に折る。



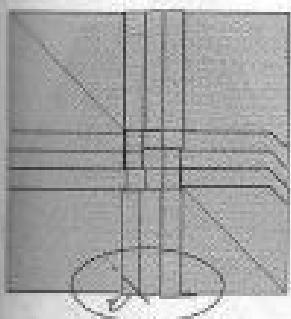
41. 途中図。



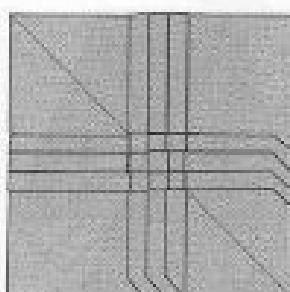
42. 裏返して、ひだの角を折る。



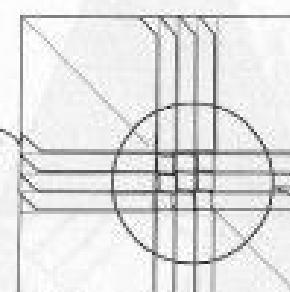
43. 残りの3カ所も同様に折る。



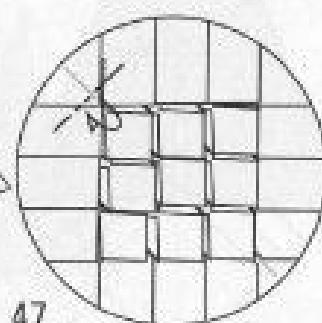
44. こちら側のひだも
④～③と同様に折る。



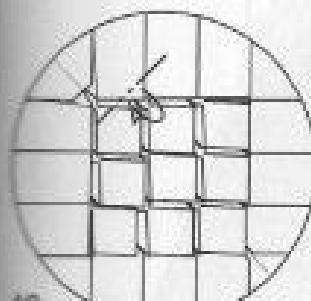
45. 途中図。



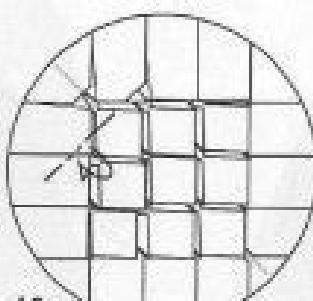
46. 中央部分を折る。



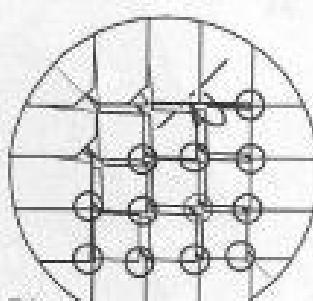
47. 角を折って、丸みを出す。



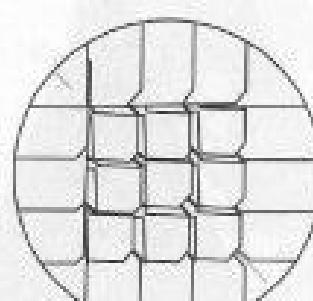
48. 角を折って、丸みを出す。



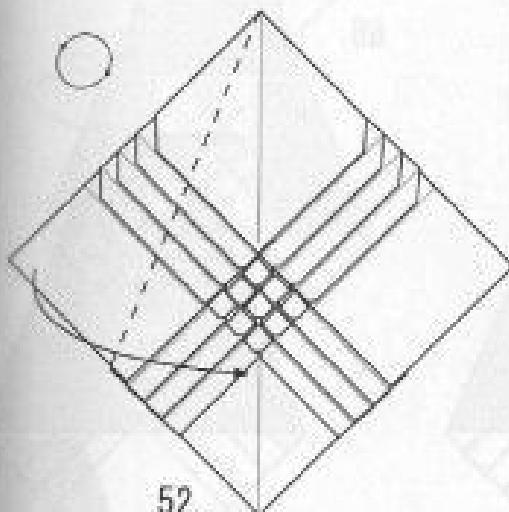
49. 角を折って、丸みを出す。



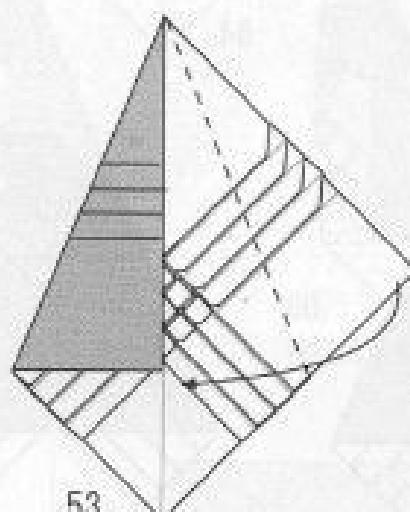
50. 残りの 13 力所も同様に折る。



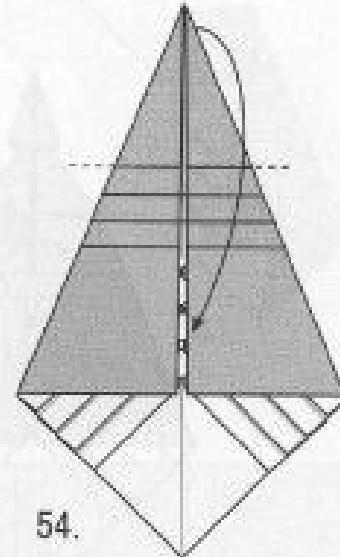
51. 途中図。



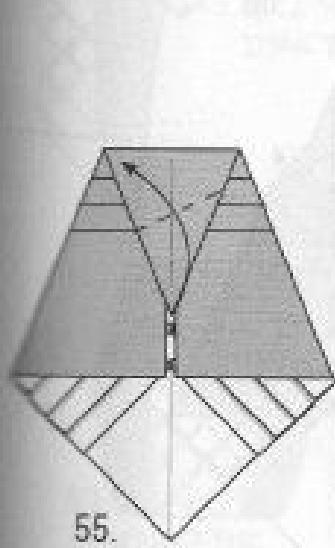
52.



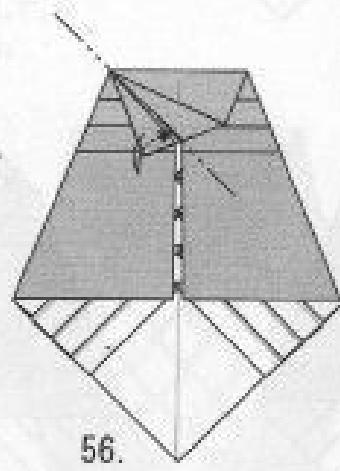
53.



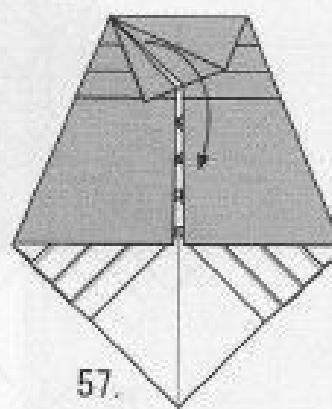
54.



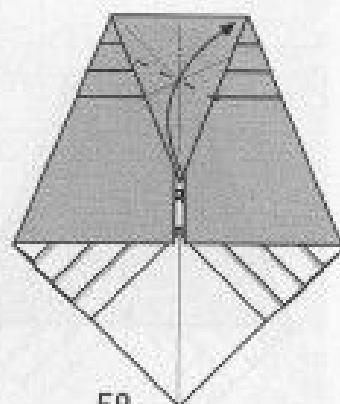
55.



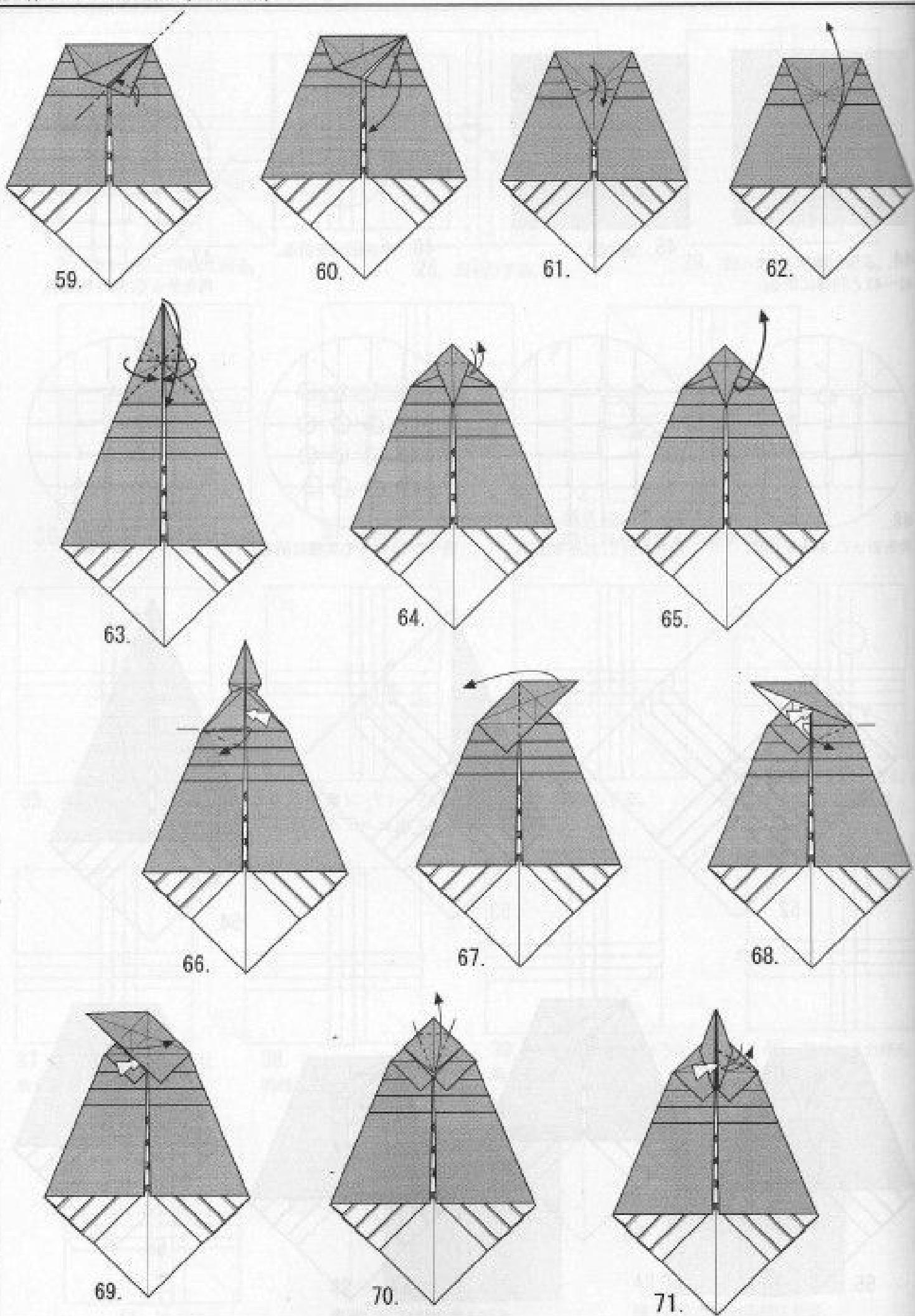
56.

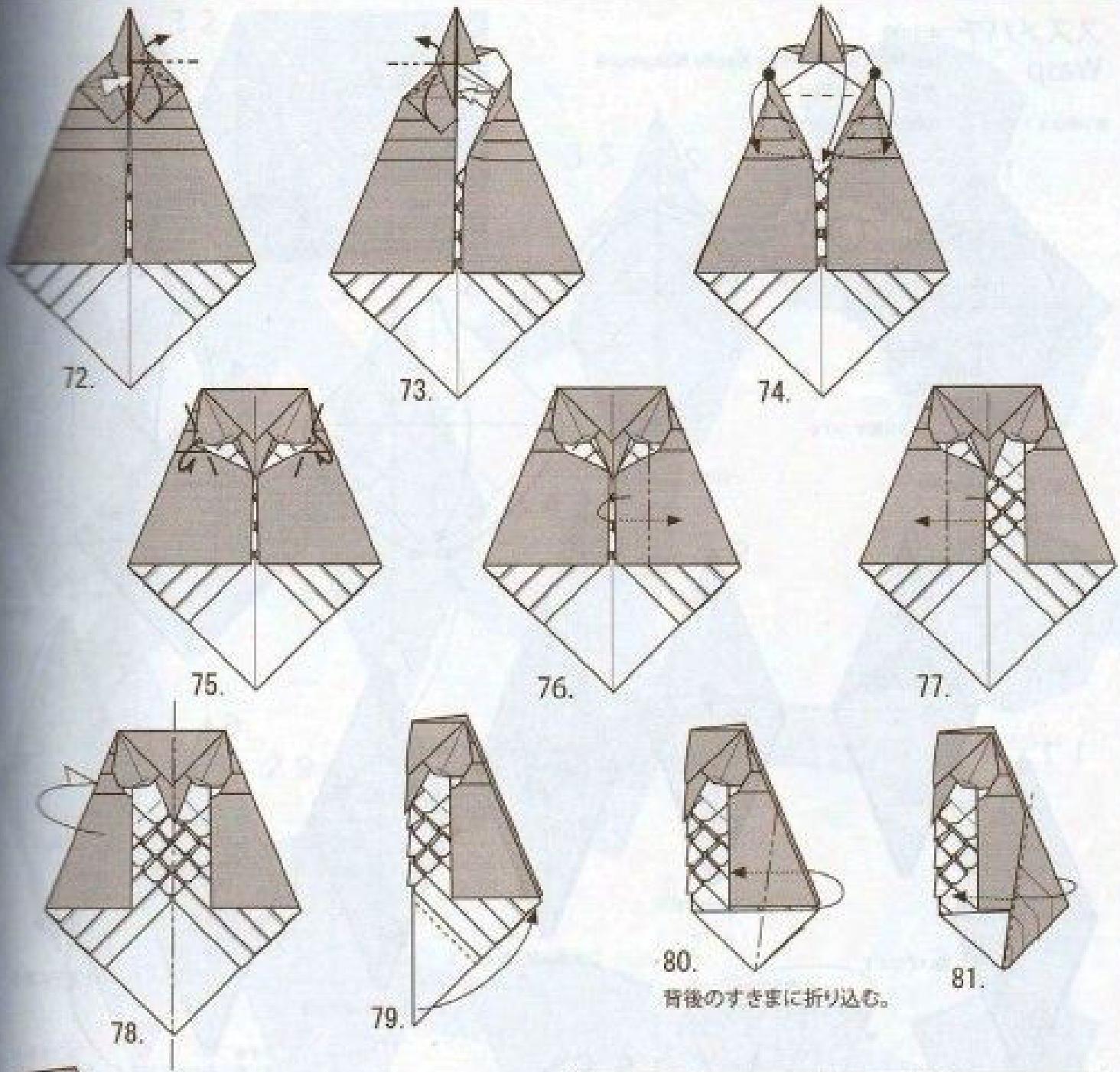


57.

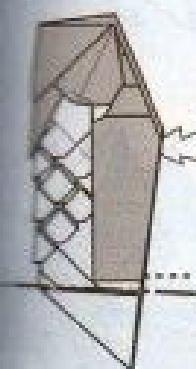


58.

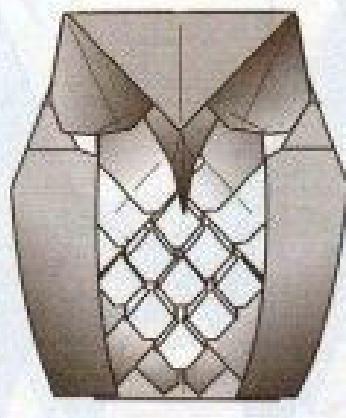




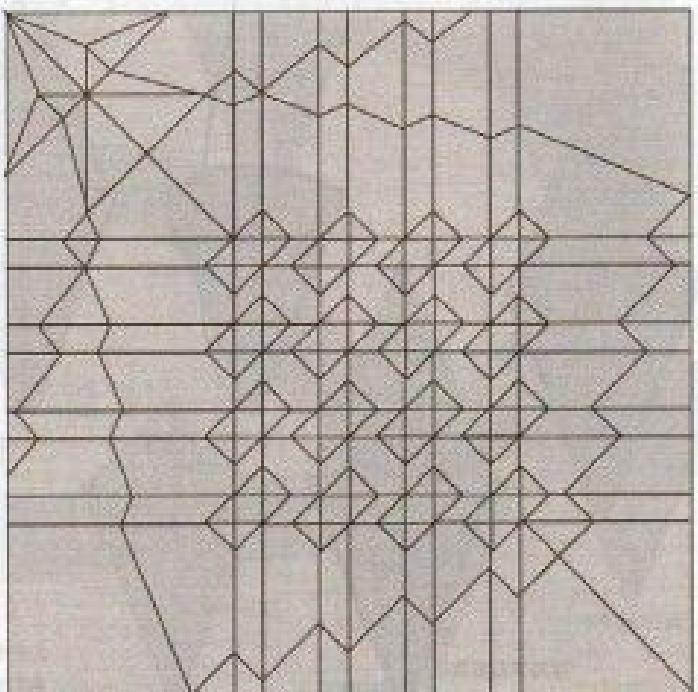
82. 背中を開くようにして、立体にする。



83. くちばしを下方に
中わり折りする。



84. できあがり

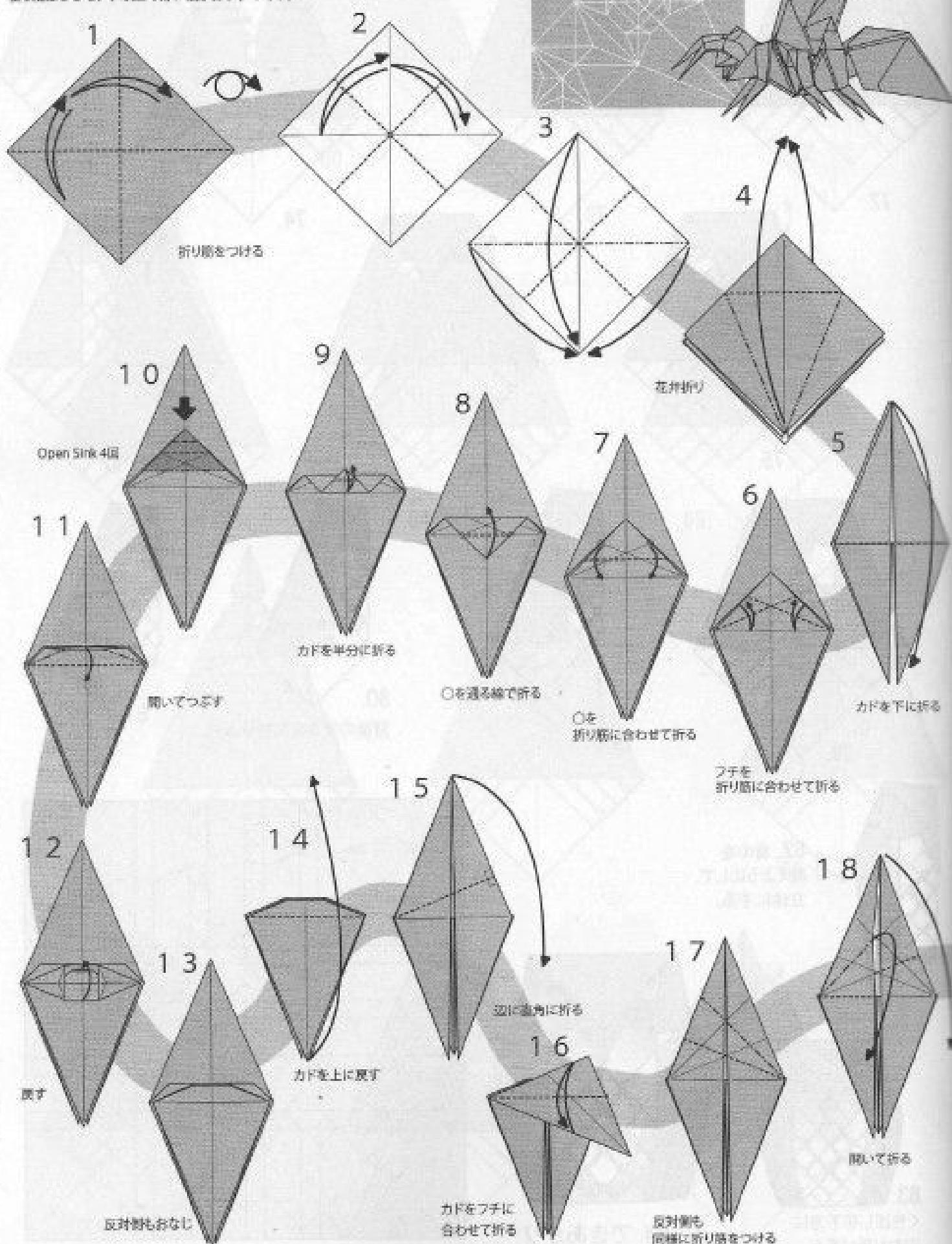


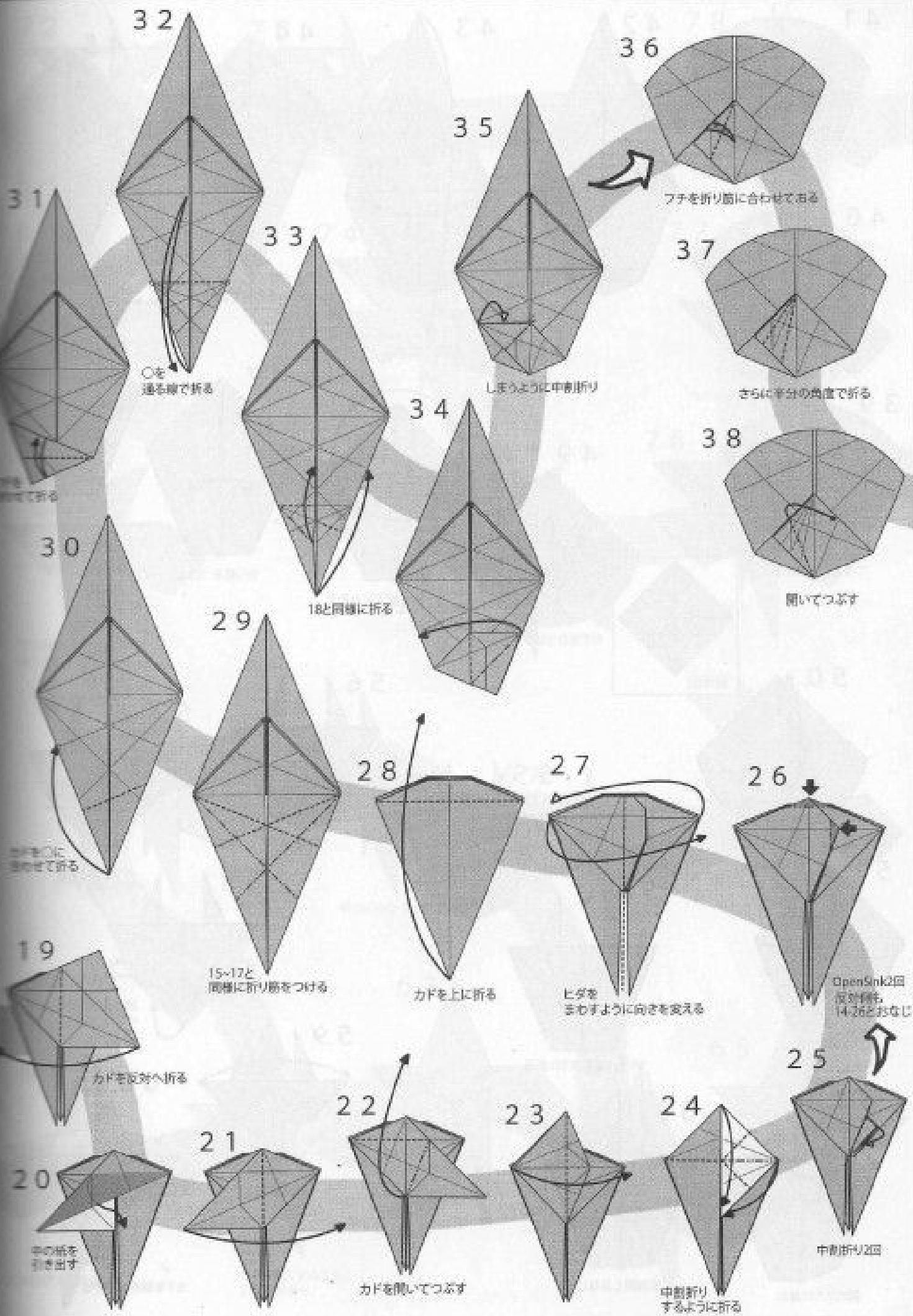
スズメバチ

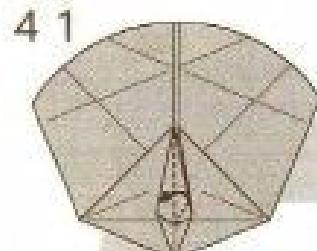
Wasp

中村桜
Model&Diagrams by Kaede Nakamura
作図 2014/5/1

使う紙は3.5センチ以上の薄い紙がおすすめです。

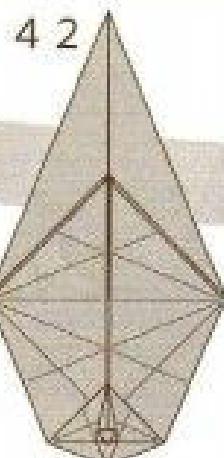




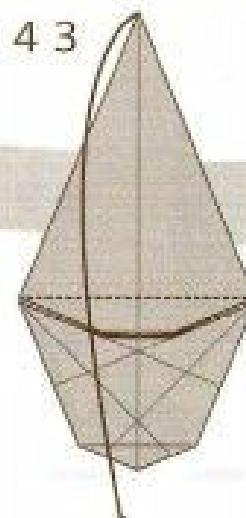


4.1

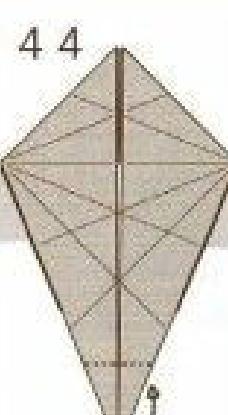
開いてつぶす



4.2

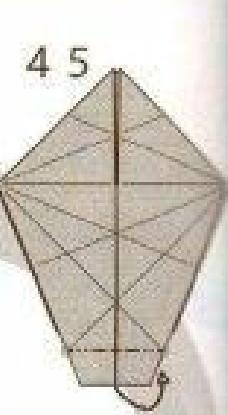


4.3



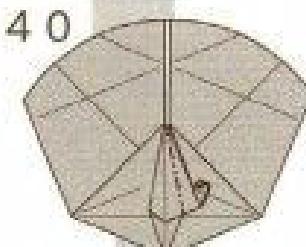
4.4

カドを○に合わせて山折る



4.5

○を通る線で折る



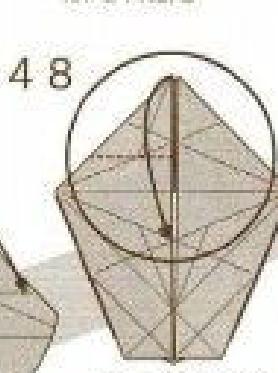
4.0

ついている線で半折り



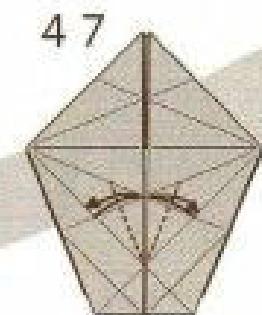
3.9

つまむように折る

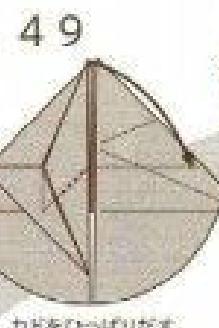


4.8

カドを一枚下におろす



4.6

○を通る線で
折り筋をつける

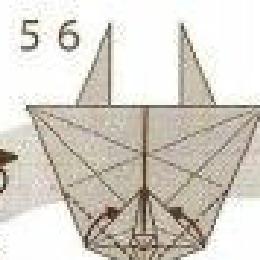
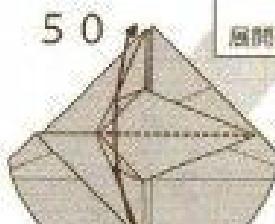
4.9

カドをひっぱりだす



扇開図

5.0



5.6

カドを元に戻す



5.7



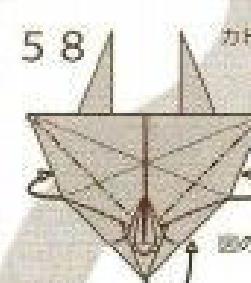
5.1

ヒダを片方開く



5.5

フチを折る



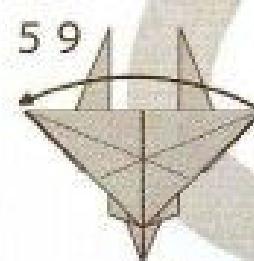
5.8

カドを軽く折る



5.4

谷をつまむように折る

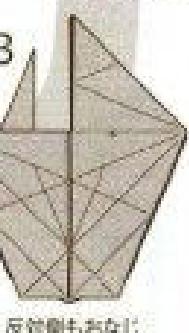


5.9

△に折る

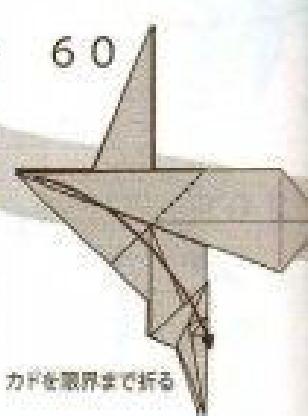


5.2



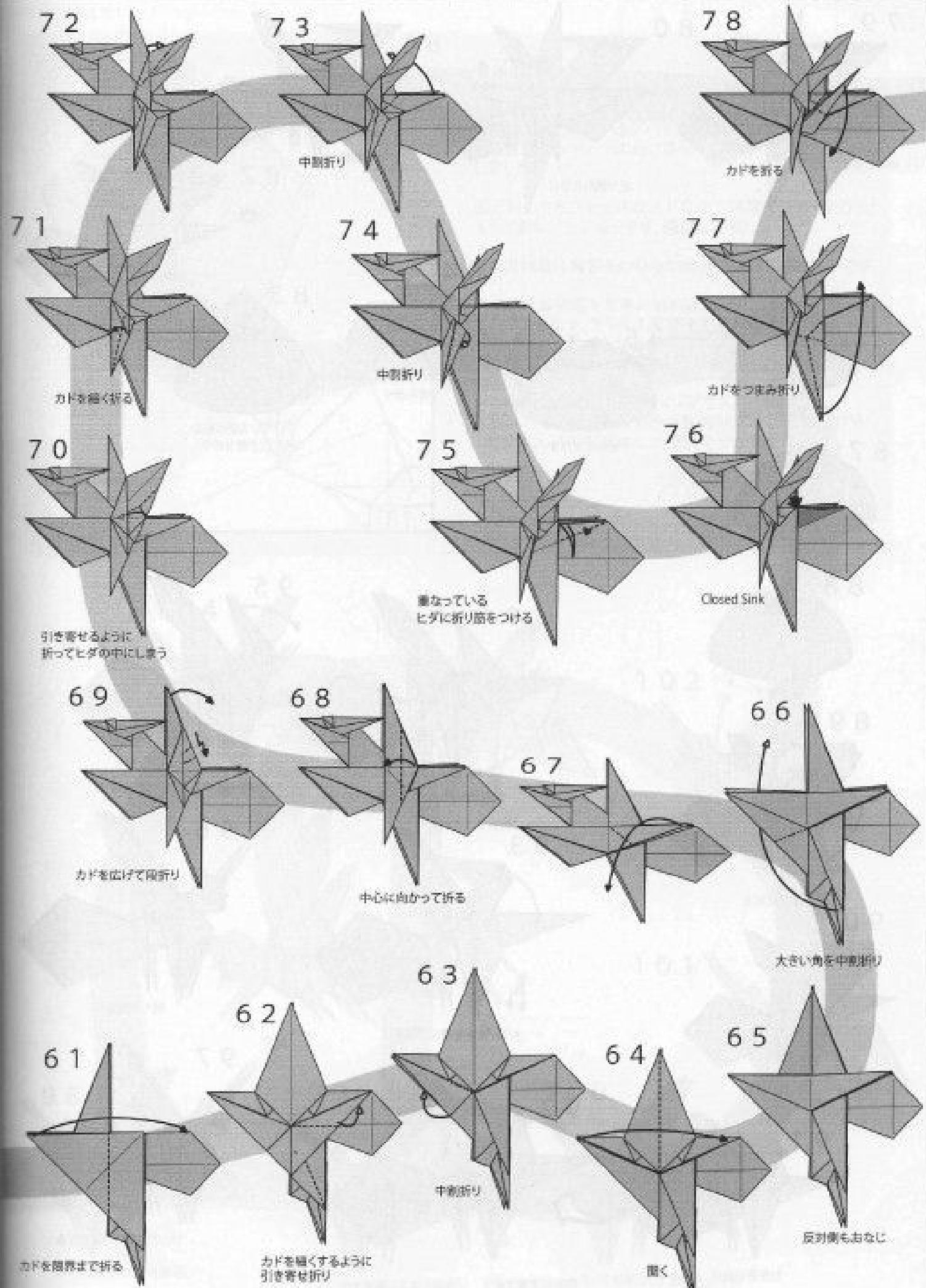
5.3

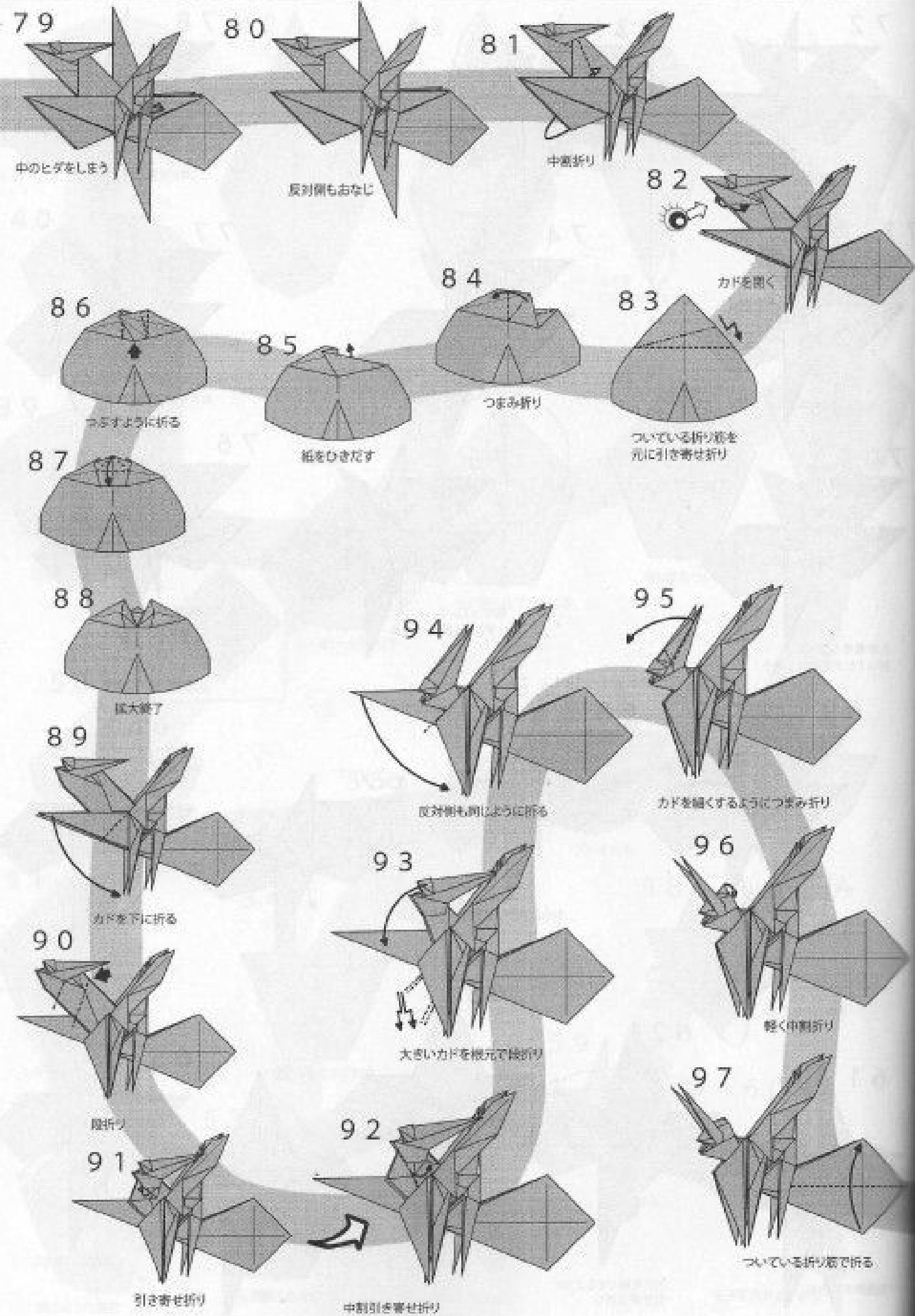
反対側もおなじ



6.0

カドを限界まで折る





◆解説◆

試作を重ねていくにつれ本来の意図から脱線してしまった作品です。

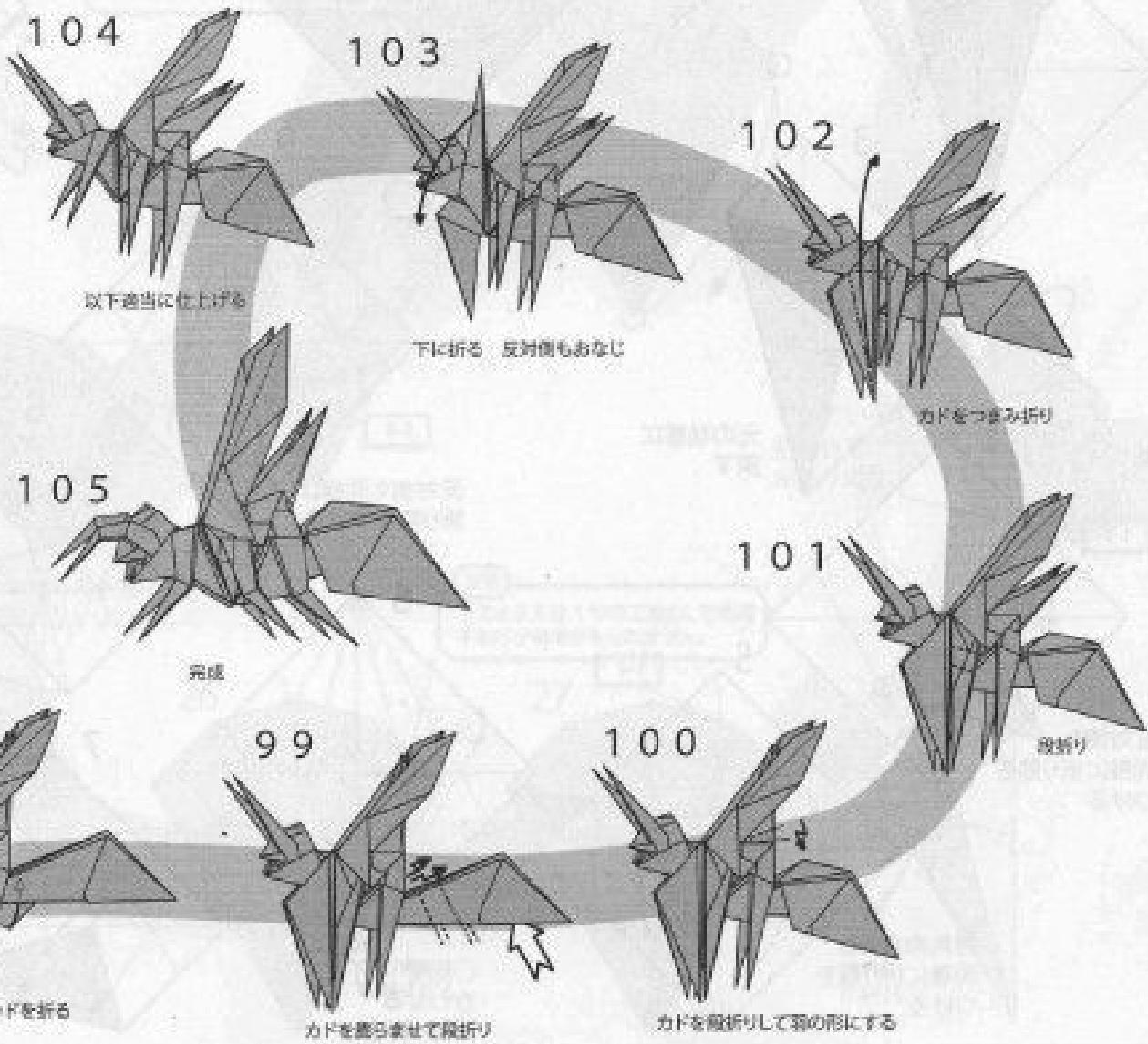
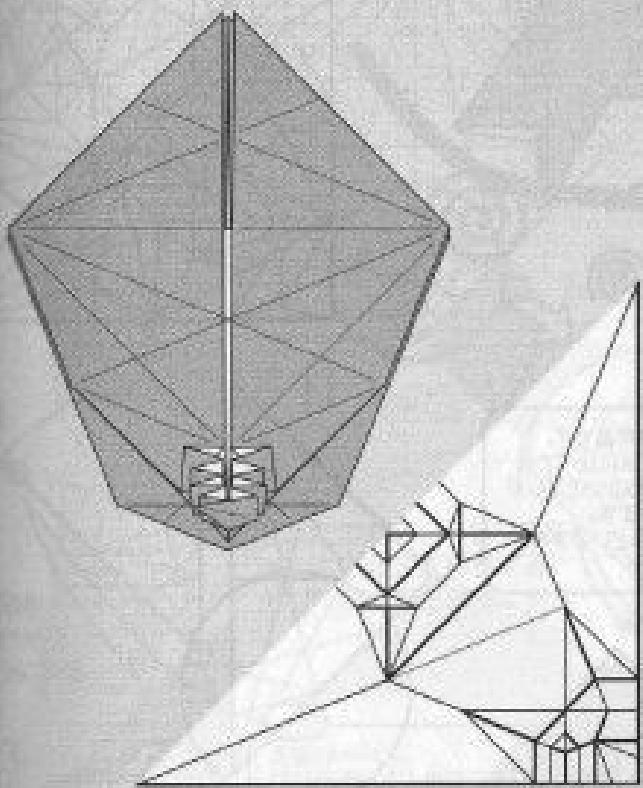
最初はもっと可愛いミツバチを折る予定でしたが、意外にも面構成がシャープにおさまったのでこれを生かすことになりました。

脚三対のうち二対が内部カドなので無理矢理細く折ろうとすると酷いことになります。適度に妥協しましょう。

どれだけ紙に負担をかけないかが仕上げのポイントです。

左の圖と展開図を参考に折れば、腹部に鷲模様を加えることができます。そもそも腹部を用紙の角に配置したのはこれがやりたかったからなのですが、説明するのが面倒だったので折り図では省略しています。

ところで、海外だと「インサイドアウト」ではなく「Color change」と呼ぶのが一般的みたいです。今度から「色変え」って呼びませんか、短くて分かりやすいし…。



カメレオン

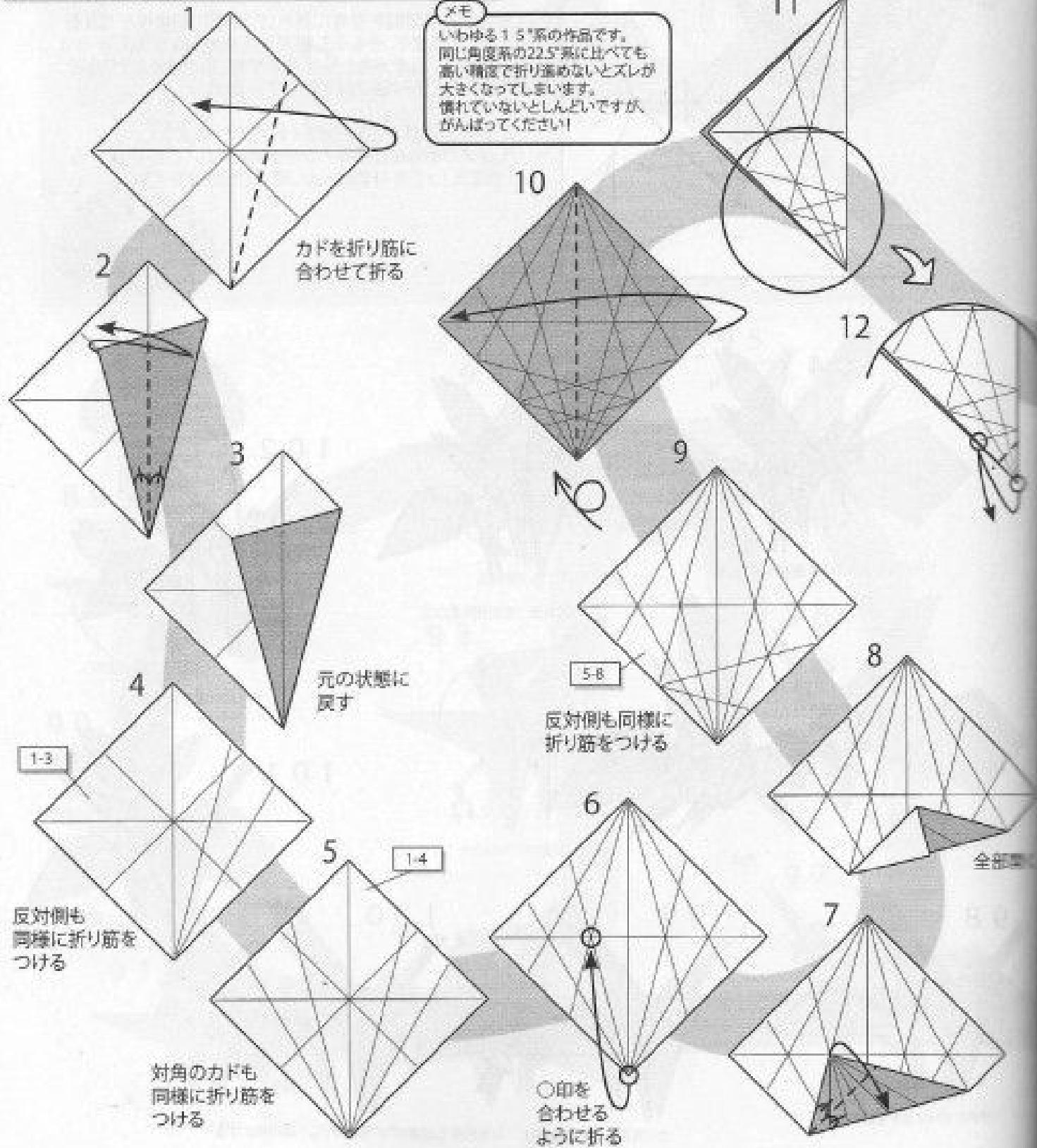
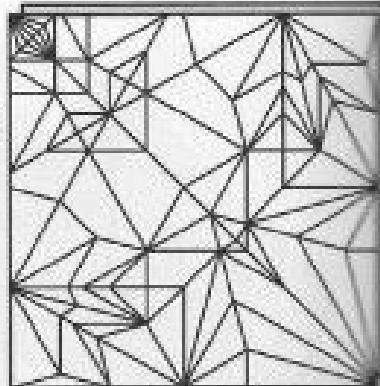
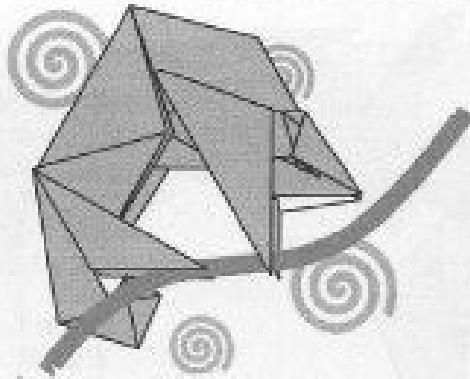
cameleon

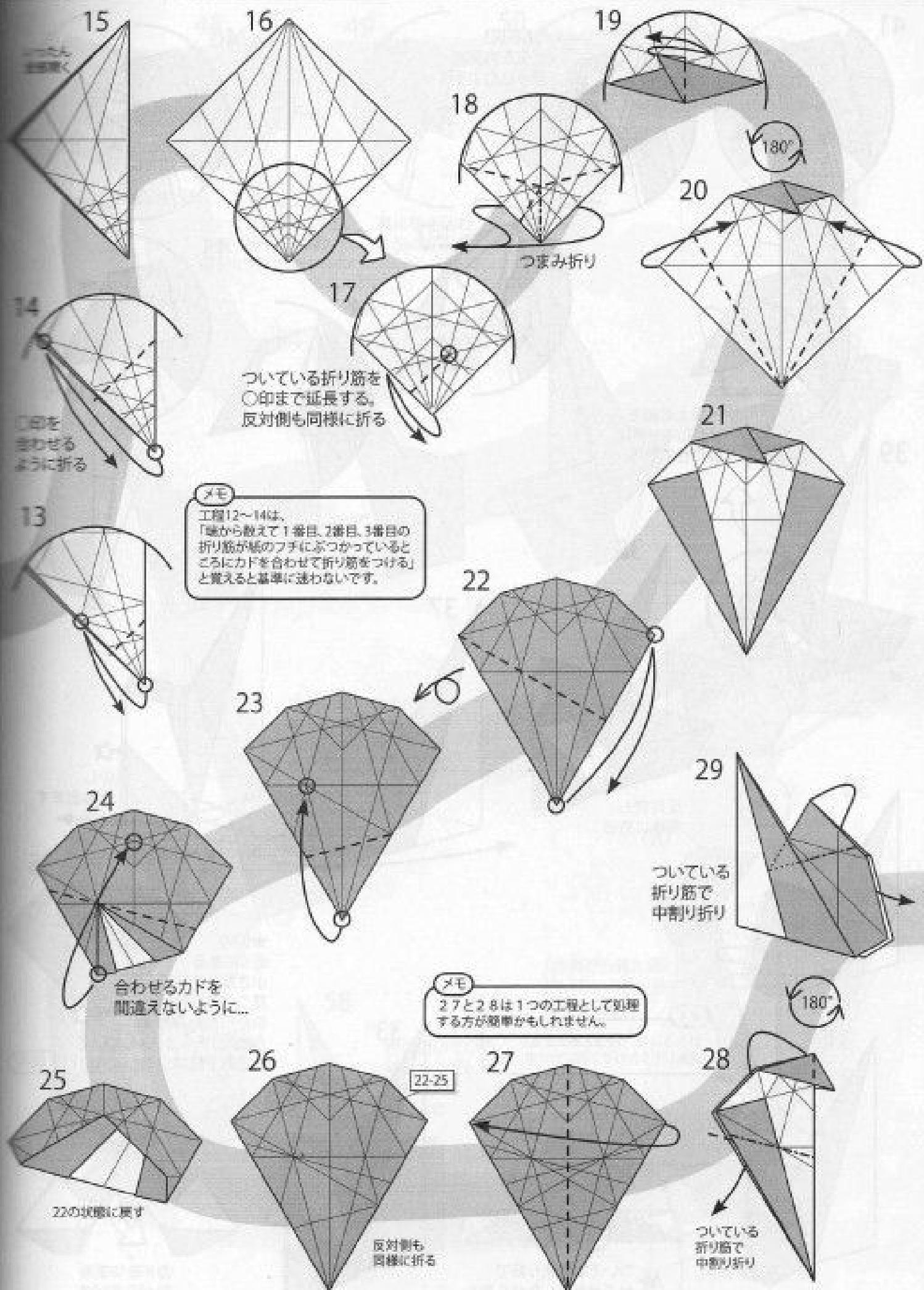
創作: 2014/06/26

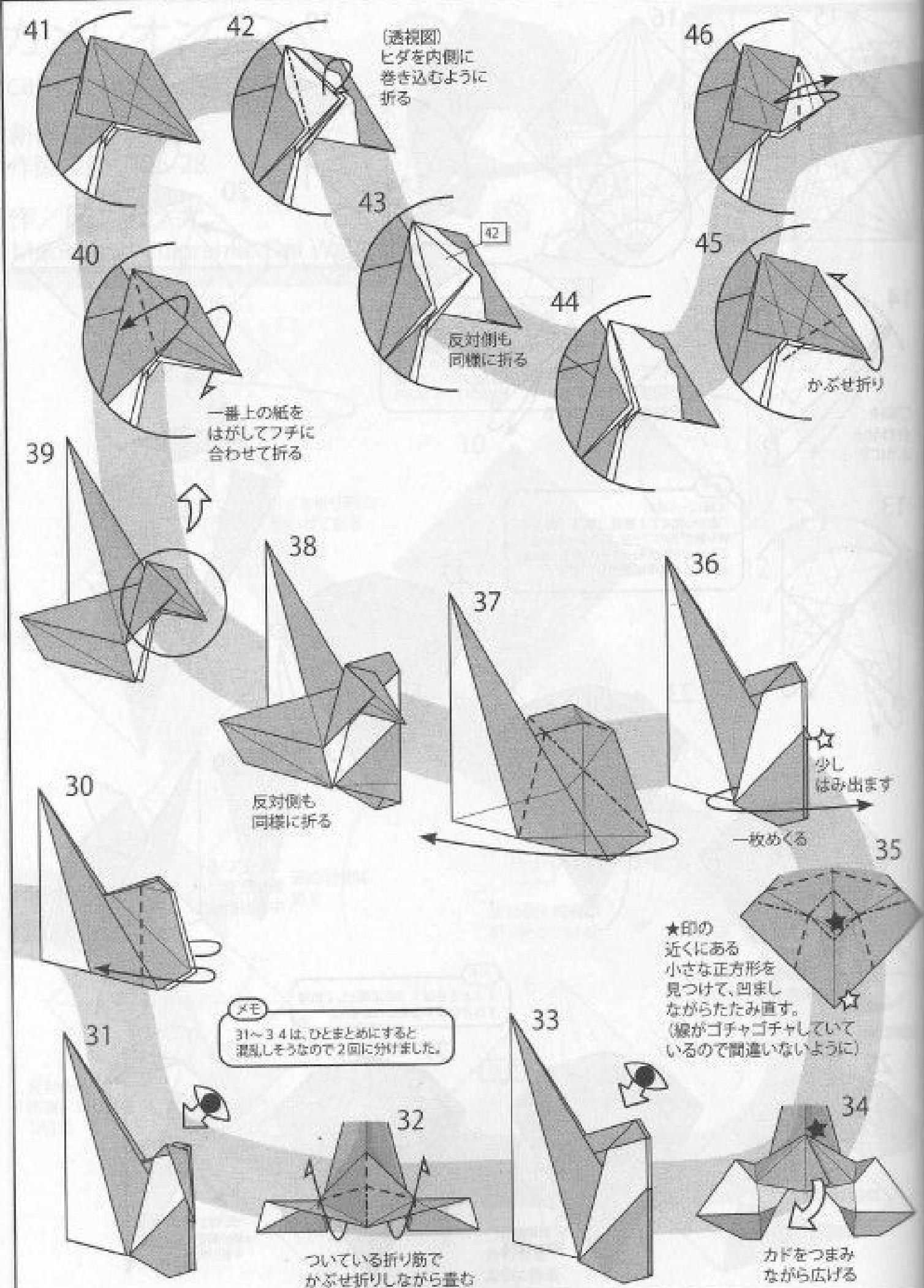
作図: 2015/06/28

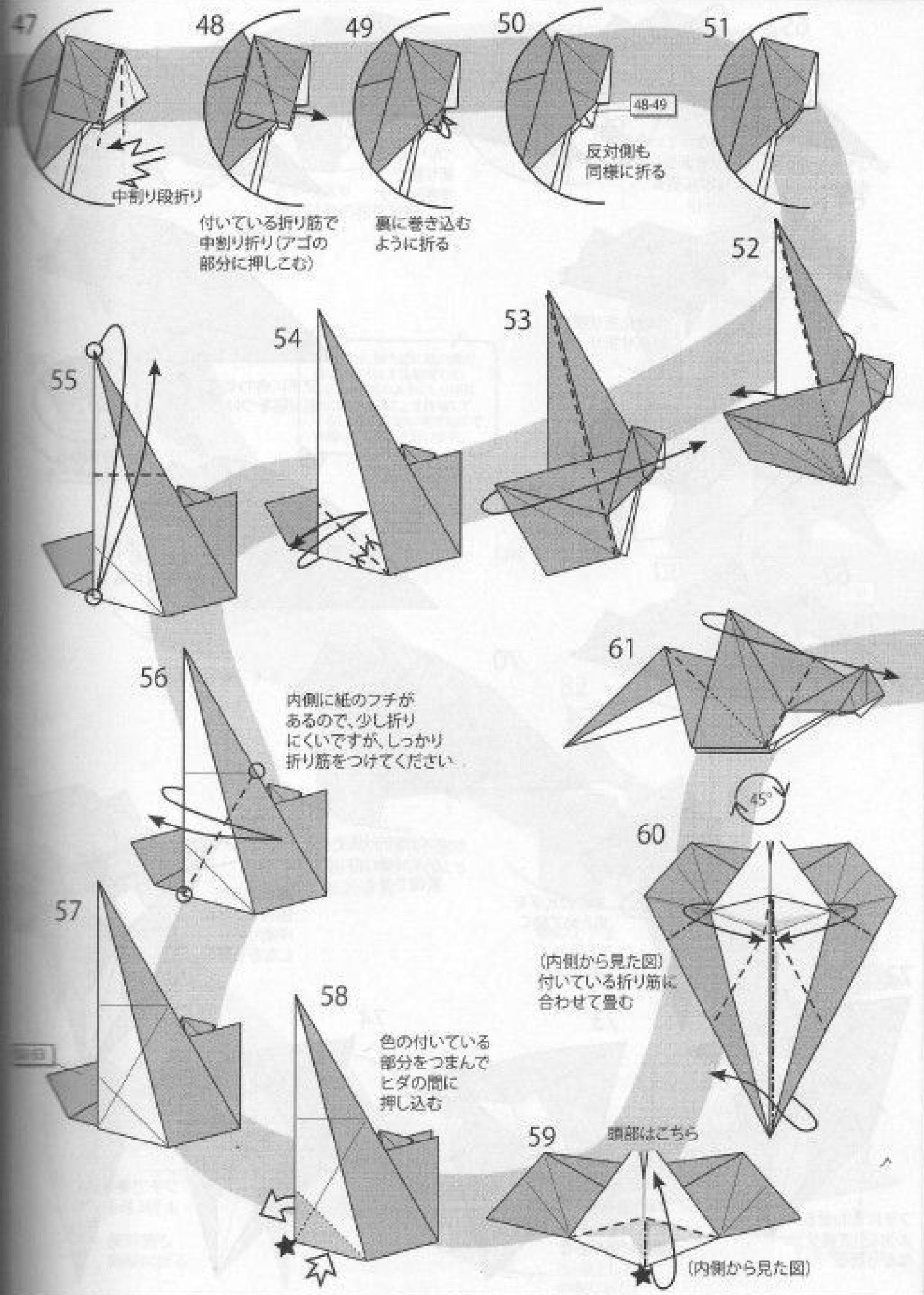
作／図: 渡辺 大

Model and diagrams: Dai Watanabe





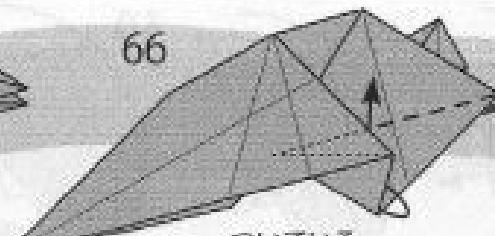




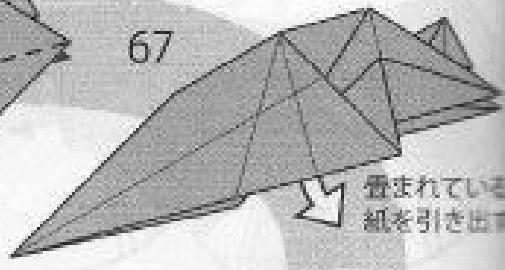
65



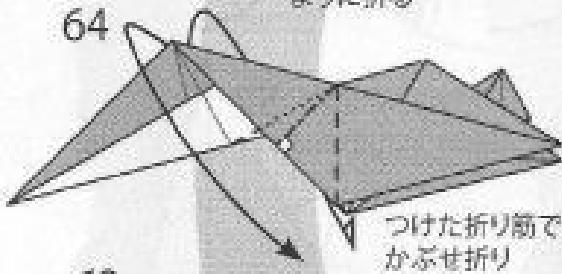
66



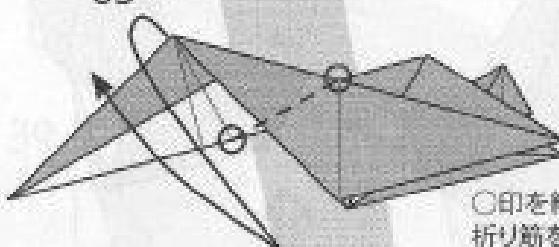
67



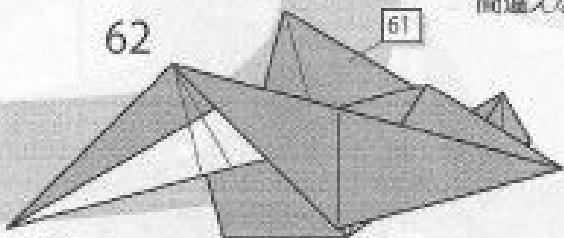
64



63



62



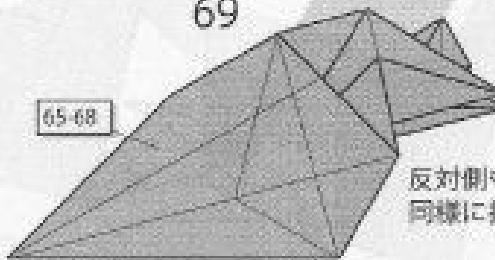
○印を結ぶ線で
折り筋をつける
(左側の基準を
間違えないように)

65-68

68

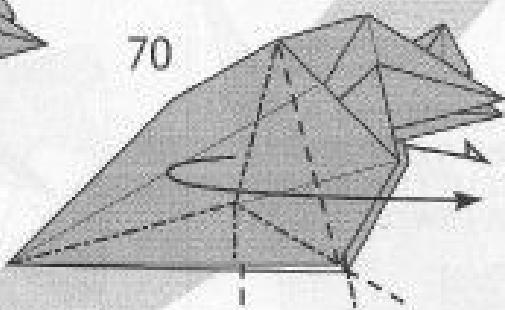
裏側から
見たところ

69

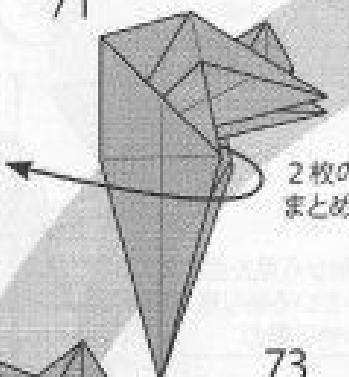


61

70

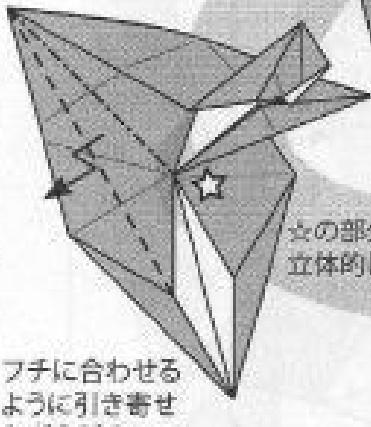


71



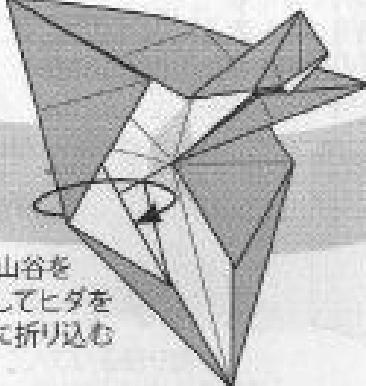
つけた折り筋で
かぶせ折りの
要領で置む

72

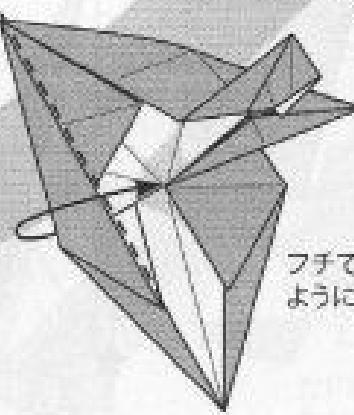


☆の部分は
立体的になる

73

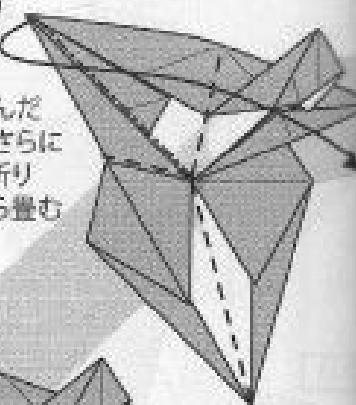


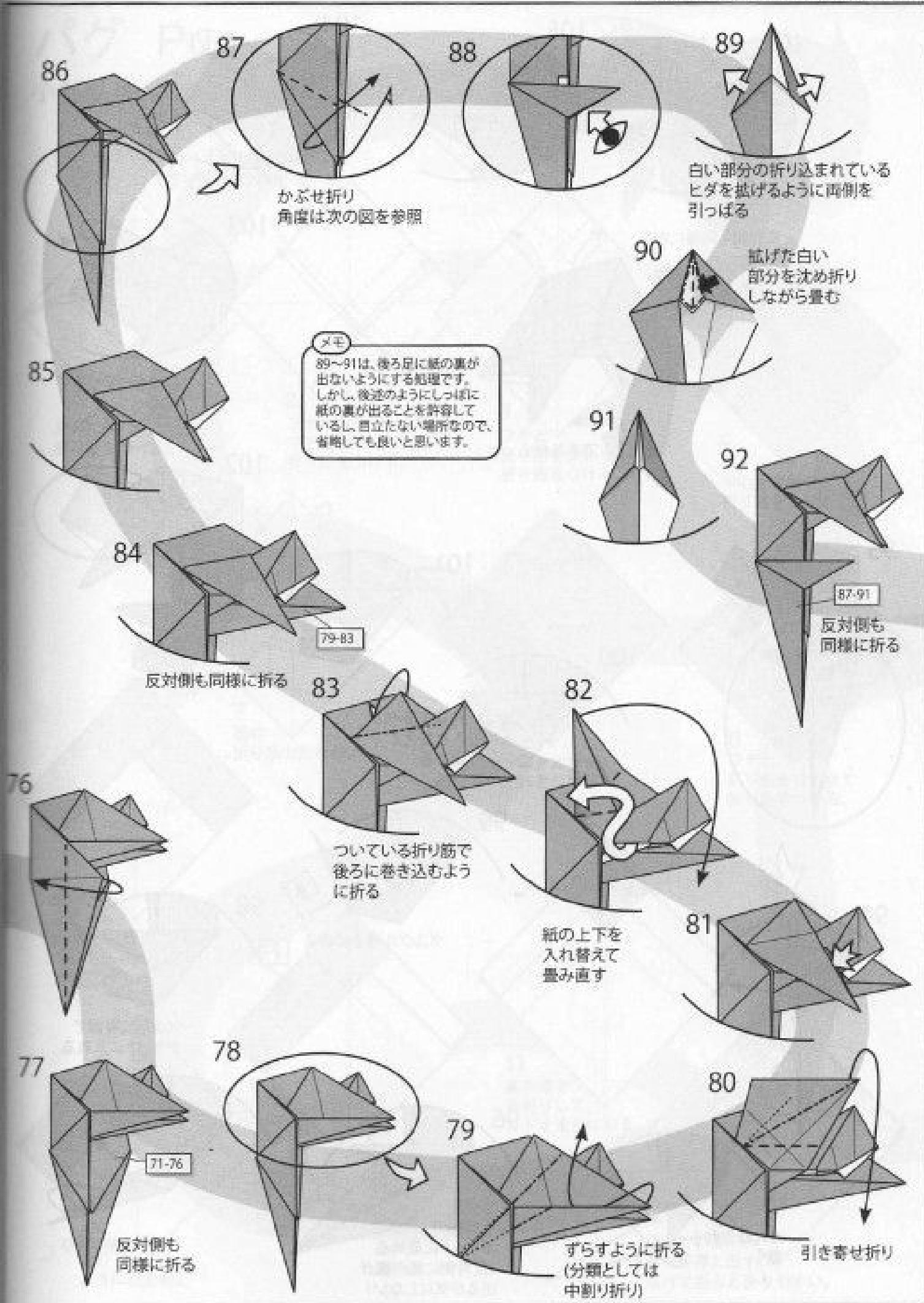
74



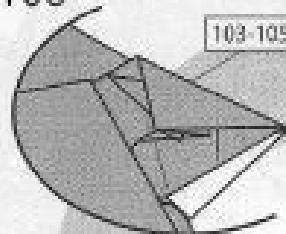
フチで巻き込む
ように折る

75



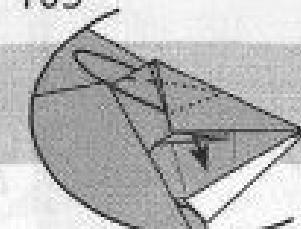


106

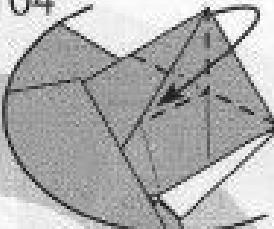


103-105

105



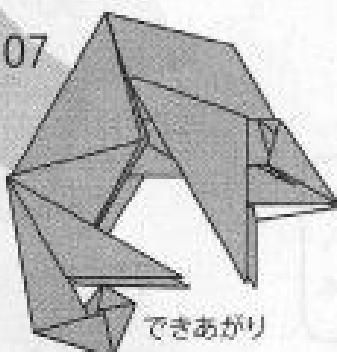
104



注:全部ぐらい折りです

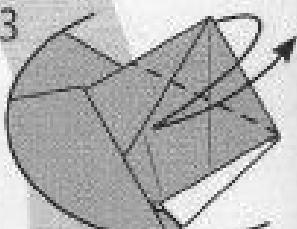
反対側も同様に折る

107



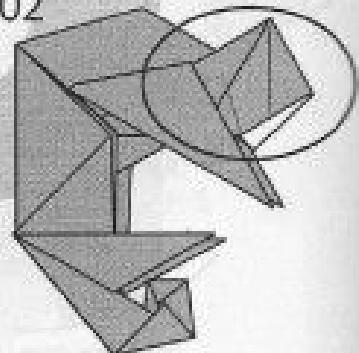
できあがり

103

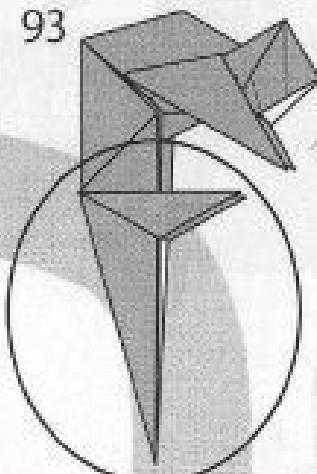


注:ぐらい折りです

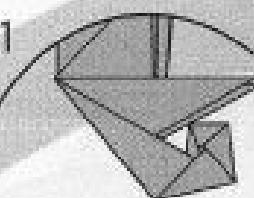
102



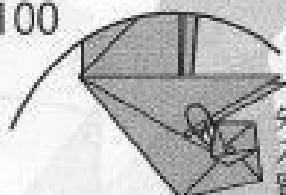
93



101

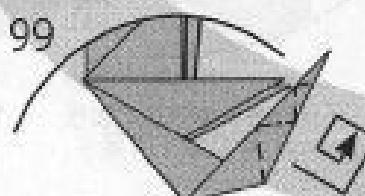


100



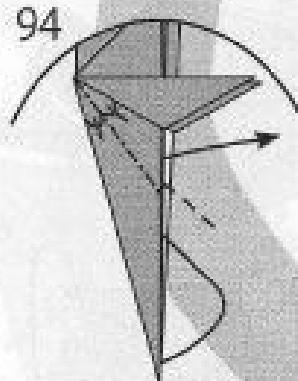
先端を後ろに入れ替えて留める

99

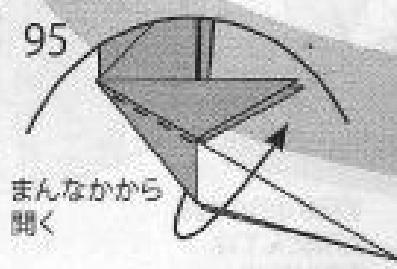


グルグル巻きに折る

94

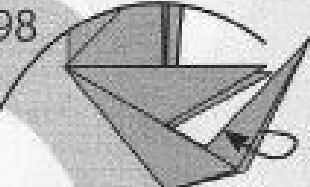


95

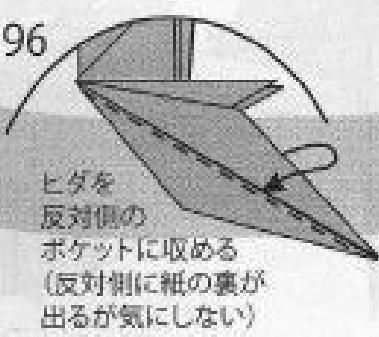


まんなかから開く

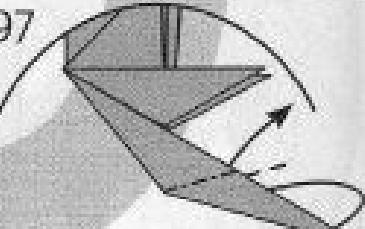
98

96と同じ要領で
ポケットに入れる

96

ヒダを
反対側の
ポケットに收める
(反対側に紙の裏が
出るが気にしない)

97



中割り折り

パグ Pug

小林弘明 Hiroaki Kobayashi

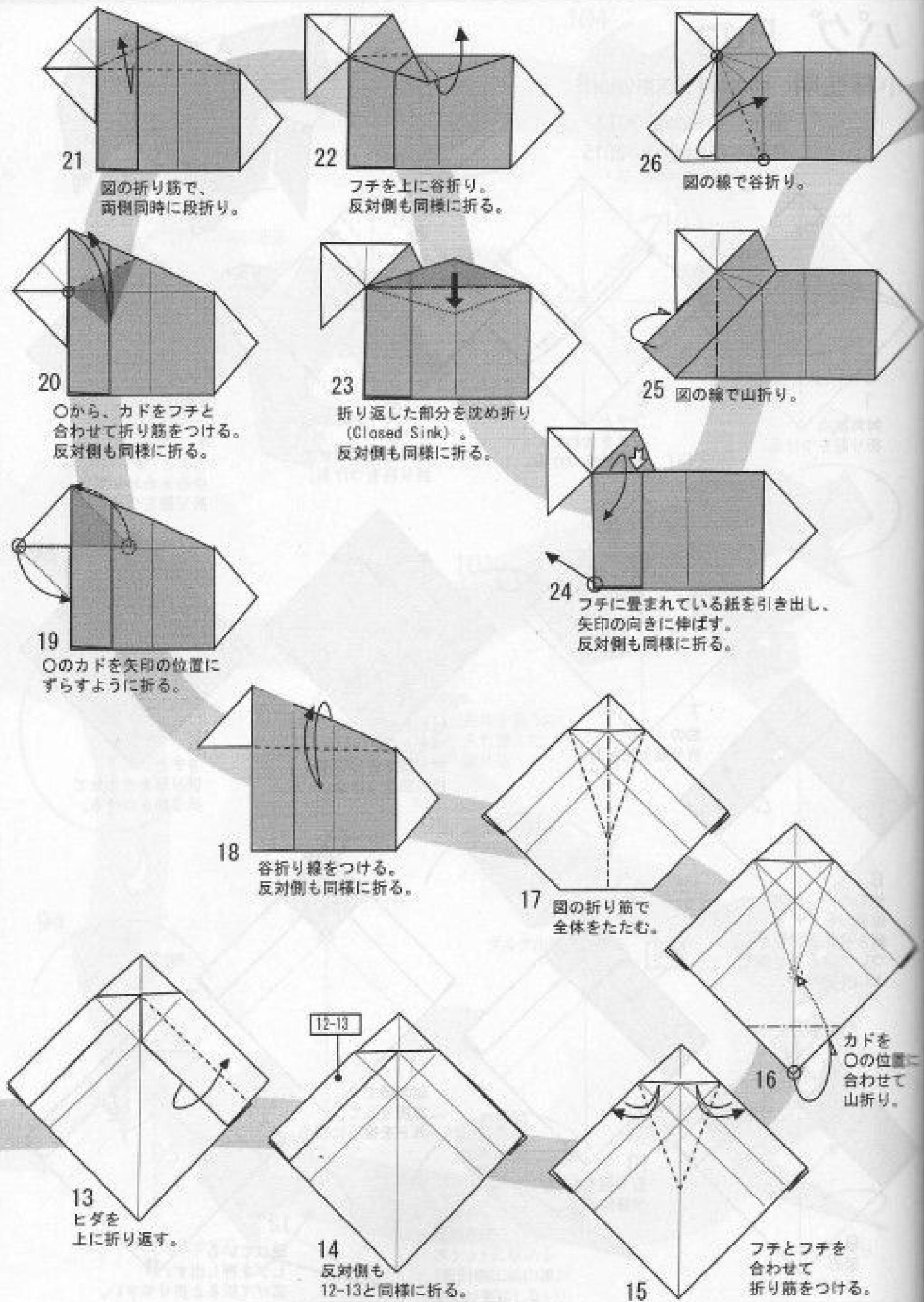
創作 Created : 2013

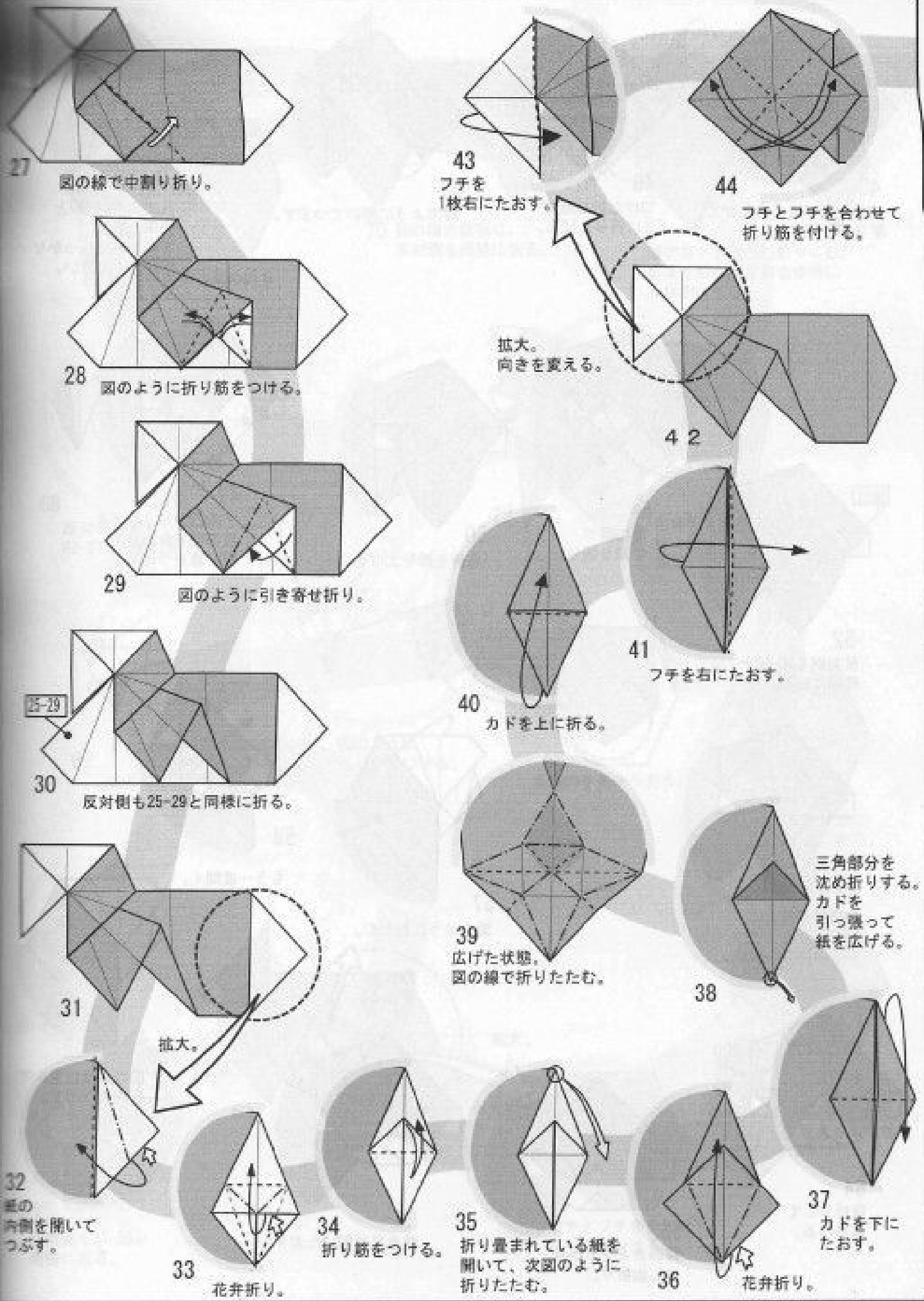
作図 Diagrams : 2015

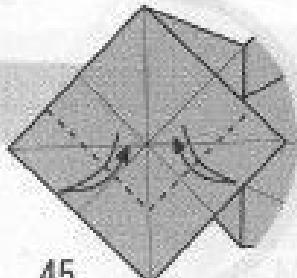
- 1 対角線に折り筋をつける。
- 2 フチとフチを合わせて折り筋をつける。
- 3 フチと折り筋を合わせて折り筋をつける。
- 4 カドと中心を合わせて折り筋をつける。
- 5 フチと折り筋を合わせて折り筋をつける。
- 6 フチと折り筋を合わせて折り筋をつける。
- 7 図の折り筋でたたむ。
- 8 矢印の位置から紙を持ち上げながら、ついている折り筋で上に谷折り。
- 9 図のようにたたむ。
- 10 反対側も8-9と同様に折る。
- 11 図の線で谷折りして、カドを後ろに折る。
- 12 隠れているヒダを押し出す。広げて折ると折りやすい。

折紙探偵コンベンション折り図集 vol.21 2015年

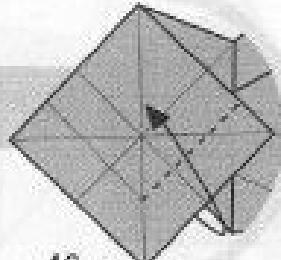
The 21st Origami Tanteidan Convention 2015 87



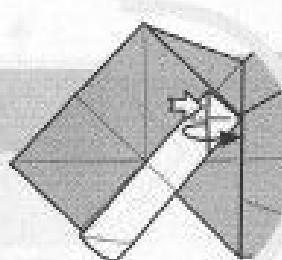




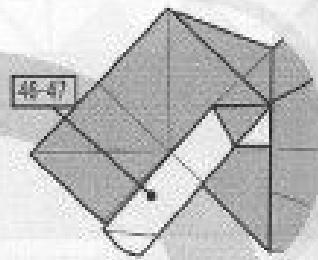
45
フチと折り筋を合わせて
折り筋を付ける。



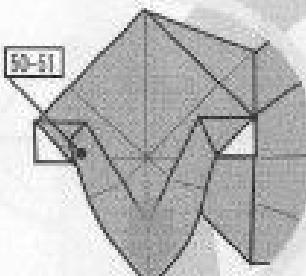
46
つけた折り筋で
上に折り上げる。



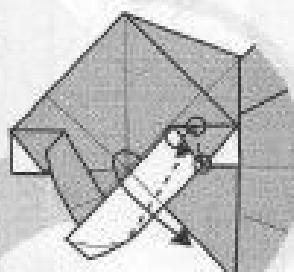
47
図のよう開いてつぶす。



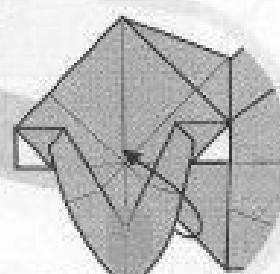
48
反対側も46-47と
同様に折る。
下のカドはしっかりと
折らなくて良い。



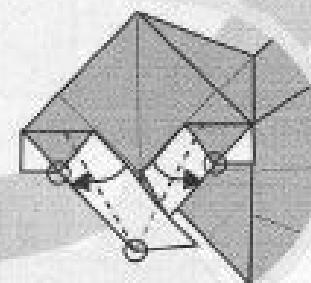
52
反対側も50-51と
同様に折る。



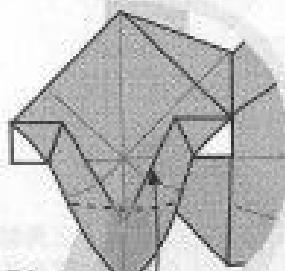
51
図の線で
中割り折り。



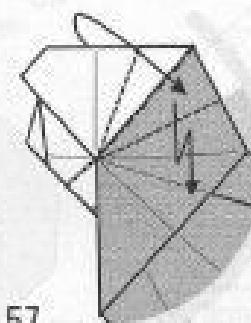
50
右側を折り上げる。



49
下の○から、フチと
目の○を合わせて
折り筋を付ける。

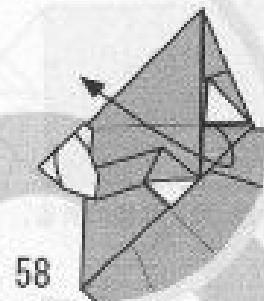


53
谷折りして上に
折り上げる。
平らにはならない。

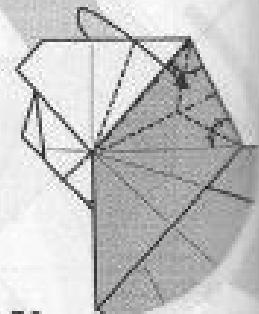


57
図のようたたむ。

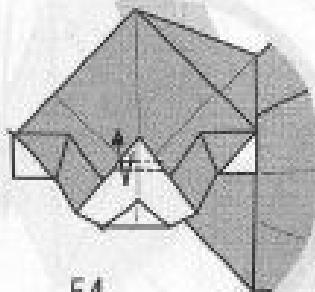
向きを
変える。



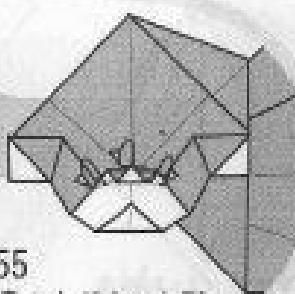
58
もう一度開く。



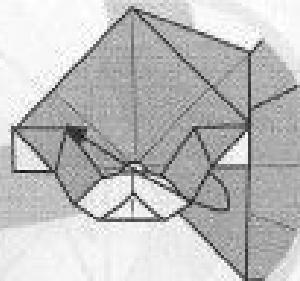
59
図のよう疊んで
耳を折り出す。



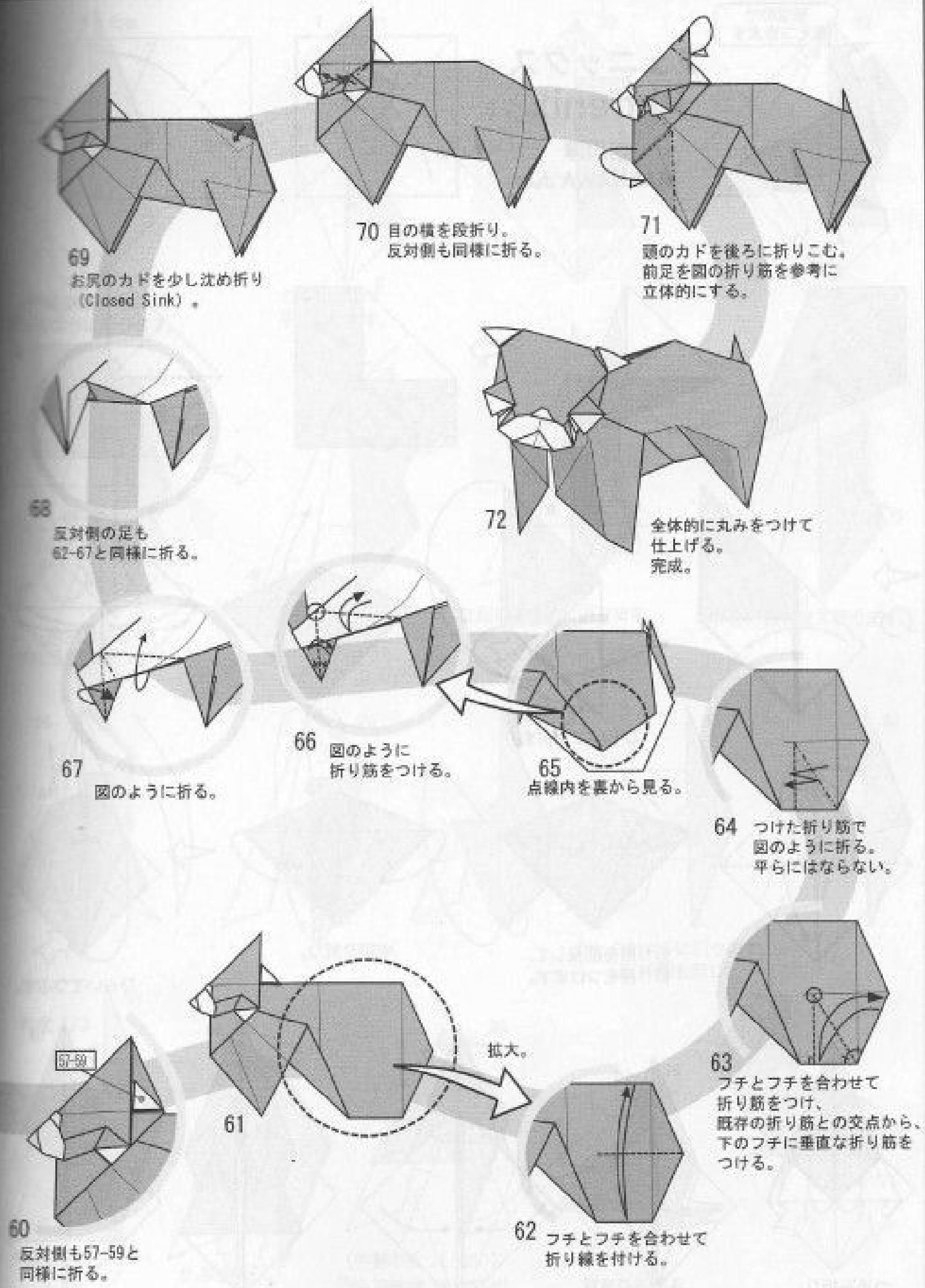
54
段折りして
鼻を作る。



55
鼻のカドを3か所。
少し山折り。



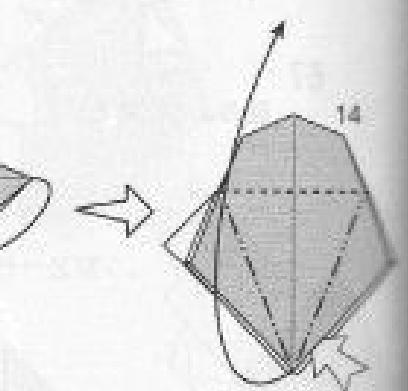
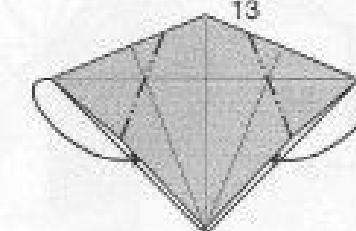
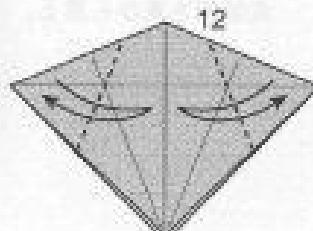
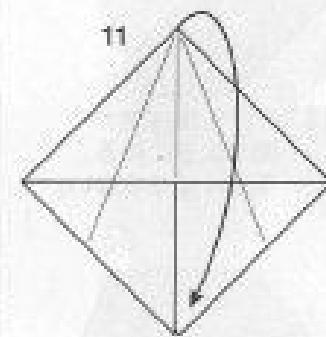
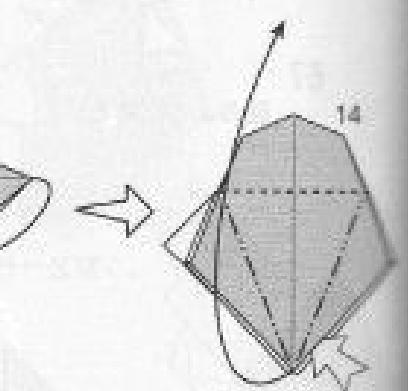
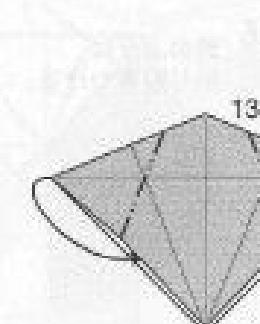
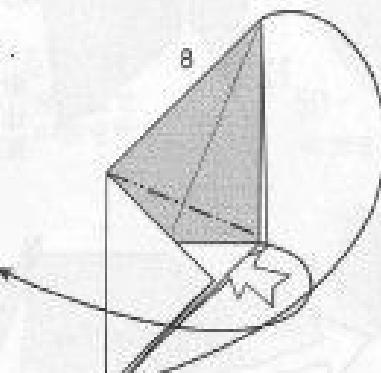
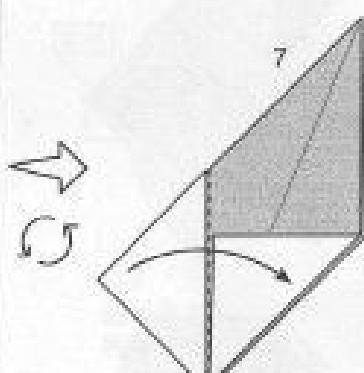
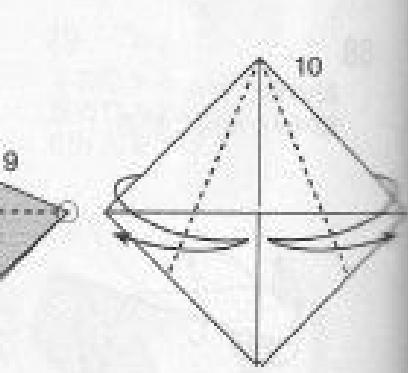
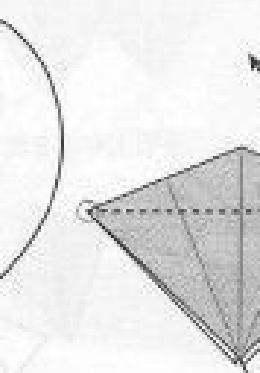
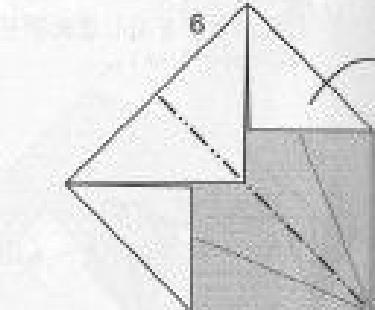
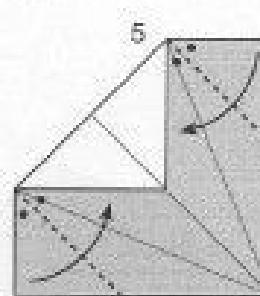
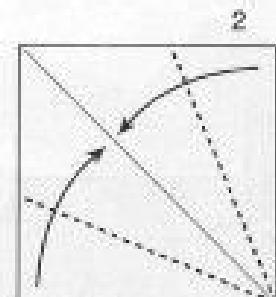
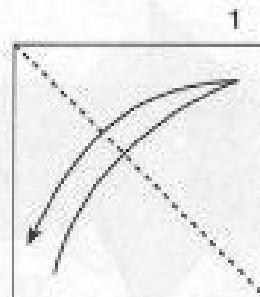
56
顔を反対側にたおす。



紙なので
燃えづきます

フェニックス Phoenix

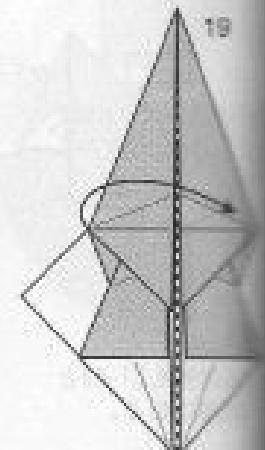
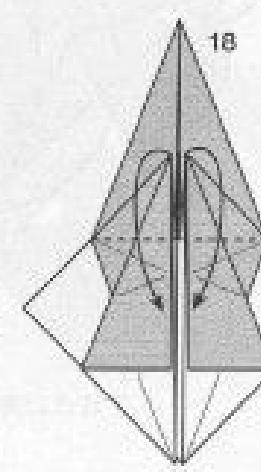
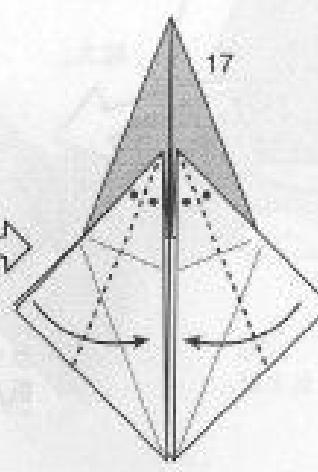
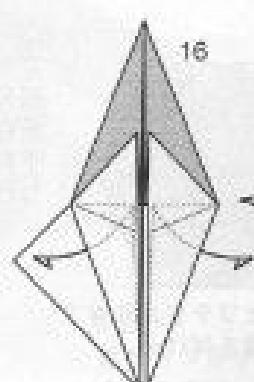
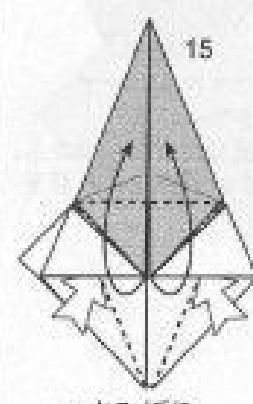
前川淳
MAEKAWA Jun



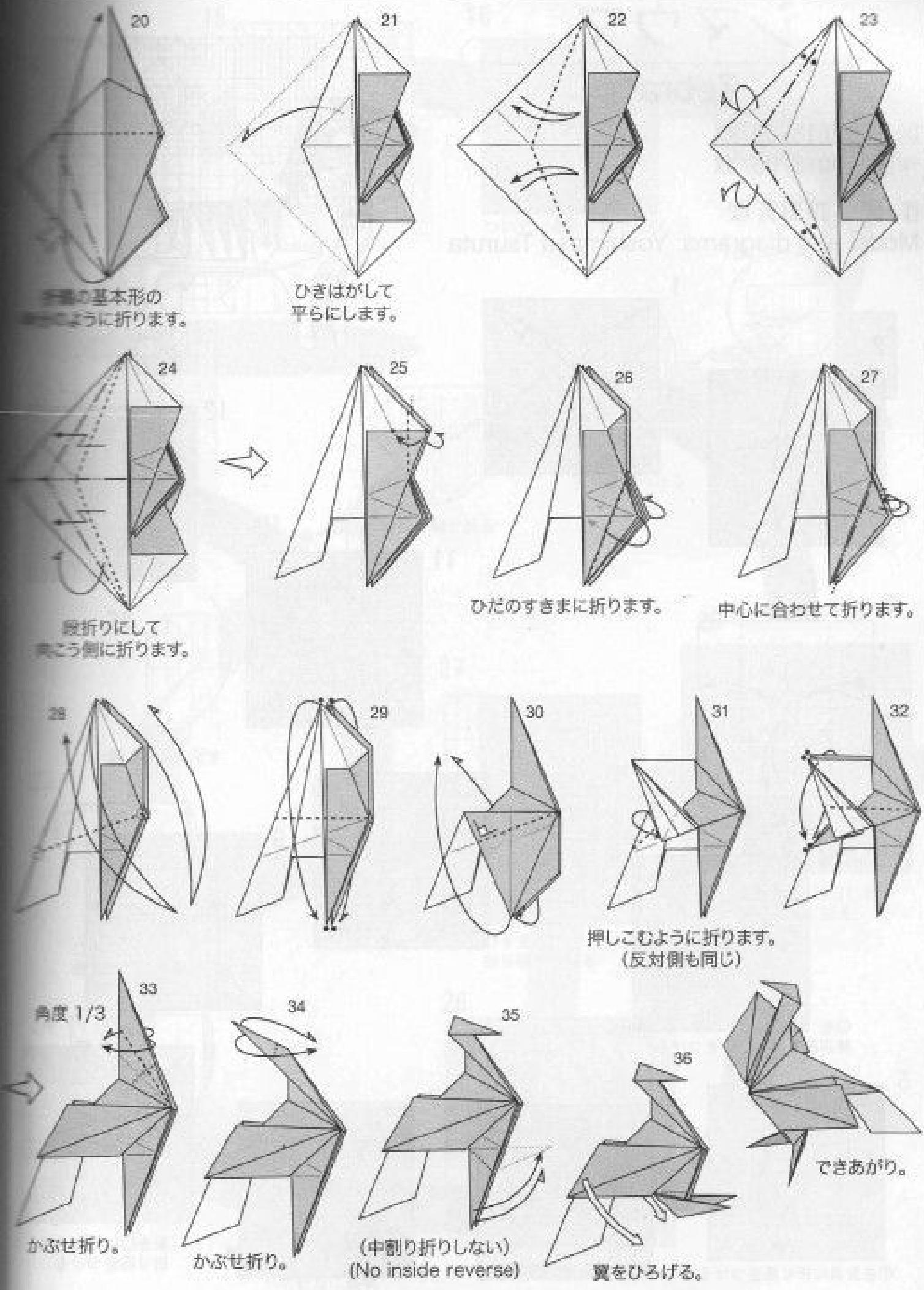
ひらいてつぶす。

中割り折り。

ひらいてつぶす。



つまみ折り。



シマウマ

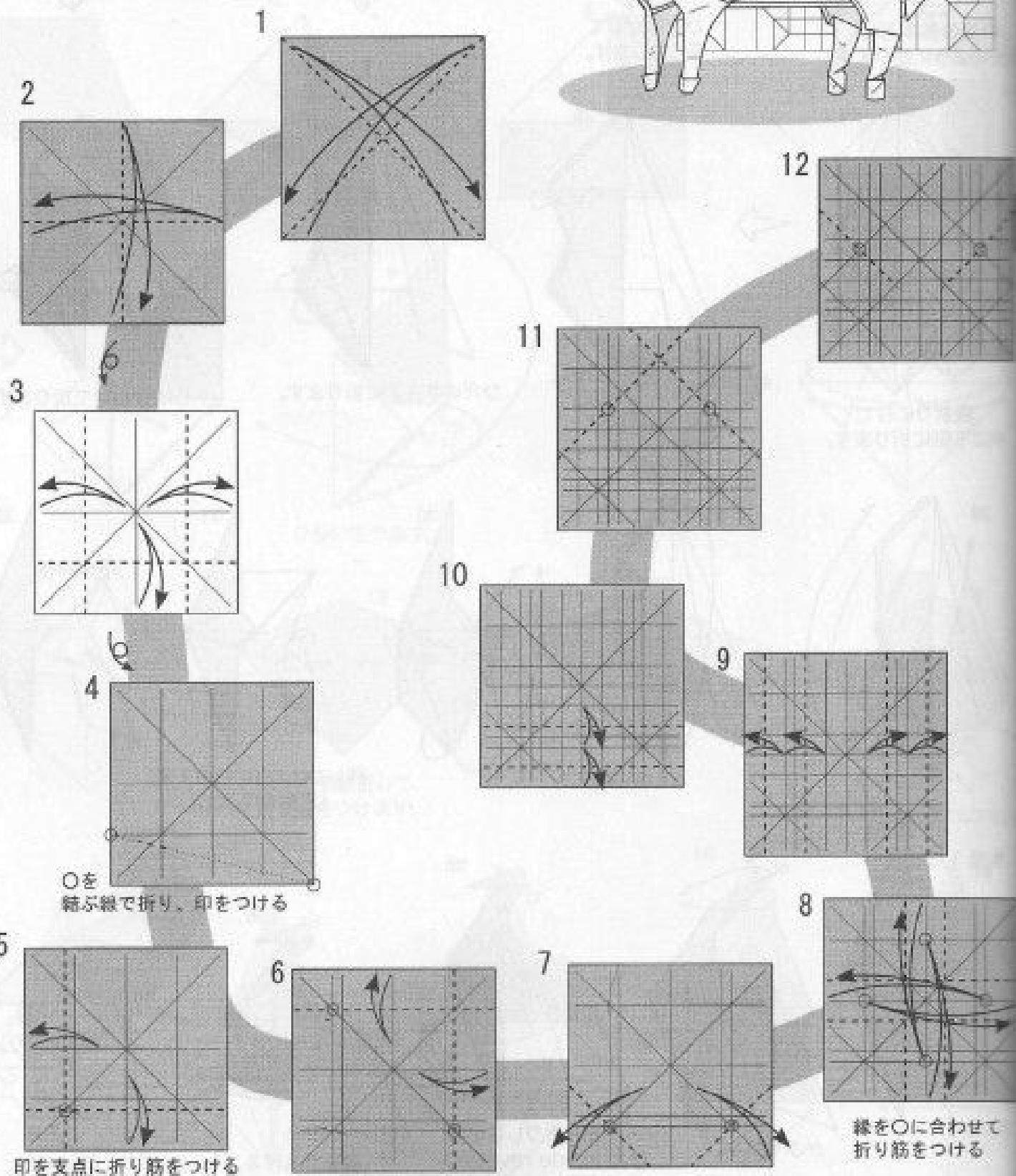
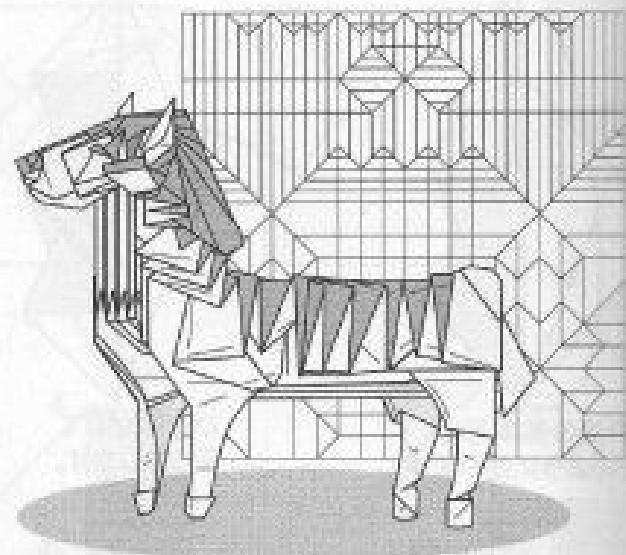
Zebra

創作 : 2015/03/XX

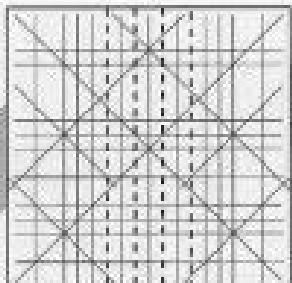
作図 : 2015/06/XX

作/図 : 鶴田芳理

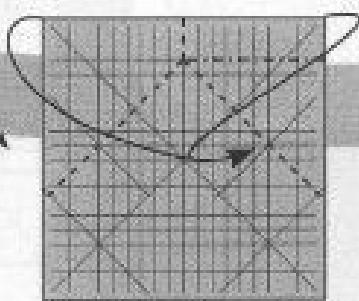
Model and diagrams: Yoshimasa Tsuruta



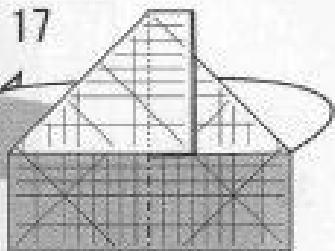
15



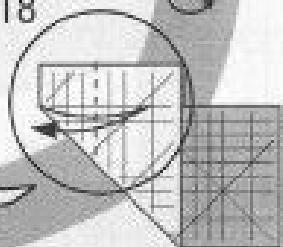
16



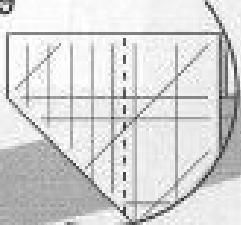
17



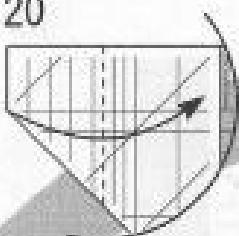
18



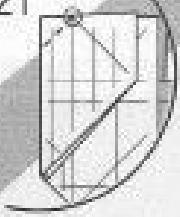
19



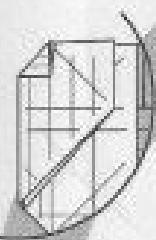
20



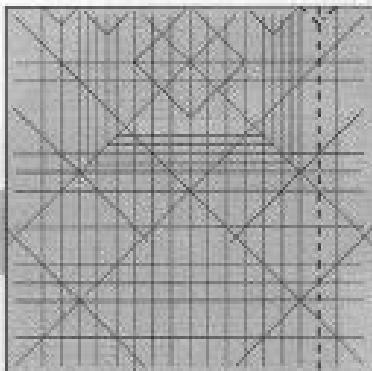
21



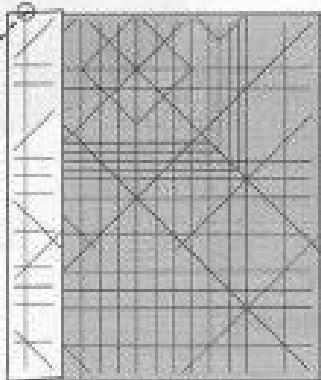
22



28

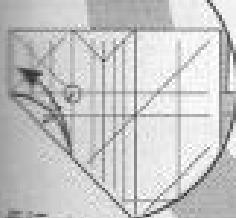


27

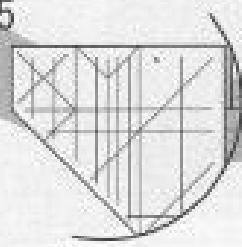


○を支点に
折り筋をつける

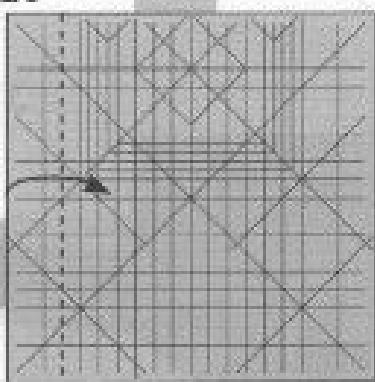
24



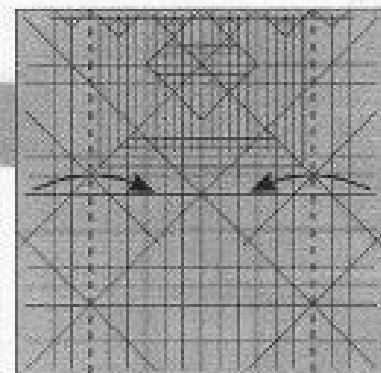
25



26

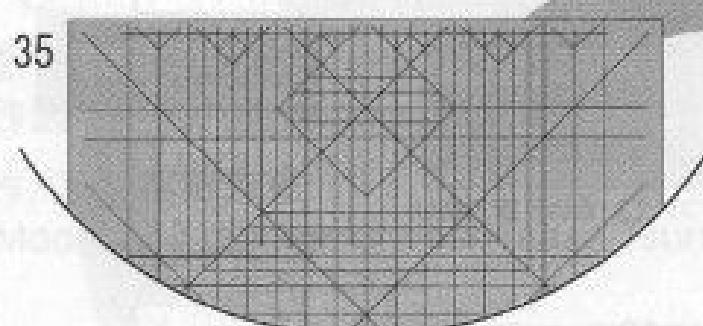


36

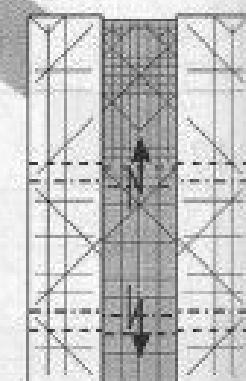


ついている折り筋で折る

35

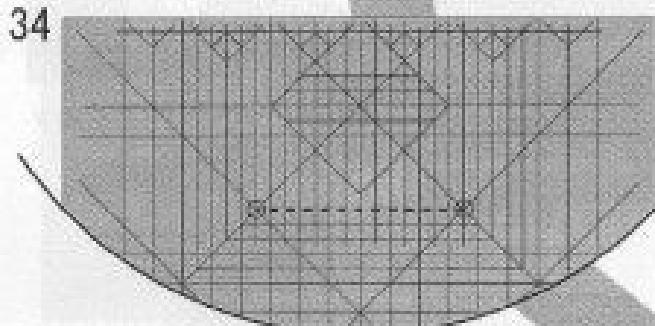


37

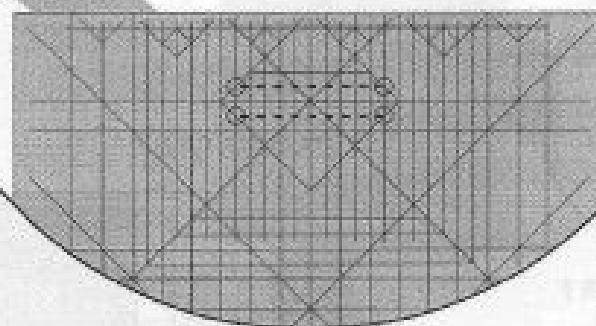


段折り

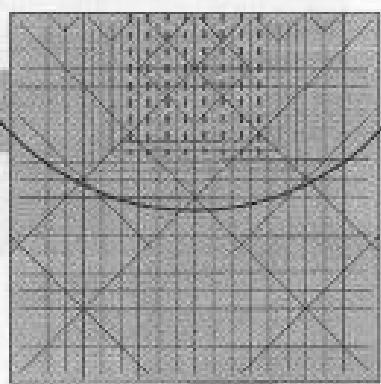
34



33

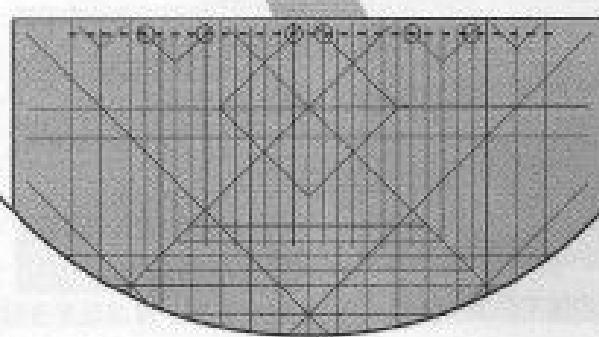


29

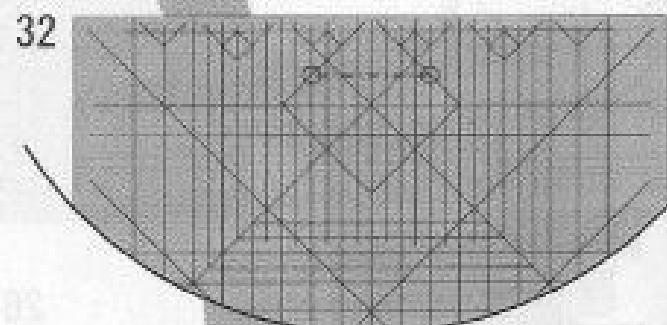


半分の幅で
折り筋をつける

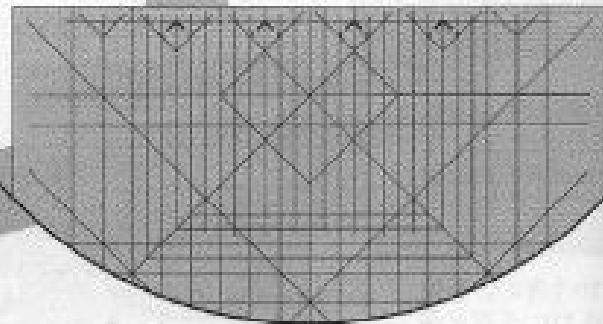
30

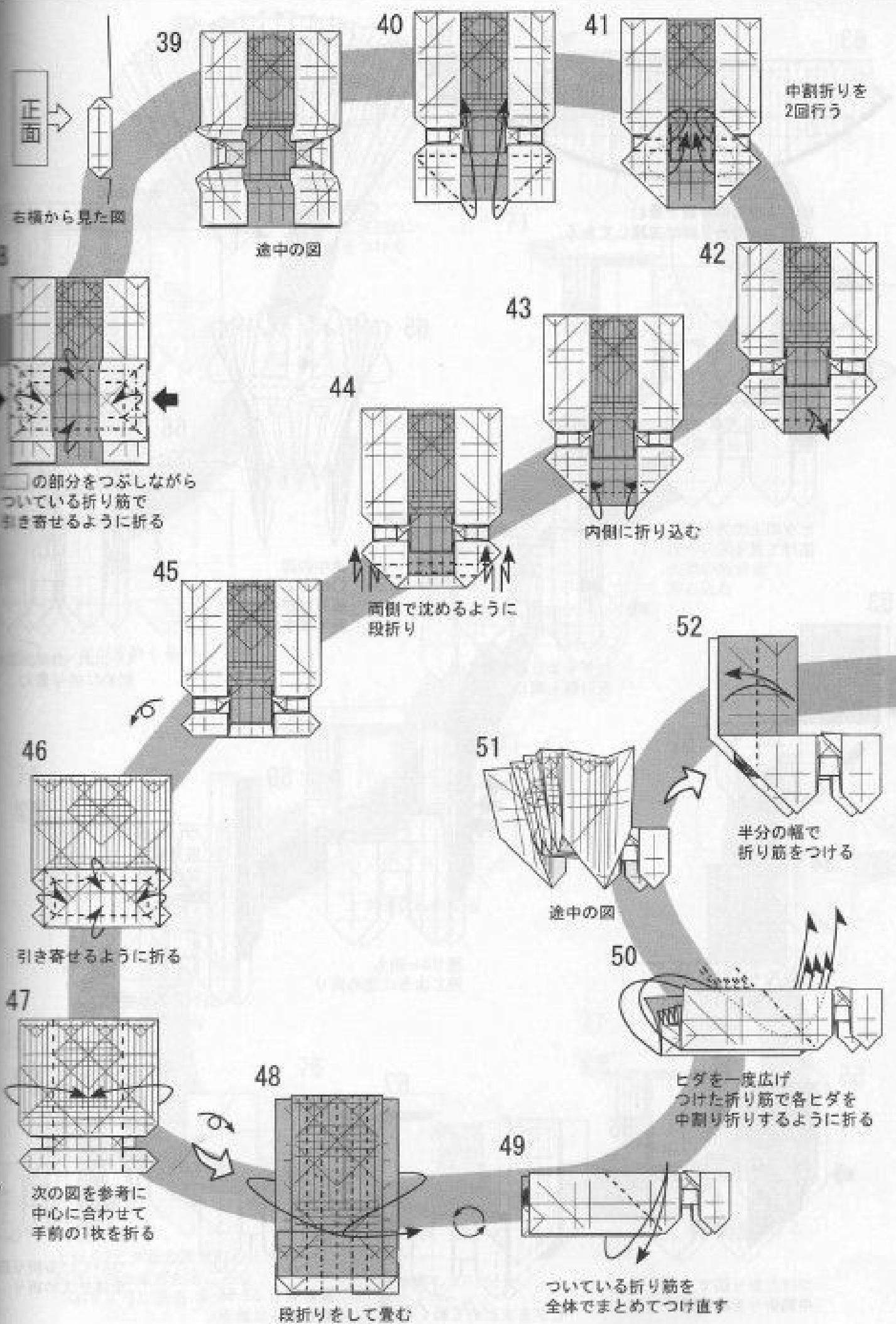


32

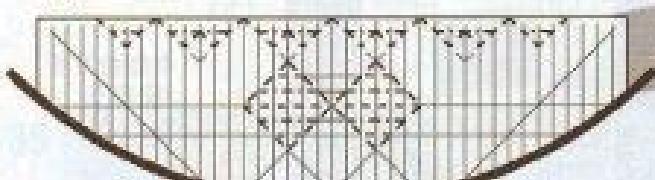


31



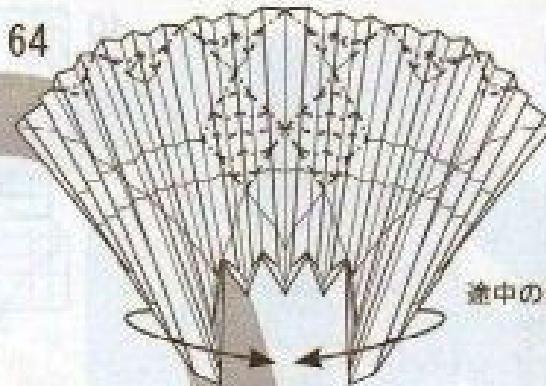


63



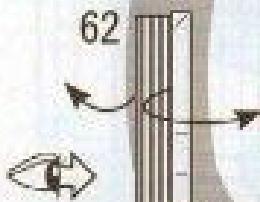
団のような折り筋で覆む
ただし縫の折り線は省略してある

64



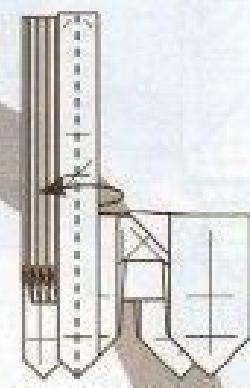
途中の図

62



ヒダの上方の方だけ
広げて見る

61



ヒダをまとめてめくる
反対側も同じ

65

66

途中の図
○のカドを手前に
折りながら
赴くまに

53

54

60

残り3ヶ所も
同じように沈め折り

59

ついている
折り筋で
沈め折り

55

つけた折り筋で
中割折りを繰り返す

56

ヒダをまとめてめくる

57

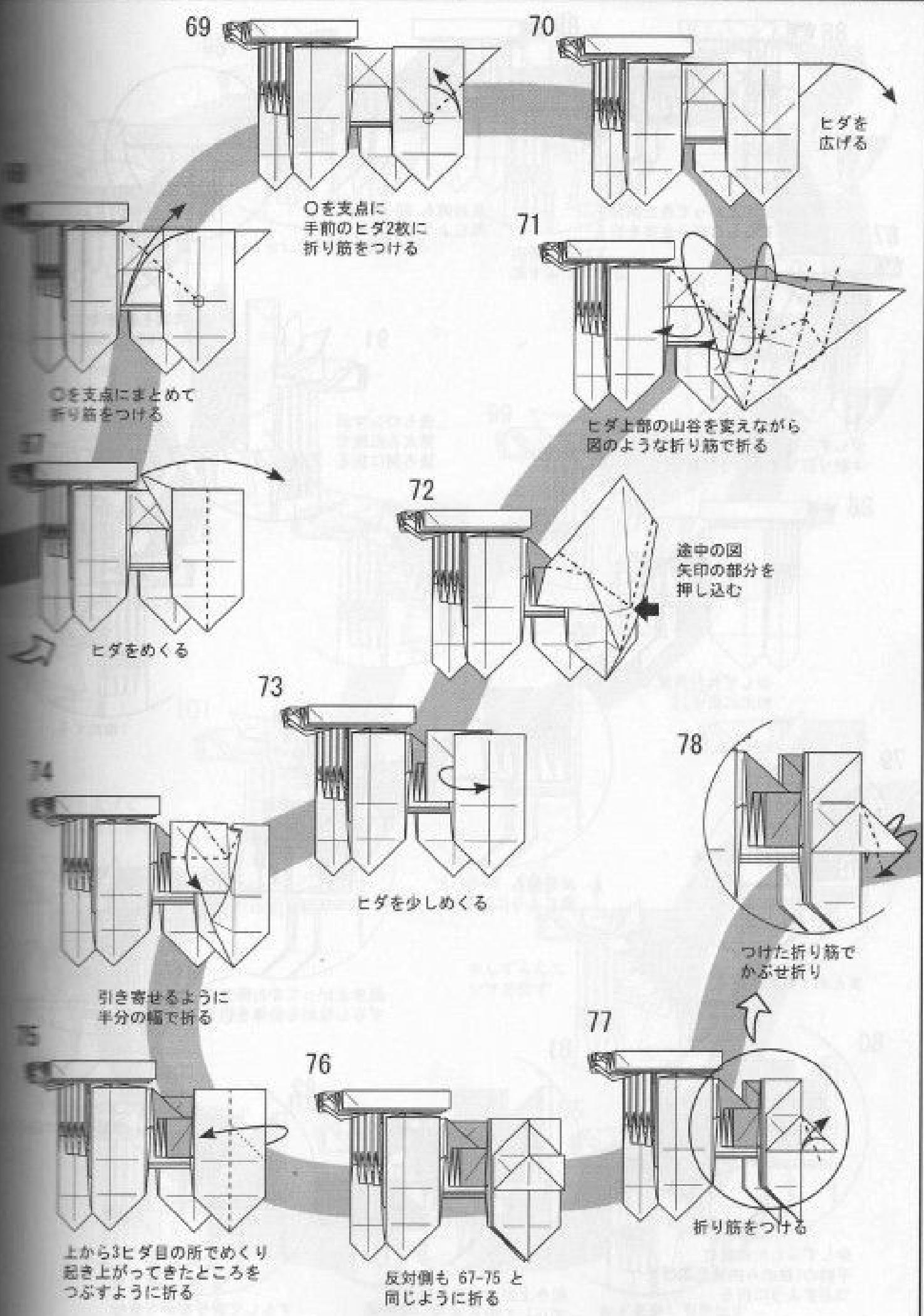
反対側も 52-56 と
同じように折る

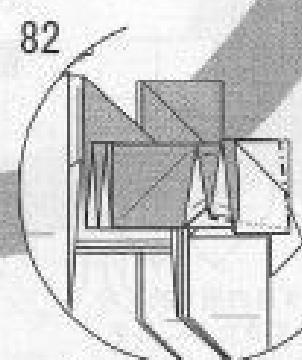
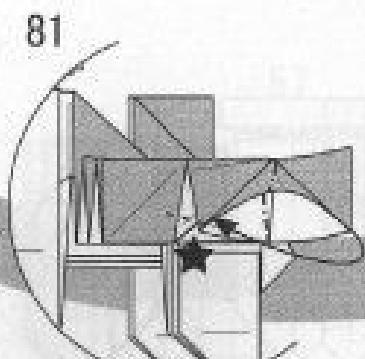
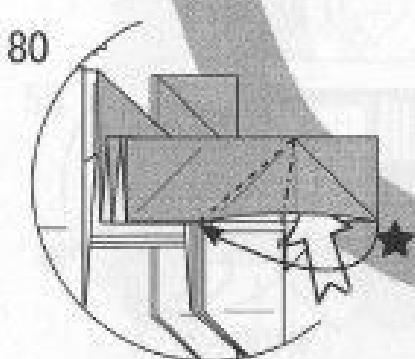
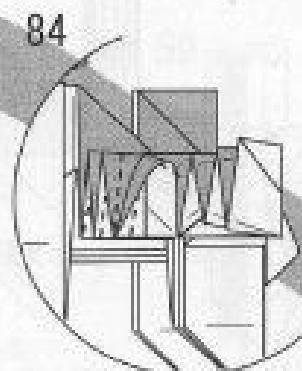
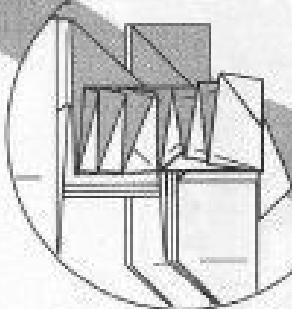
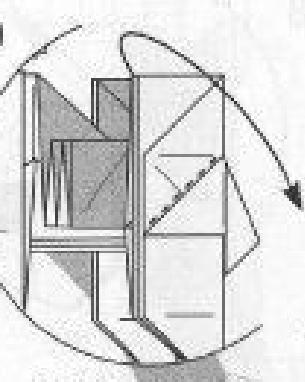
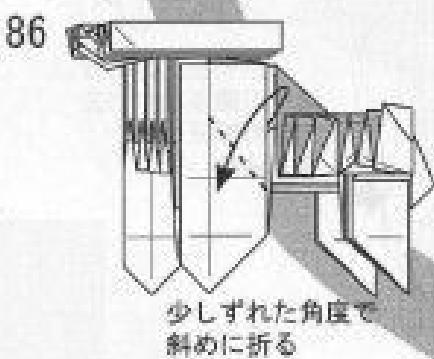
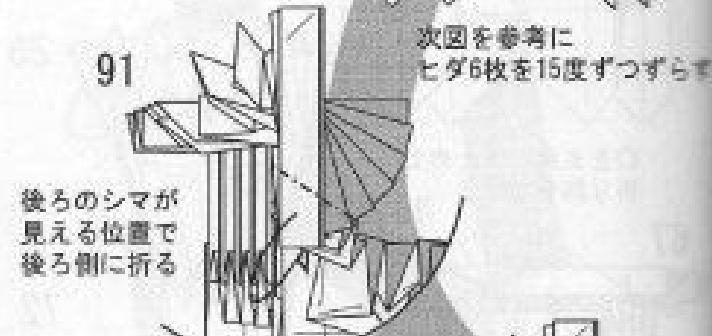
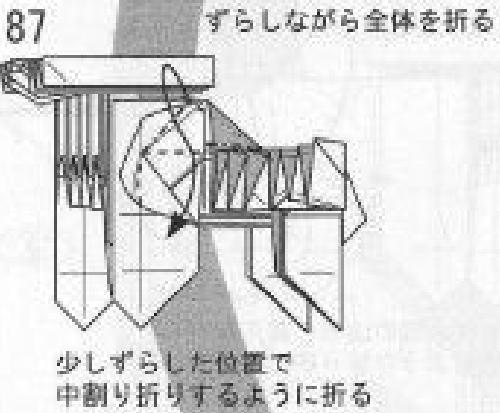
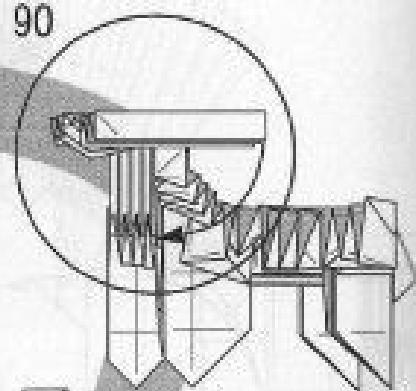
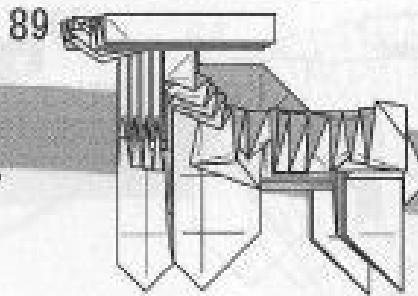
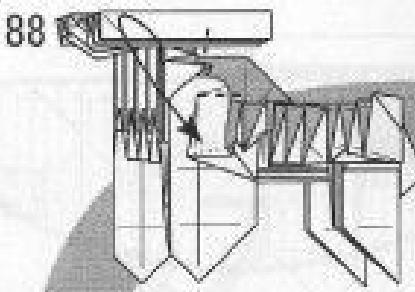
58

ついている折り筋
全体を沈め折る

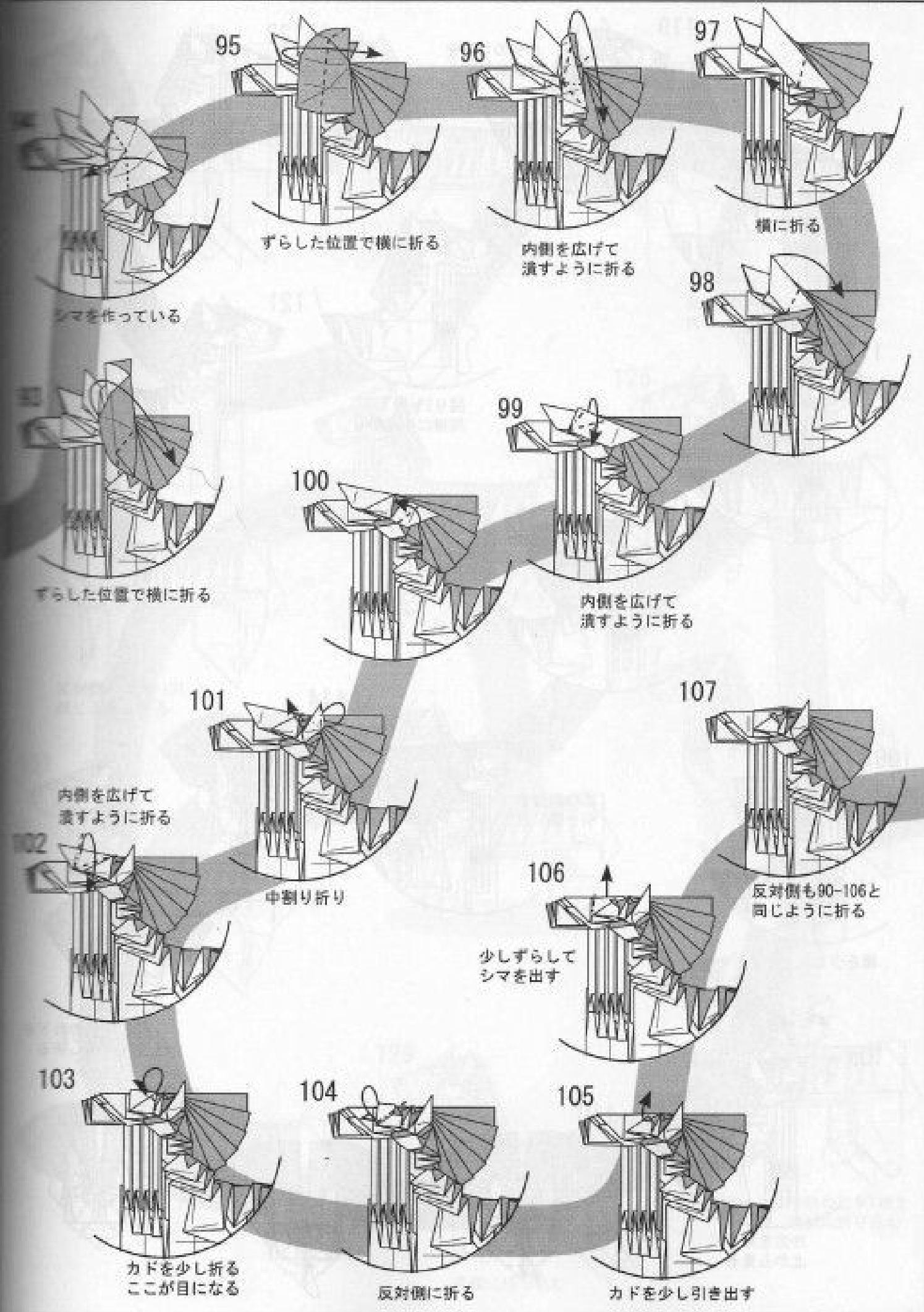
98 第21回折紙原創コンペション折り図集 vol.21 2015年

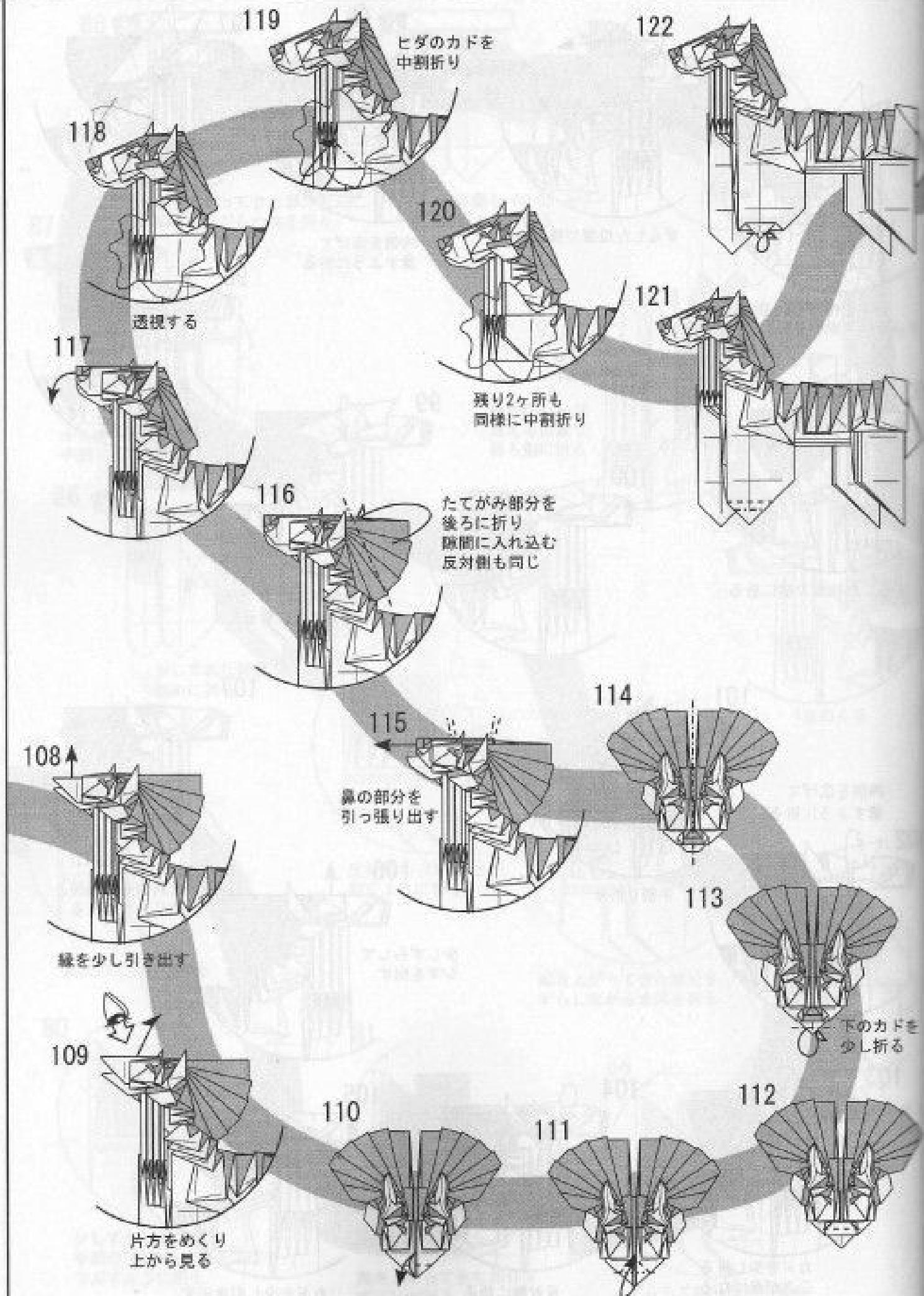
The 21st Origami Taisho Dan

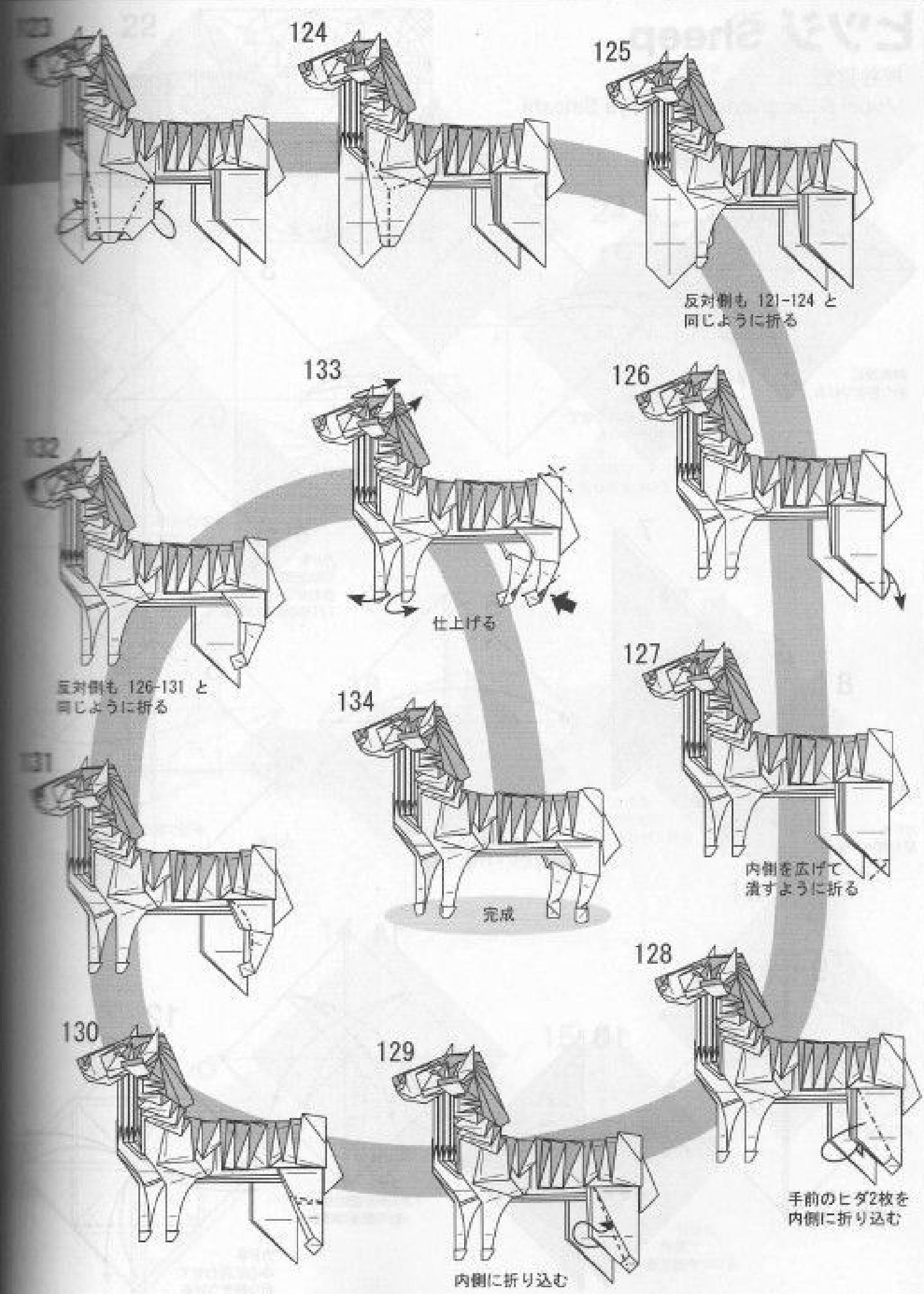




起き上がってきた部分を
ずらして折りながら疊む



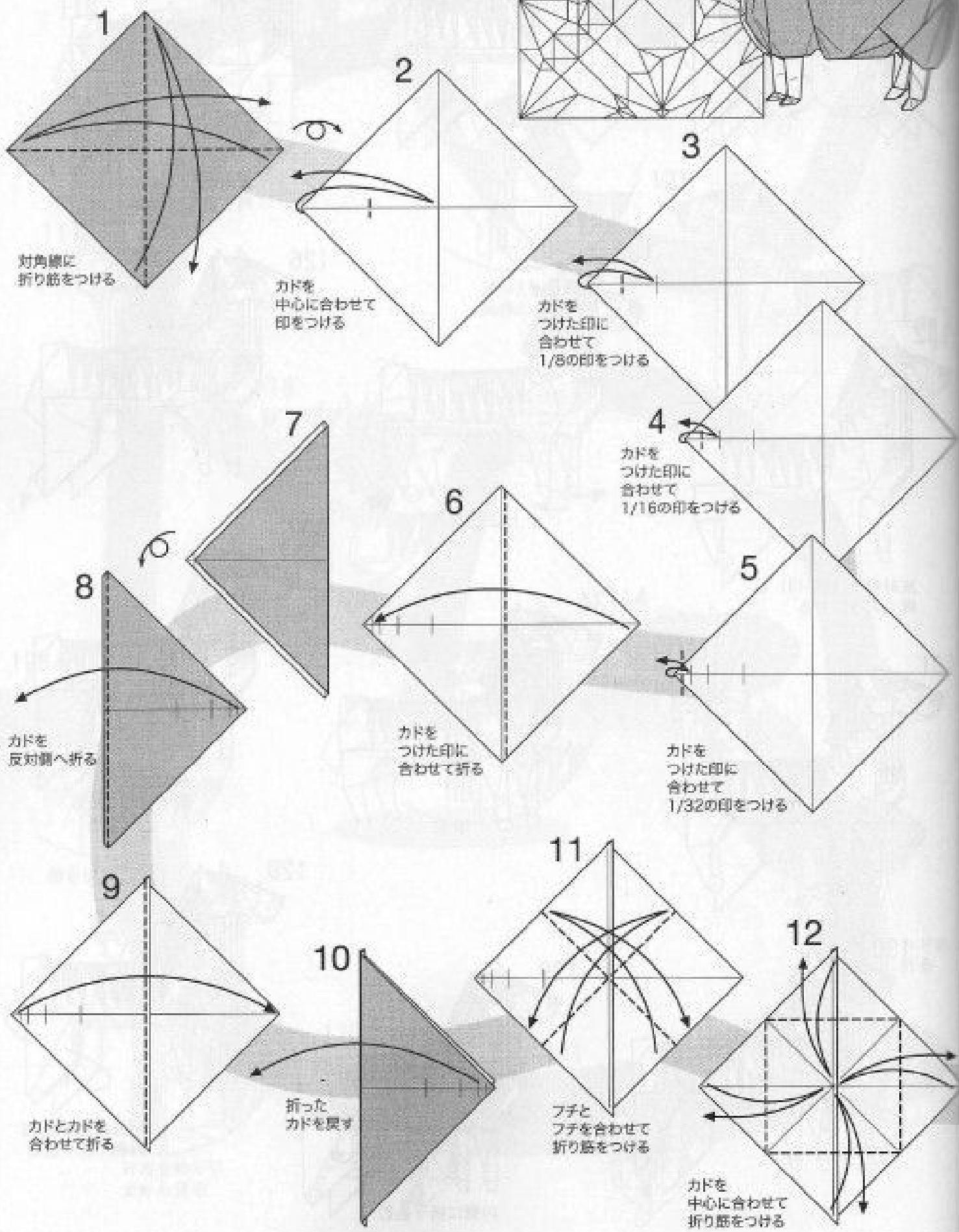
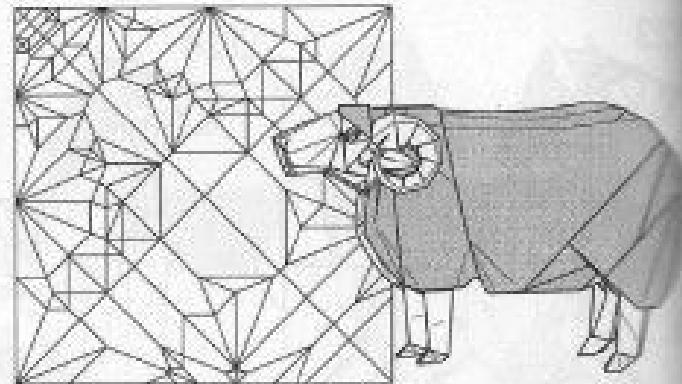


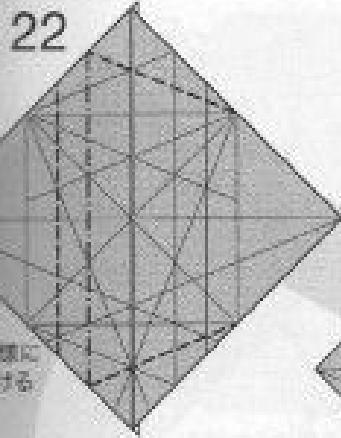


ヒツジ Sheep

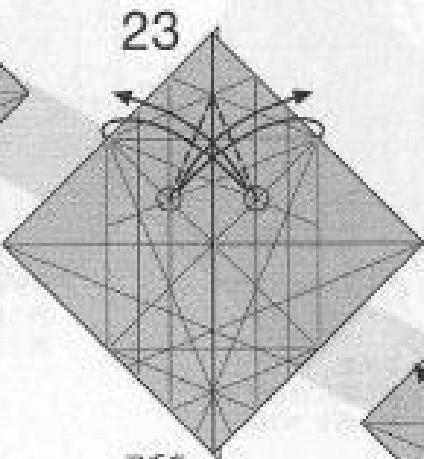
神谷哲史

Model & Diagrams by Kamiya Satoshi

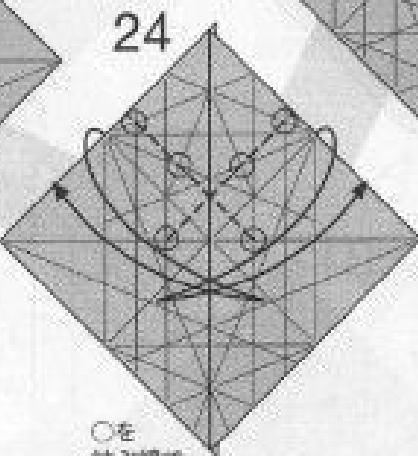




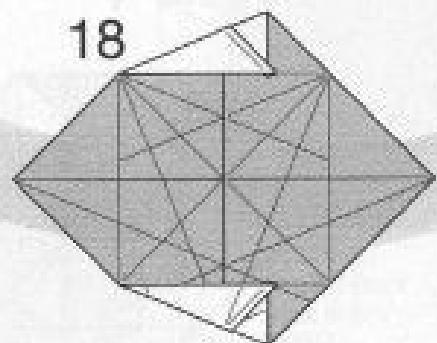
二、東京と
大阪と接觸以
て手をつける



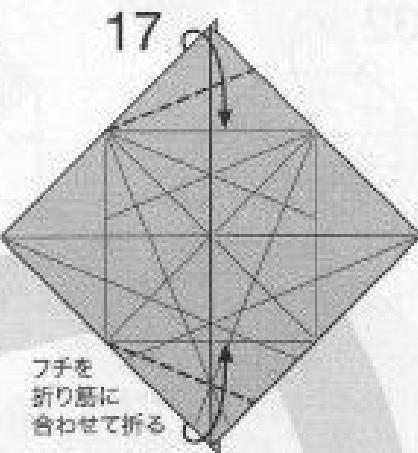
フチを
○に合わせて
折り返をつけろ



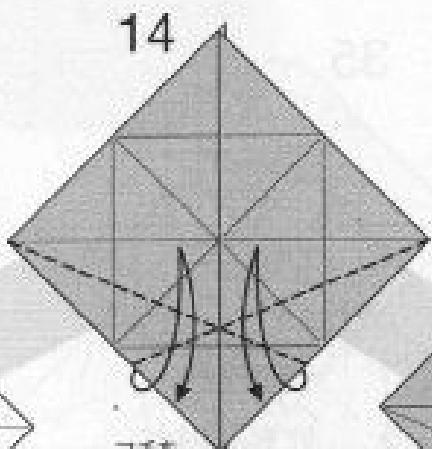
○を
結ぶ線で
折り紙をつける



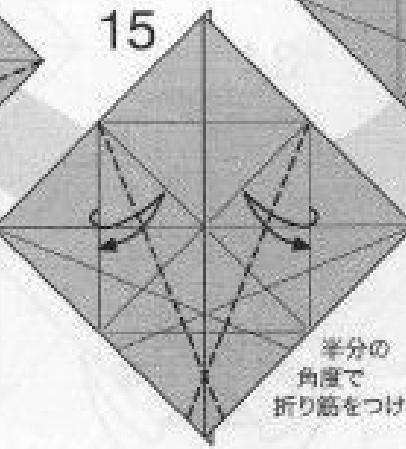
力で左結ぶ線で折る



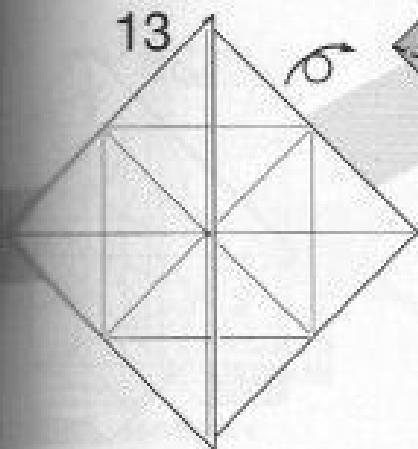
フチを
折り筋に
合わせて折る



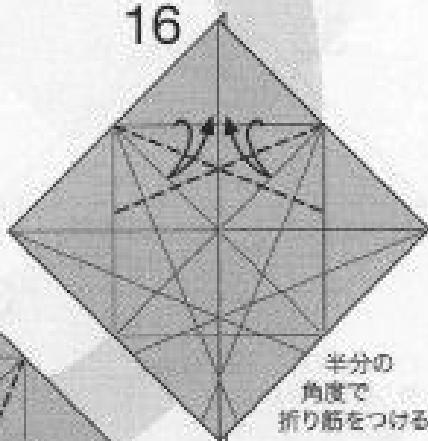
フチを
折り筋に合わせて
折り筋をつける



半分の
角度で
折り筋をつける

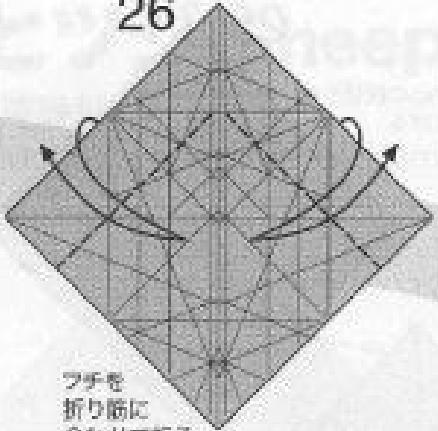


フチを
折り筋に合わせて
折り筋をつける

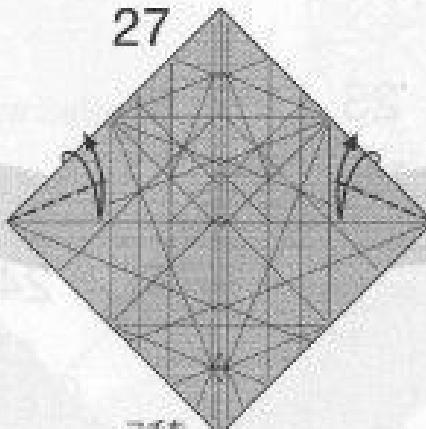


半分の
角度で
折り詰をつける

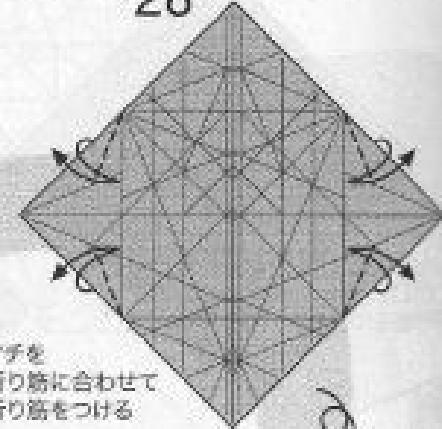
26



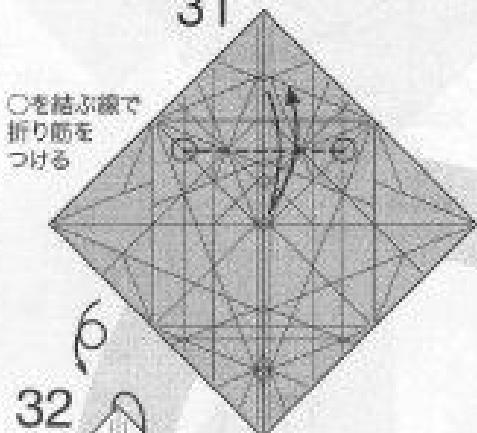
27



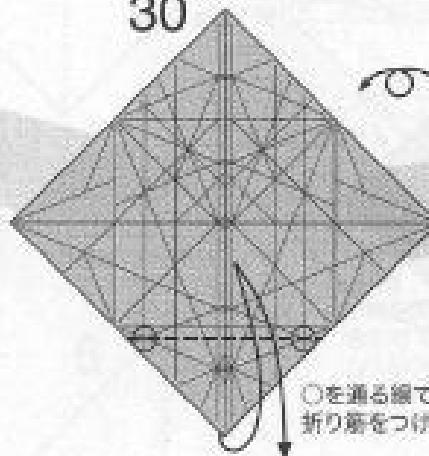
28



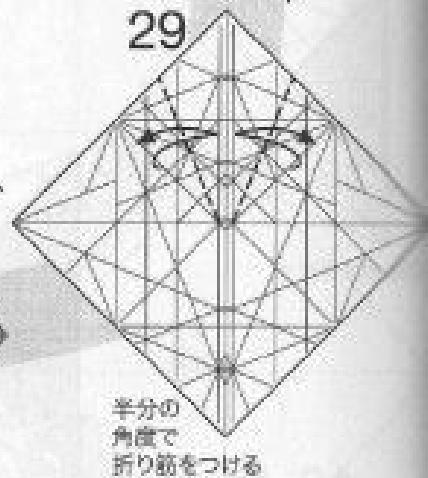
31



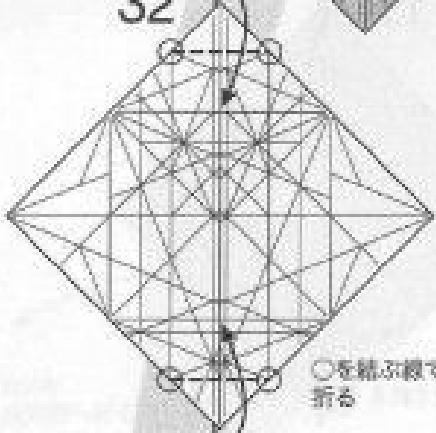
30



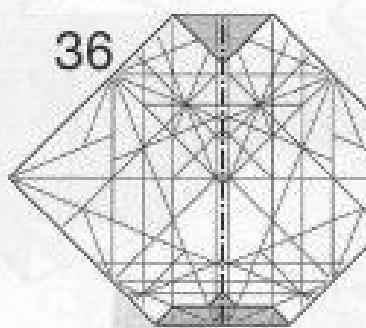
29



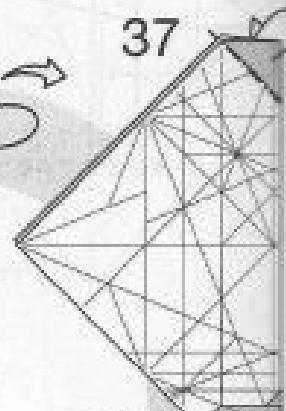
32



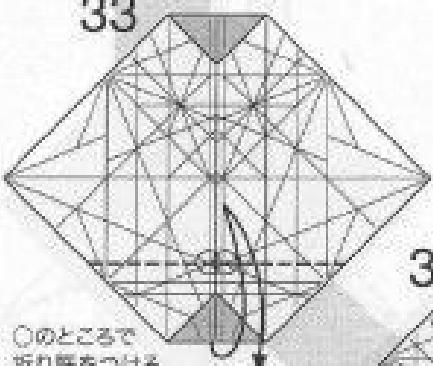
36



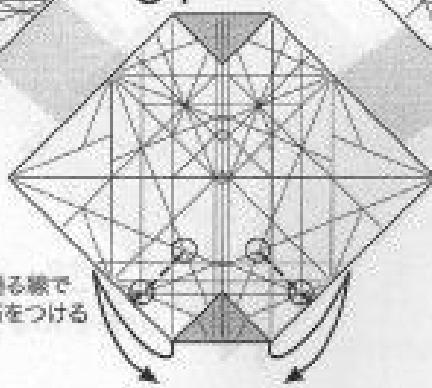
37



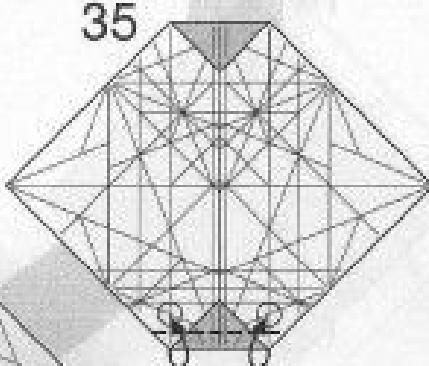
33



34

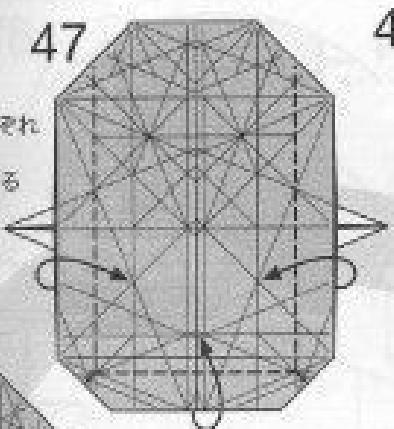


35

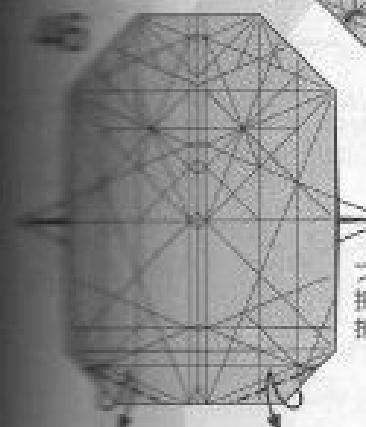
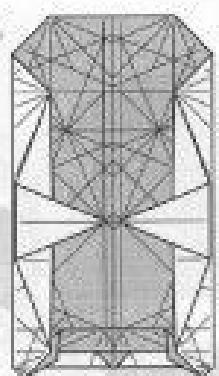


38

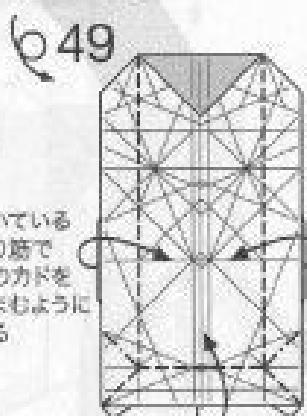




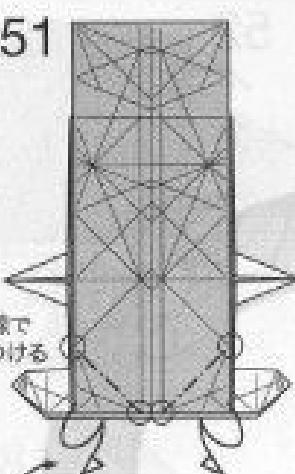
フチをそれぞれ
ついている
折り筋で折る



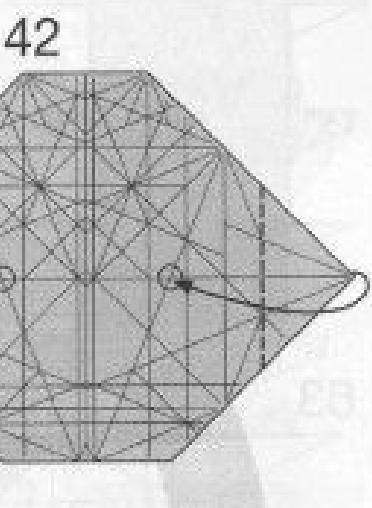
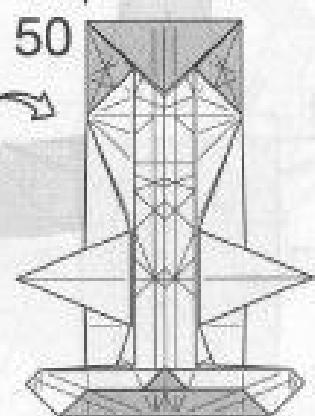
フチを
折り筋に合わせて
折り筋をつける



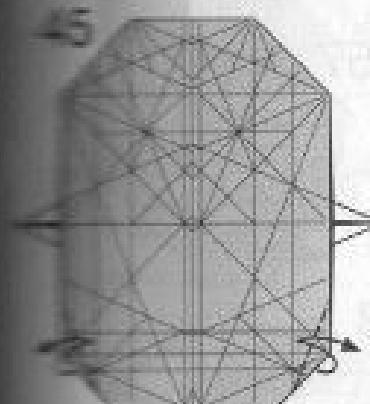
ついている
折り筋で
下のカドを
つまむように
折る



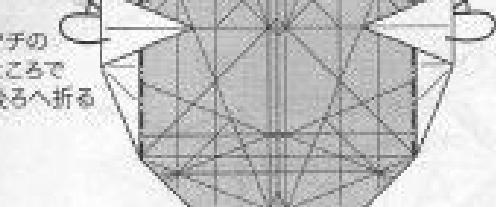
○を結ぶ線で
折り筋をつける



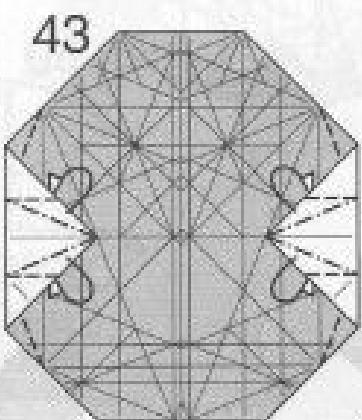
カドを○に
合わせて折る



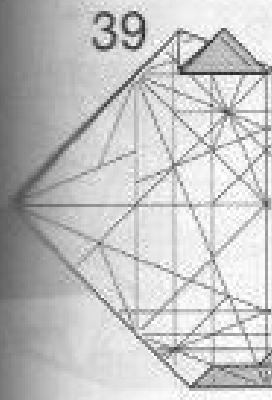
フチを折り筋に合わせて
折り筋をつける



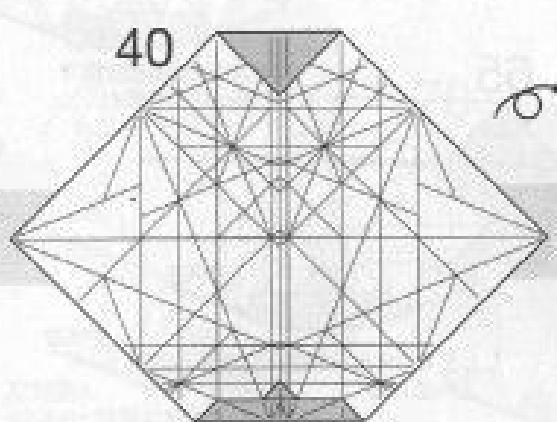
フチの
ところで
後ろへ折る



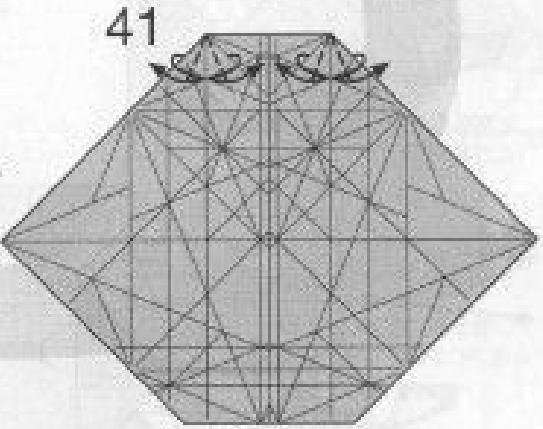
ついている
折り筋を使って
フチを後ろへ
折り込む



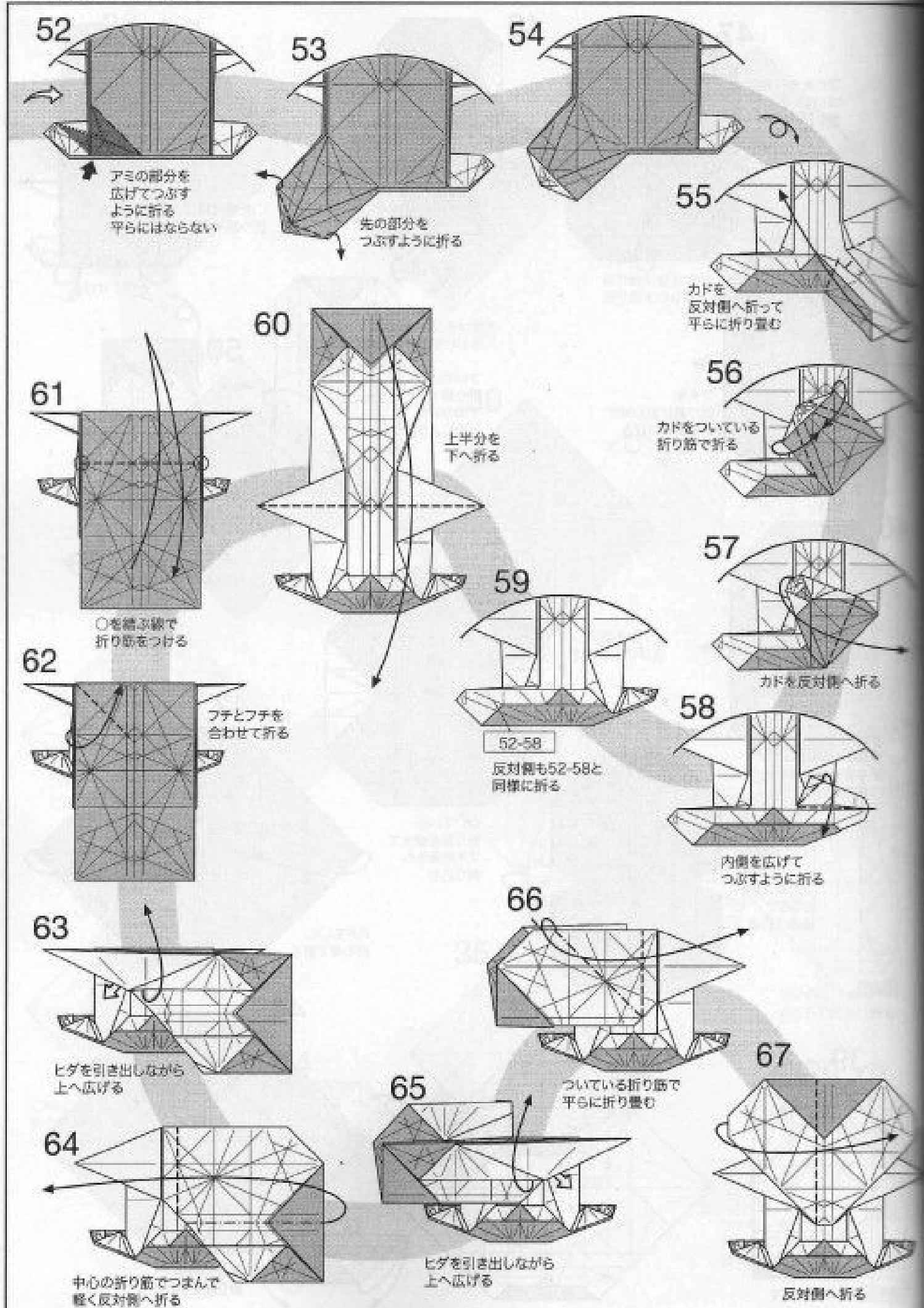
36の形に戻す

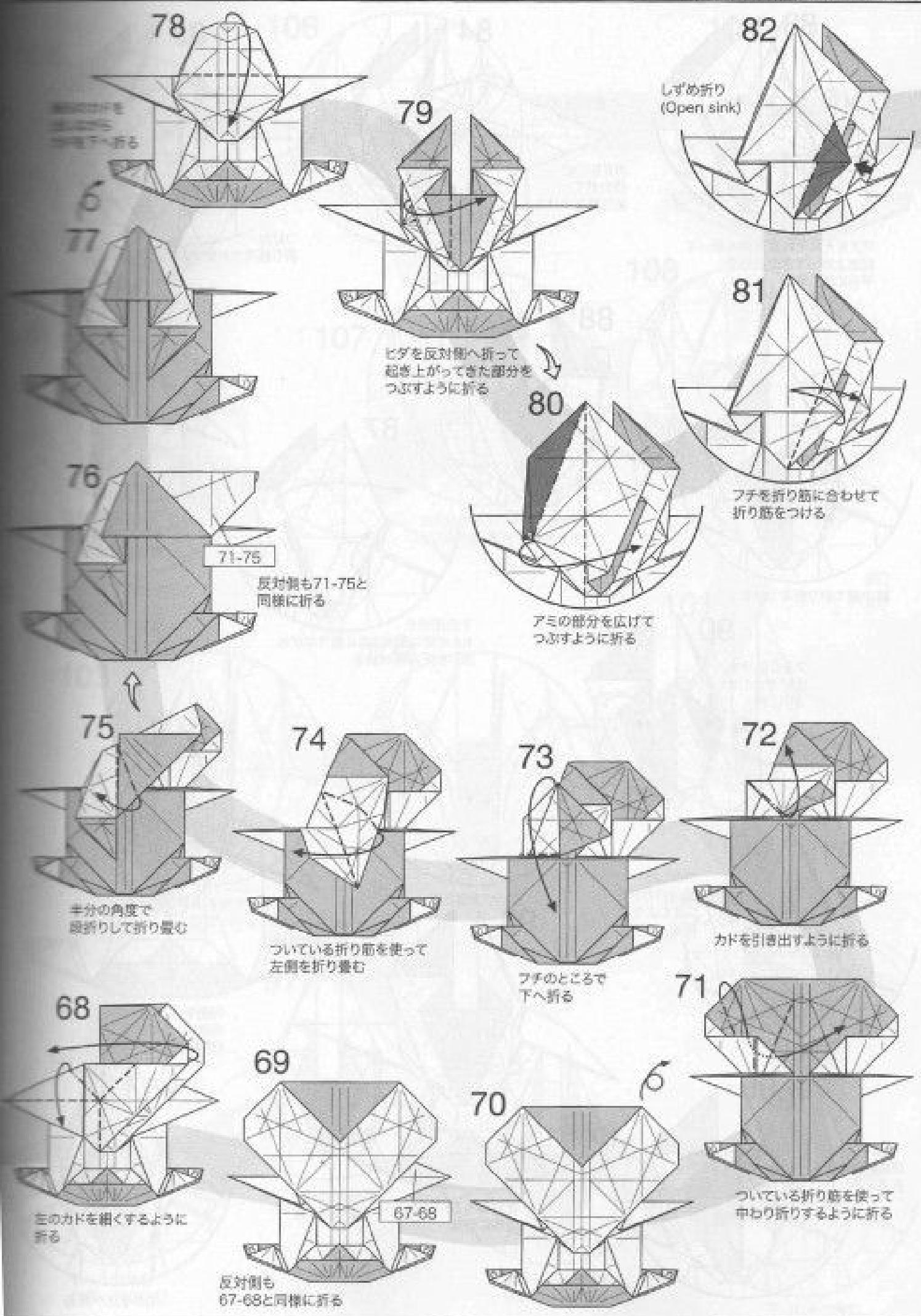


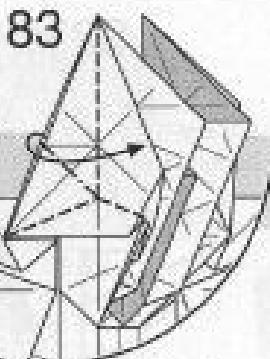
半分の角度で
折り筋をつける



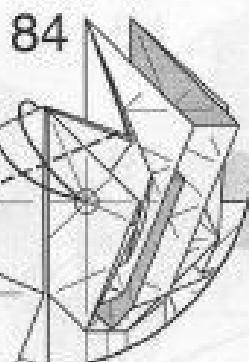
41



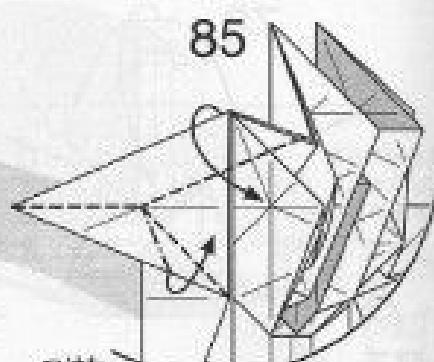




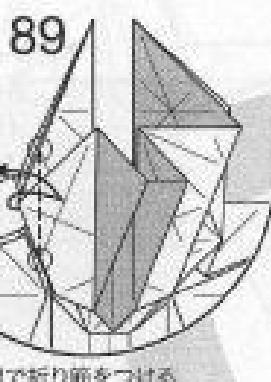
フチをそれぞれ反対側へ折って
起き上がってきた部分を
平らに折り畳む



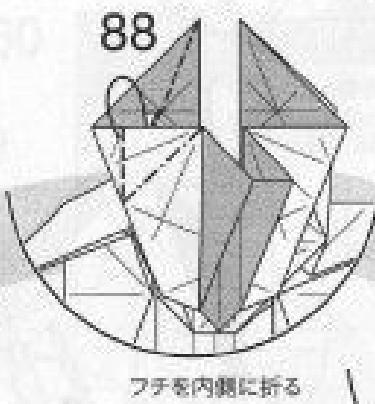
カドを○に
合わせて
折り筋をつける



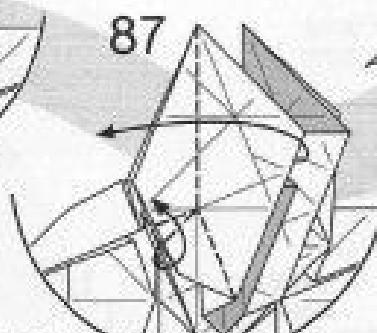
つけた
折り筋でカドをつまむように折る



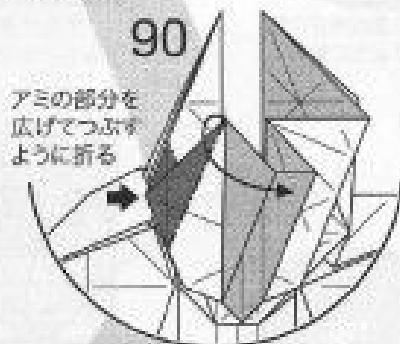
○を
輪び線で折り筋をつける



フチを内側に折る



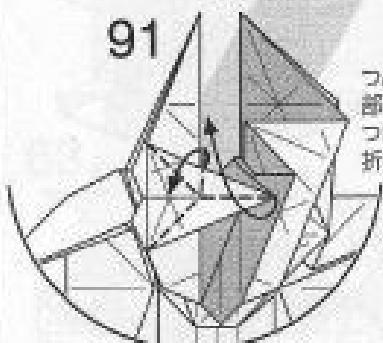
下の部分を
もとの形に戻すように折りながら
カドを反対側へ折る



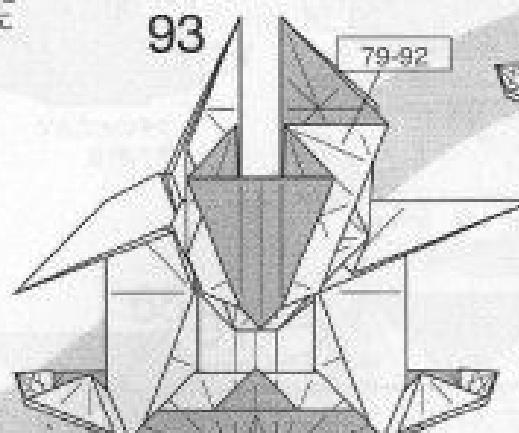
アミの部分を
広げてつぶす
ように折る



つまむように折る
新しくつける折り筋の
角度に注意

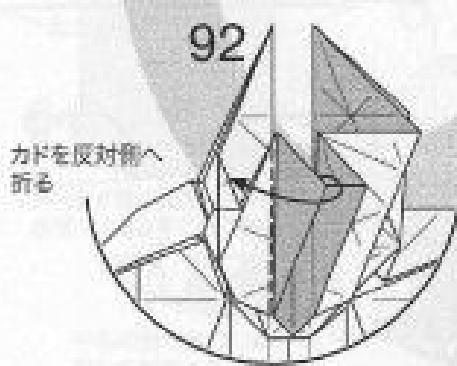


つぶした
部分のカドを
つまむように
折る

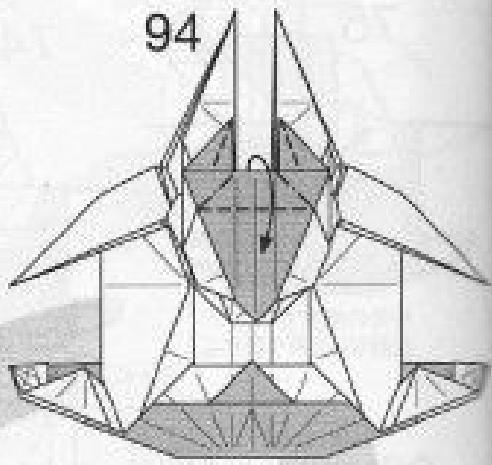


79-92

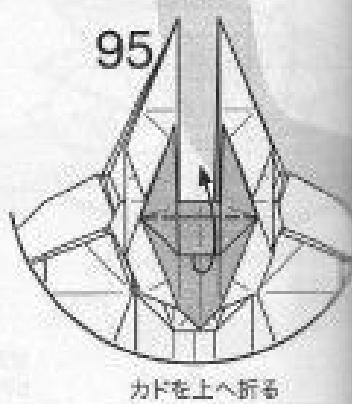
反対側も79-92と
同様に折る



カドを反対側へ
折る

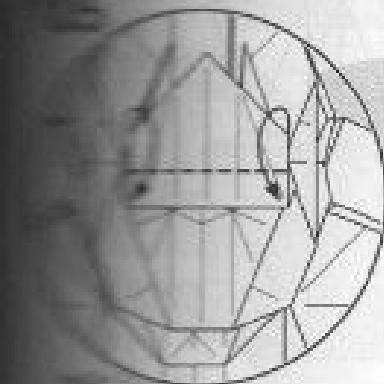


内側を広げて
つぶすように折る
(花井折り)



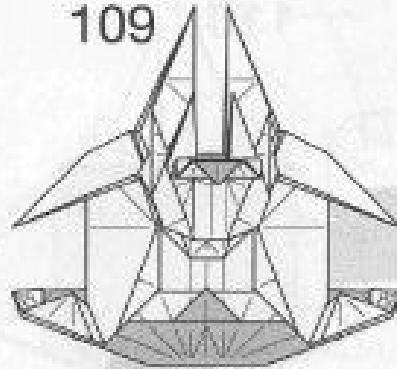
カドを上へ折る

106

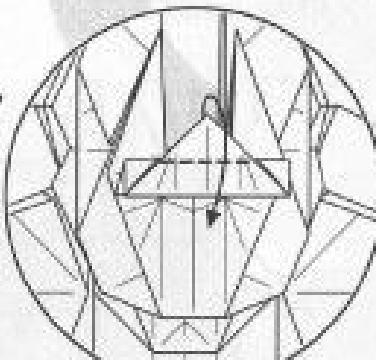


カドを結ぶ線で
上へ折る

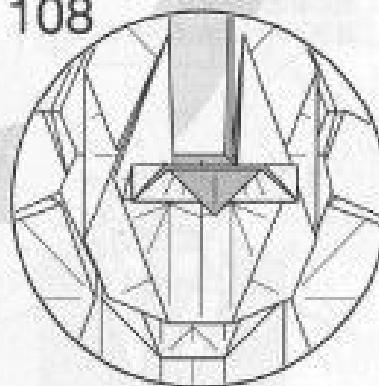
109



107

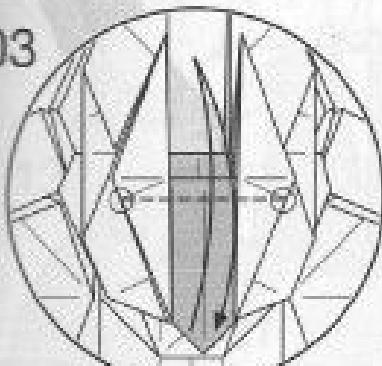


108



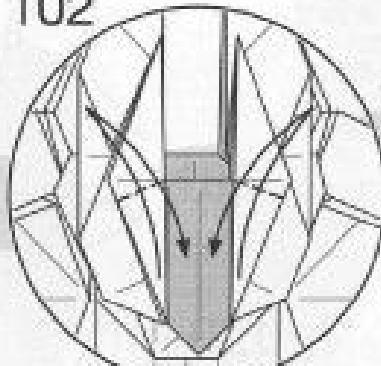
つぶした折り筋を使って
内側を広げて
つぶすように折る

103



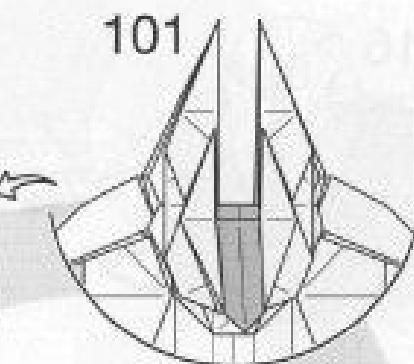
○を結ぶ線で
折り筋をつくる

102

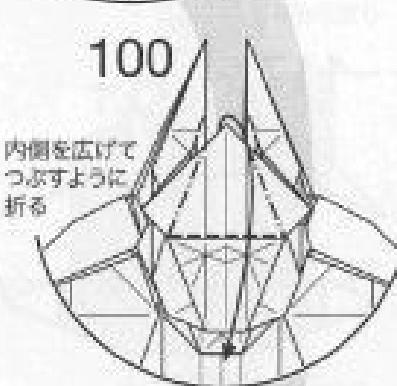


折り筋をつくる

101

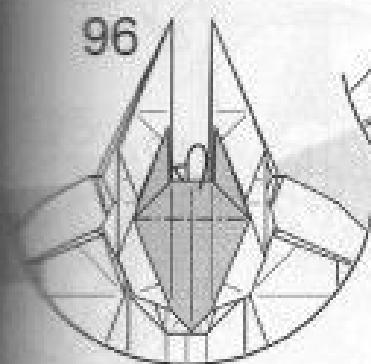


100



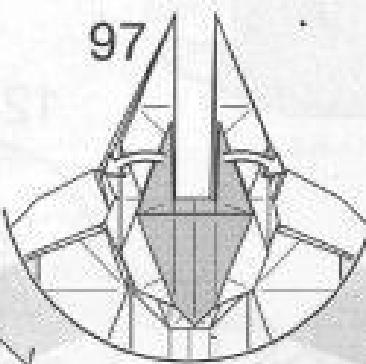
内側を広げて
つぶすように
折る

96



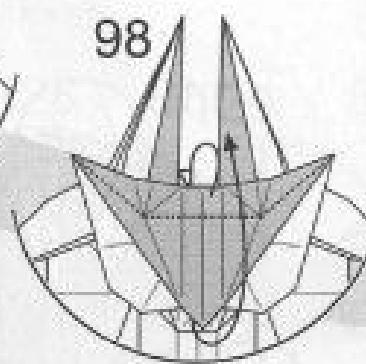
折った部分を
内側へ折り込む

97



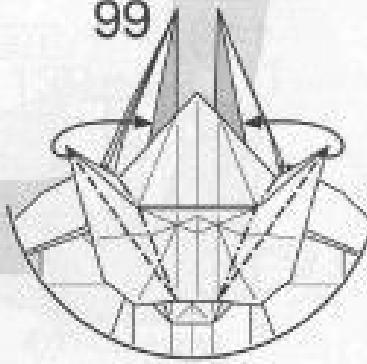
折った部分を
軽く広げる

98



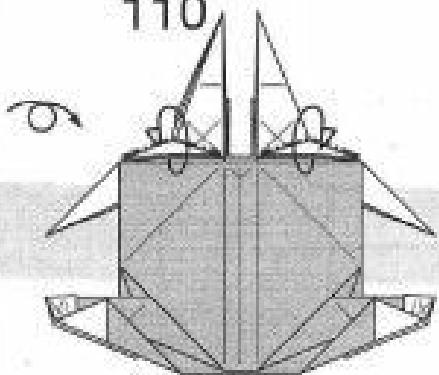
紙のカドの部分を
はがすように折る

99

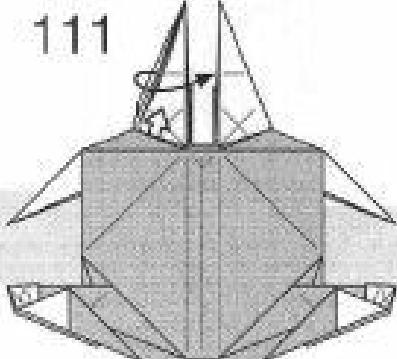


平らに折り畳む

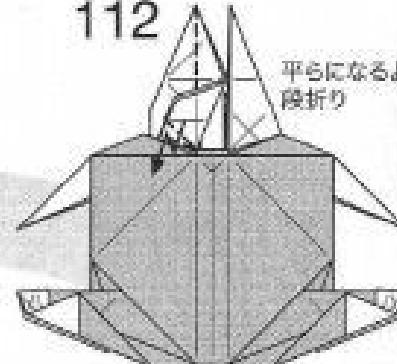
110

紙の裏面の部分を
裏返すようにうしろへ折る

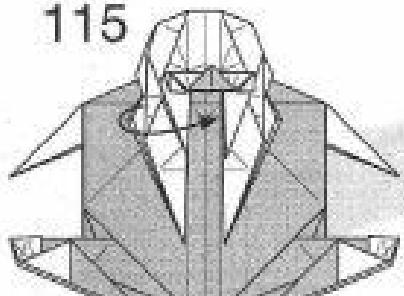
111

3枚のヒダを板本の部分から
反対側へ引き出す

112

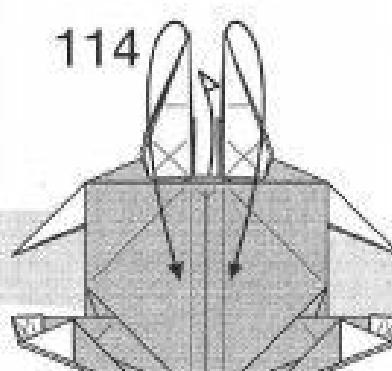
平らになるように
段折り

115

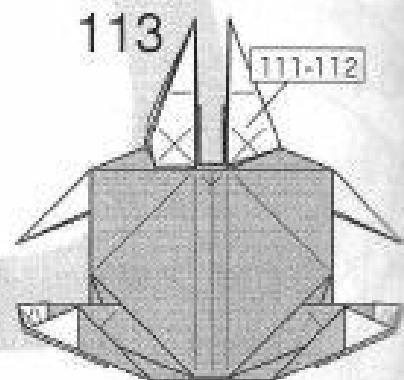


隙間を軽く広げる

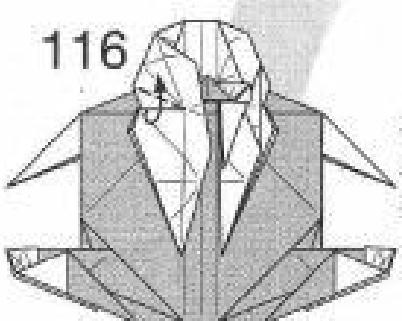
114

後ろのカドを出しながら
カドを下へ折る

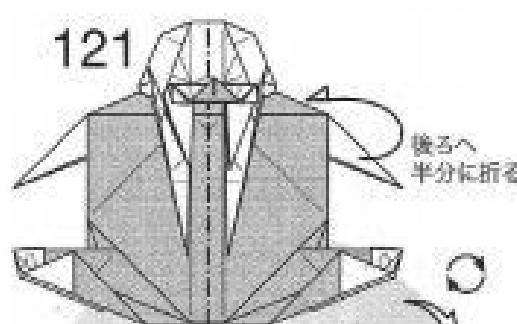
113

反対側も111-112と
同様に折る

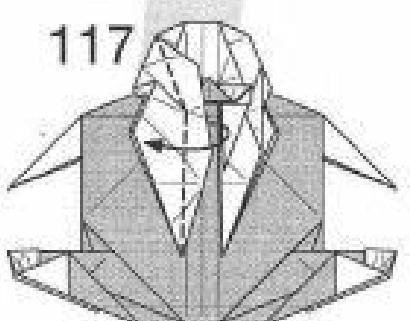
116

カドを上へ折る
ヒダの位置が
ずれている場合は
要調整

121

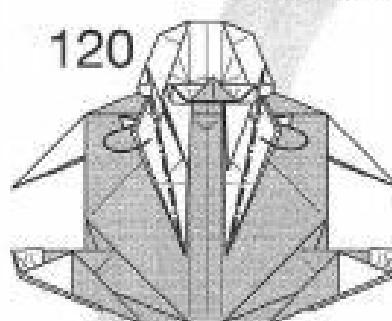
後ろへ
半分に折る

117



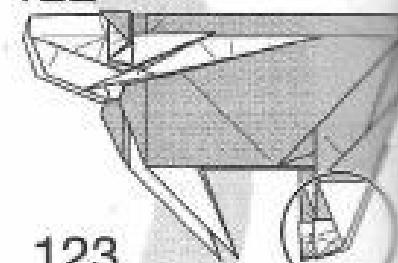
隙間を閉じる

120

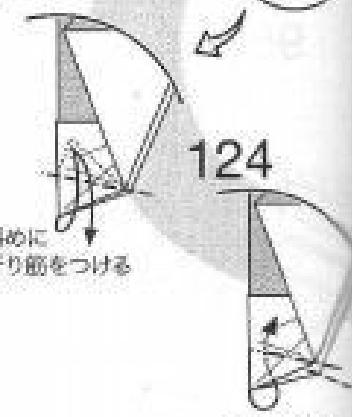


カドを後ろへ折る

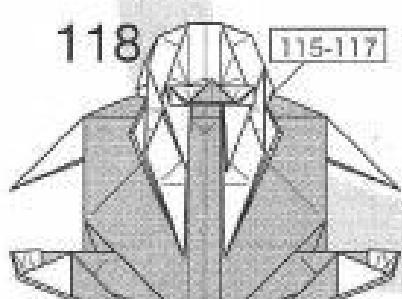
122



123

斜めに
折り筋をつける

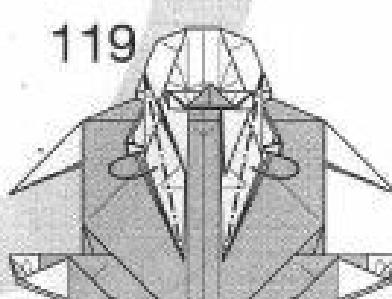
118



115-117

反対側も115-117と
同様に折る

119

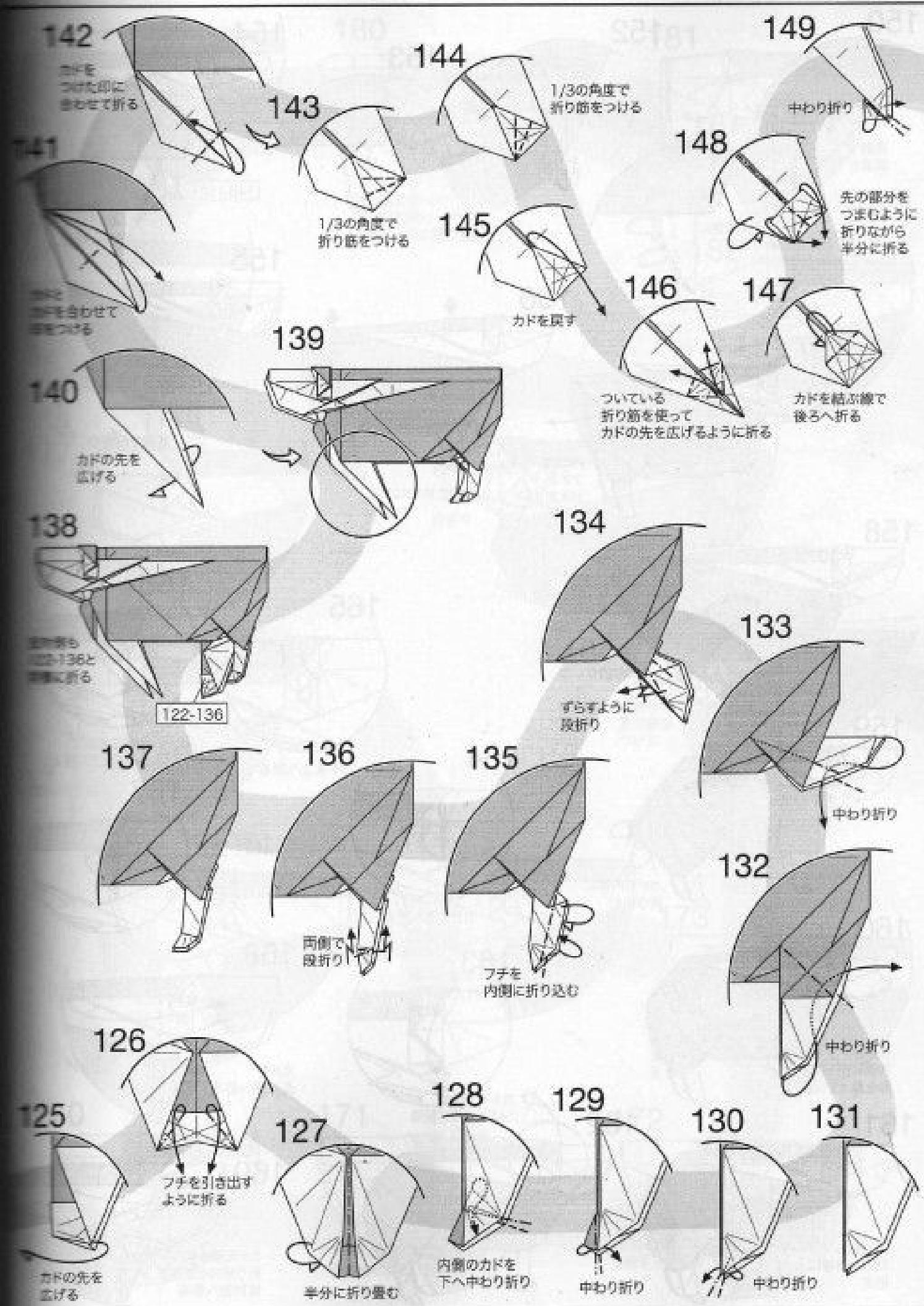


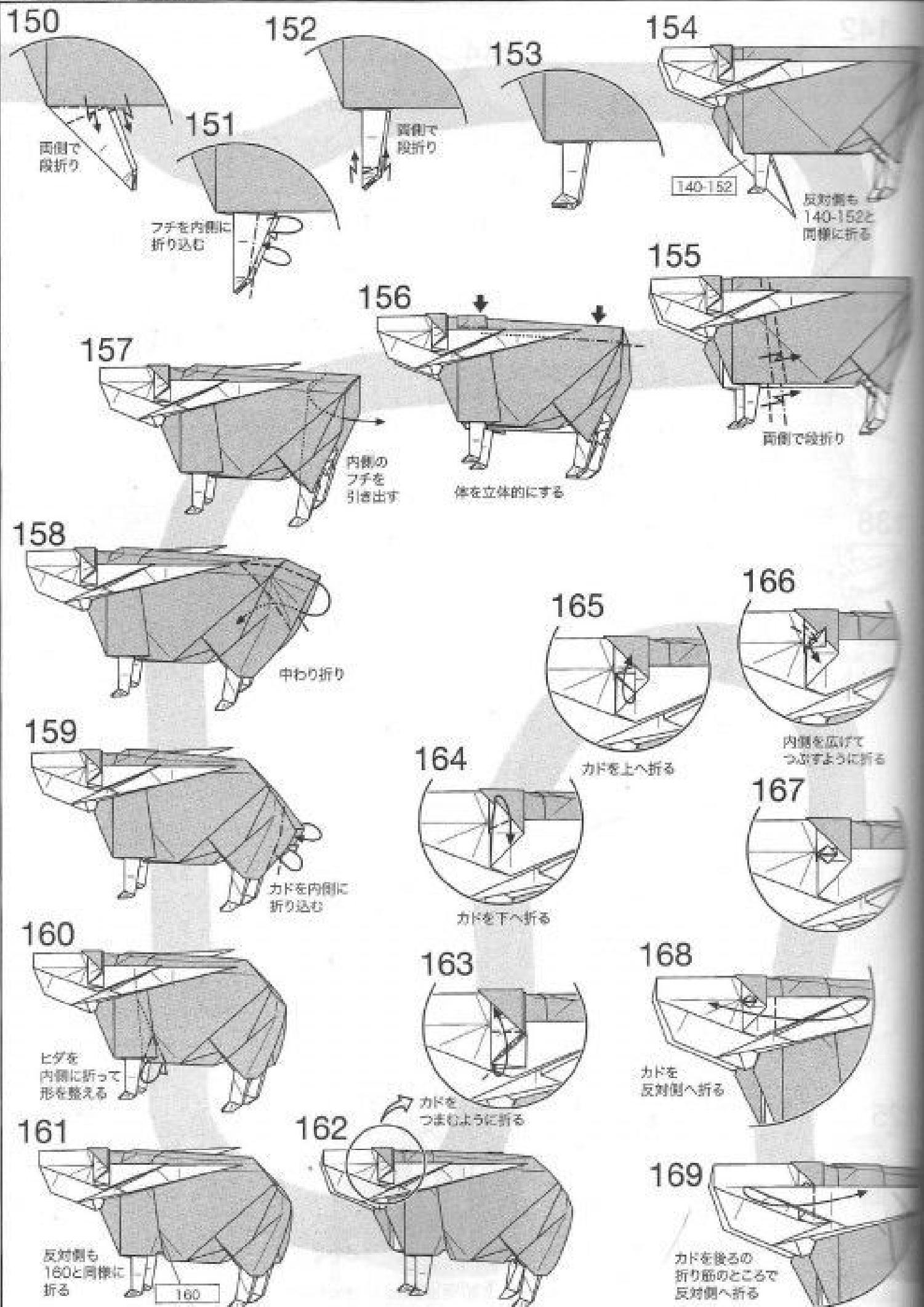
カドを後ろへ折る

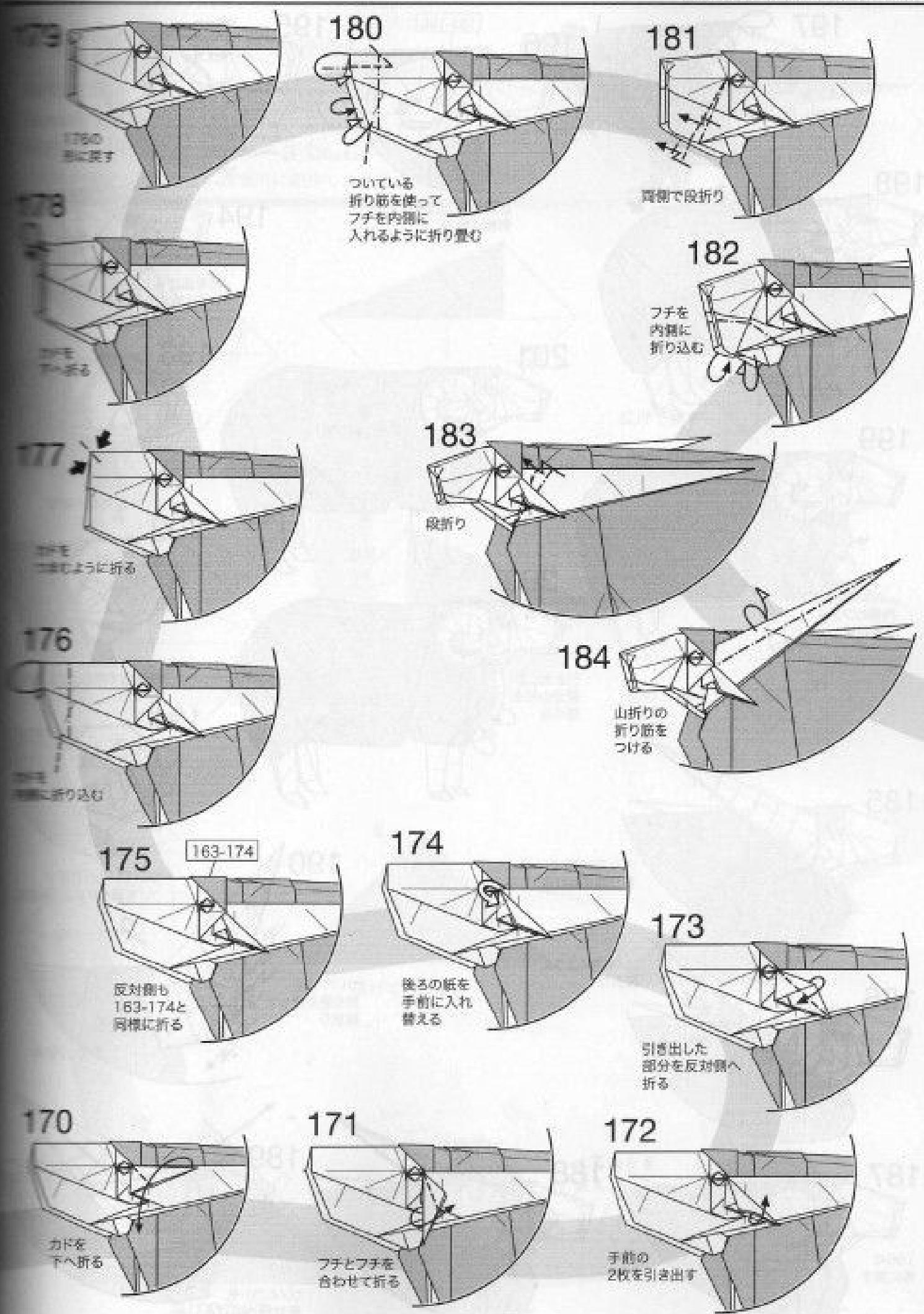
124

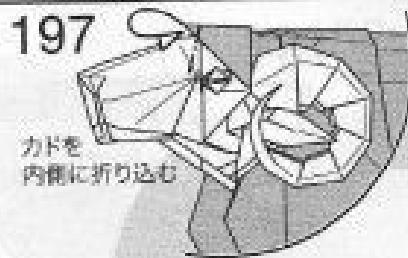


中わり折り

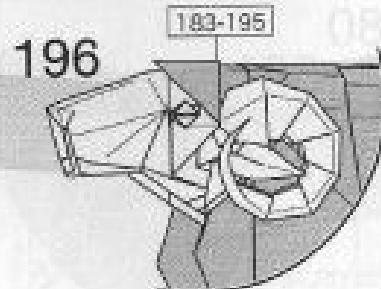






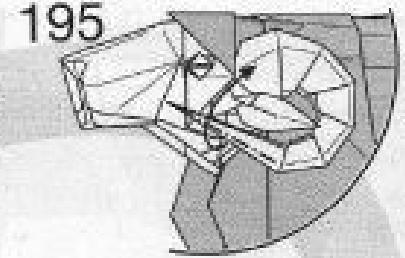


197

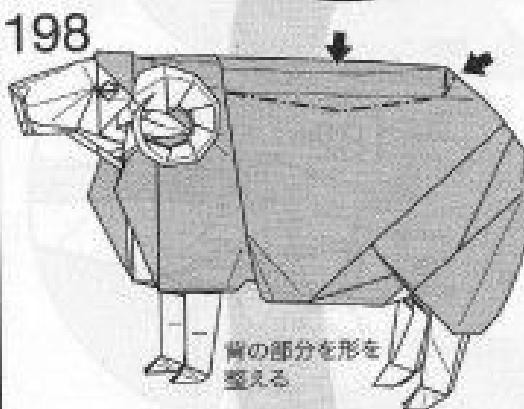
カドを
内側に
折り込む

196

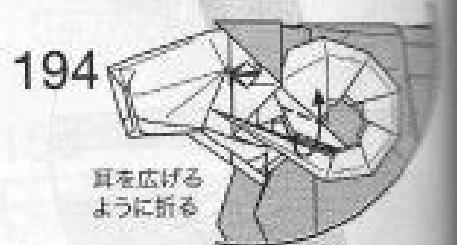
183-195



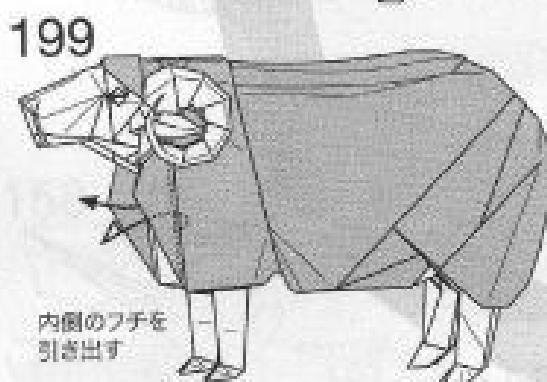
195

カドをつまむ
巻くように
形を整える

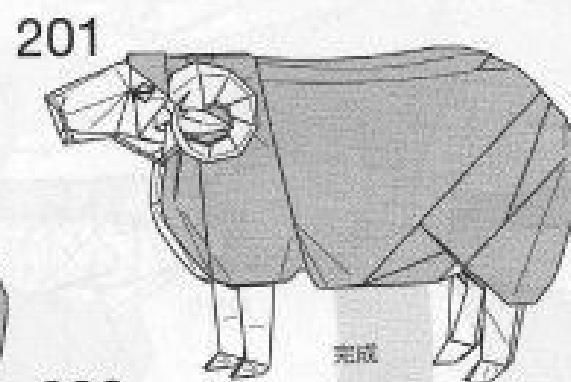
198

反対側も183-195と
同様に折る

194

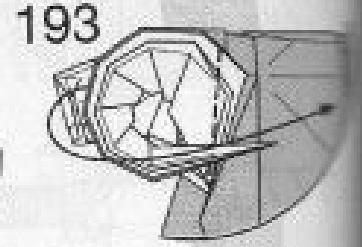
耳を広げる
ように折る

199

内側のフチを
引き出す

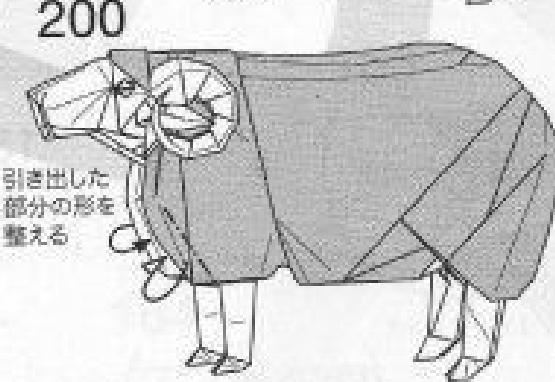
201

完成



193

反対側へ折る

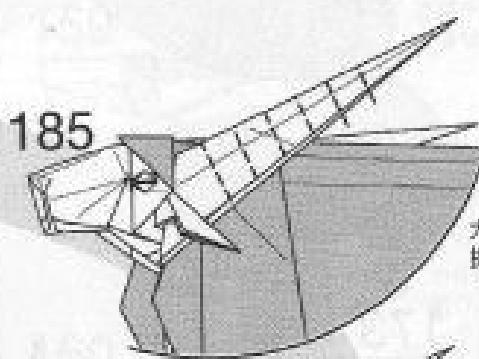


200

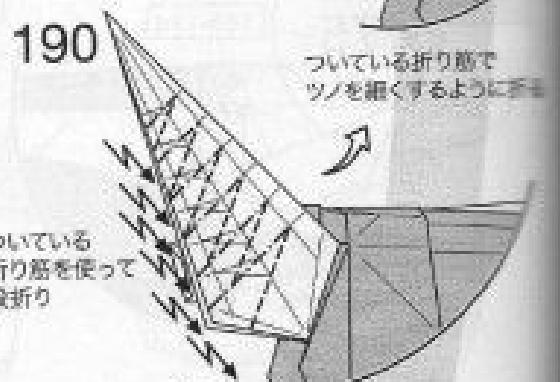
引き出した
部分の形を
整える

192

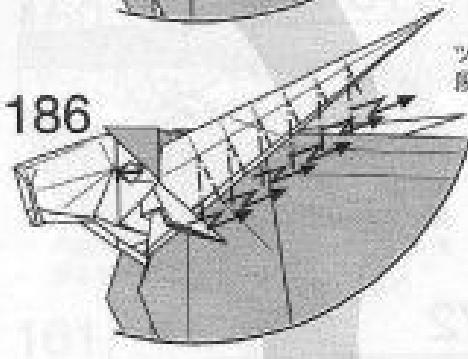
根本まで同じように折る



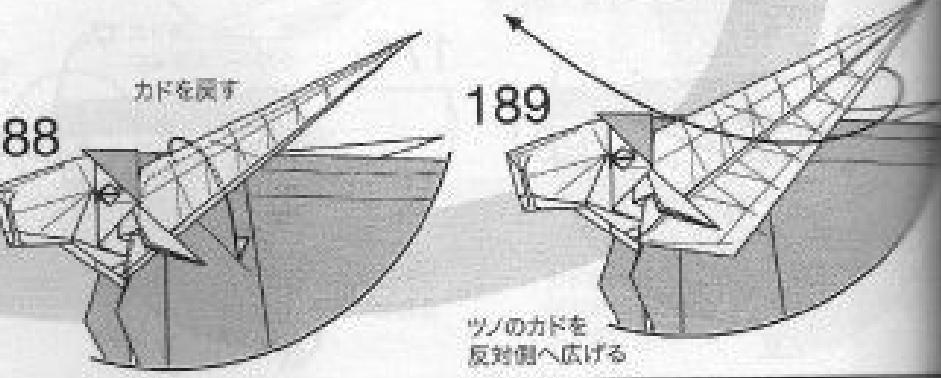
185

大体等間隔で
折り筋をつける

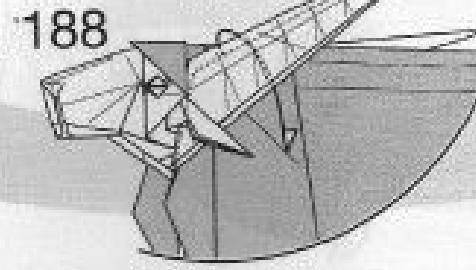
190

ついている折り筋で
ツノを細くするように折る

186

ツノを巻くように
段折り

187

186の
形に戻す

188

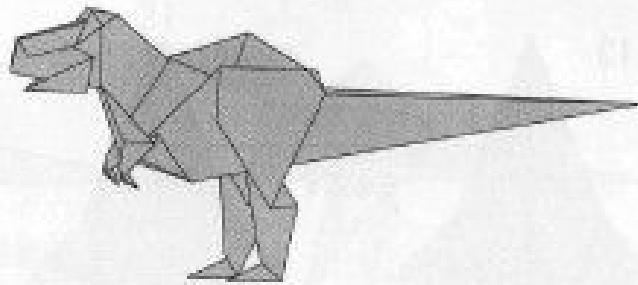
カドを開く

189

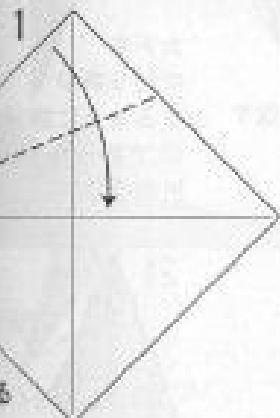
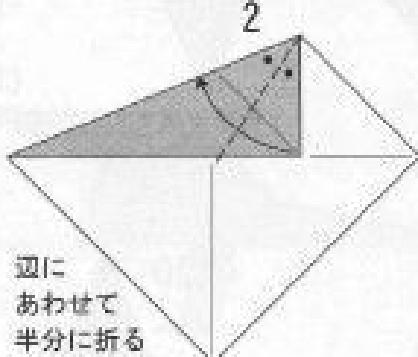
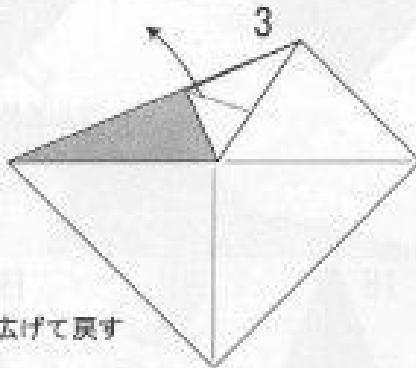
ツノのカドを
反対側へ広げる

T-rex

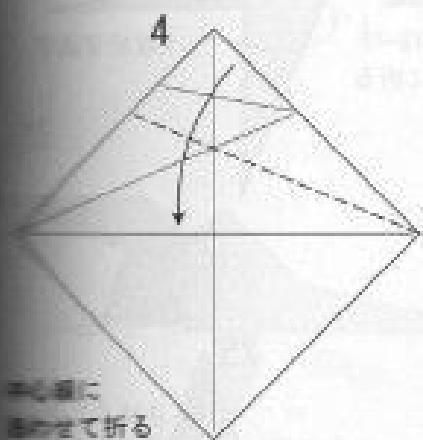
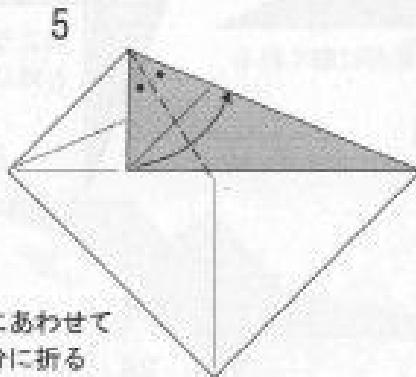
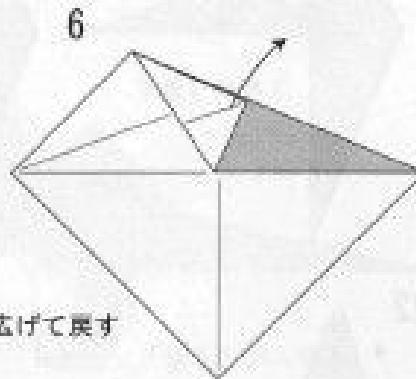
折文昭

Fumiaki Kawahata
August 14, 2007

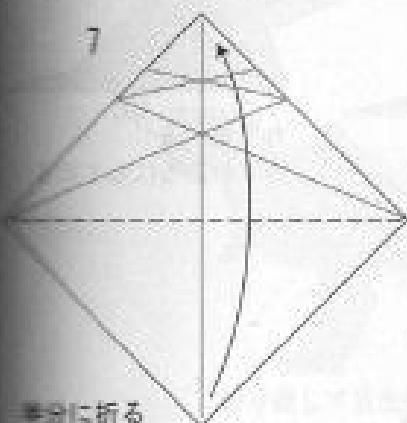
この図が開発されたときに講習用に創作した作品です。

中心線に
あわせて折る辺に
あわせて
半分に折る

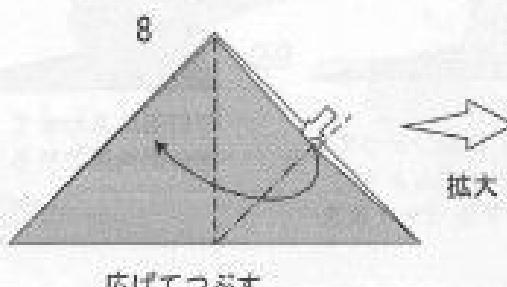
広げて戻す

中心線に
あわせて折る辺にあわせて
半分に折る

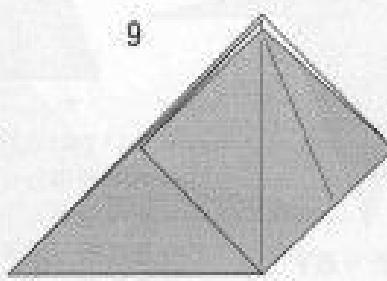
広げて戻す



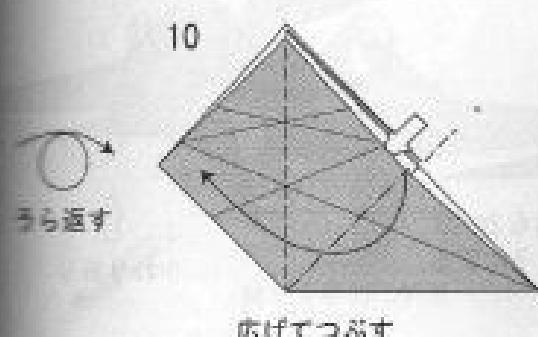
半分に折る



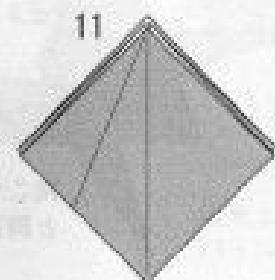
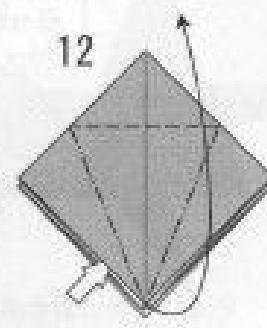
広げてつぶす



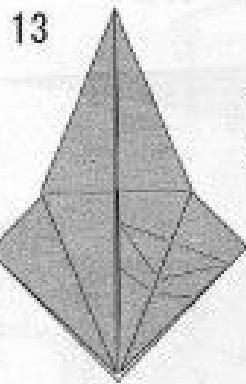
拡大



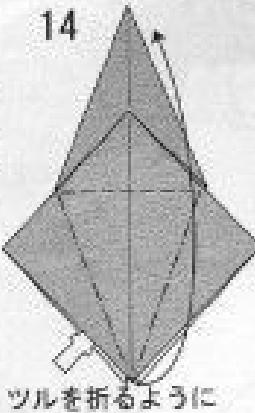
うら返す

上下向きを
変える

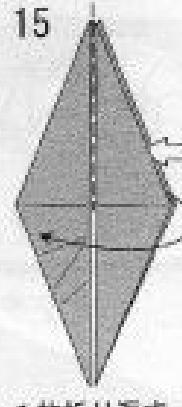
ツルを折るように



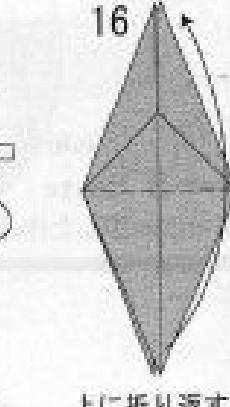
うら返す



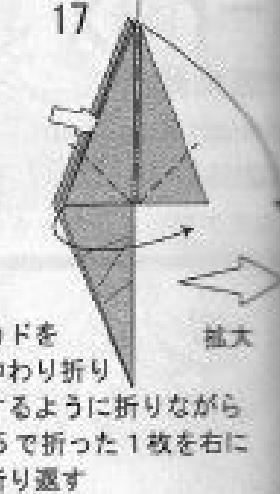
ツルを折るように



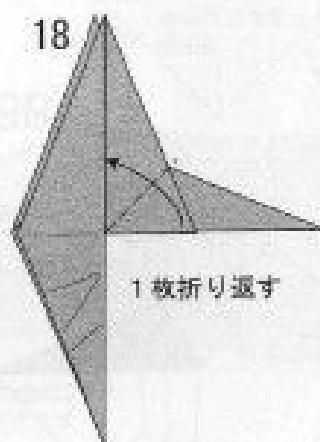
1枚折り返す



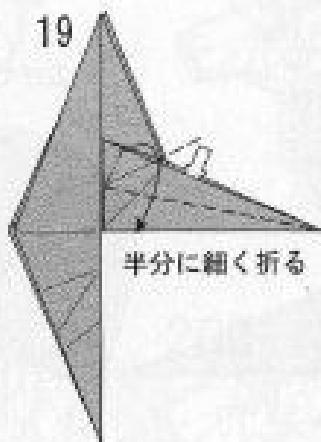
上に折り返す



カドを
中わり折り
するように折りながら
15で折った1枚を右に
折り返す



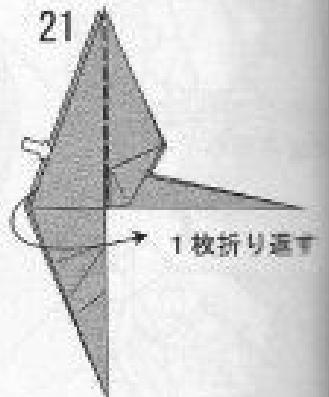
1枚折り返す



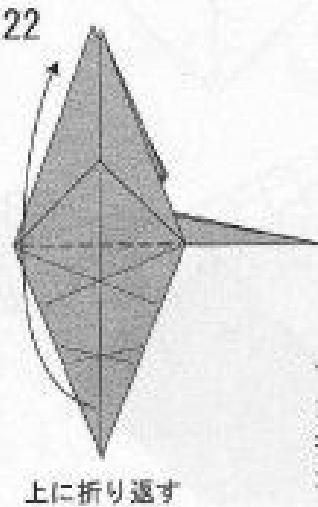
半分に細く折る



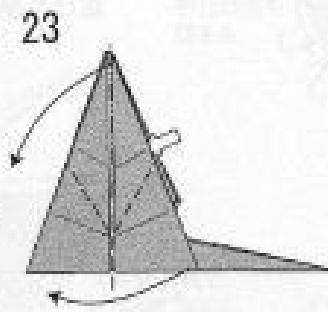
向こう側も 18-19
と同じように折る



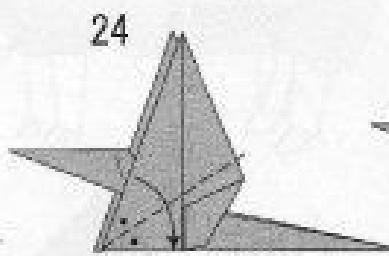
1枚折り返す



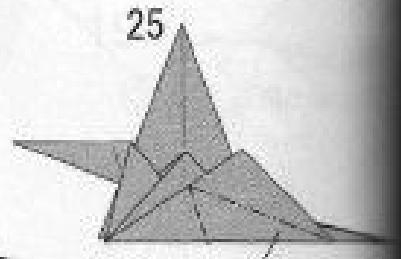
上に折り返す



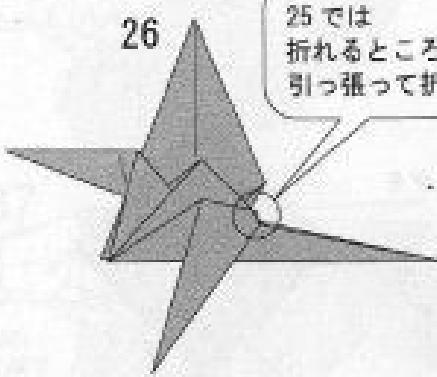
ついている折すじをつかって
カドを中わり折りするように
折りながら 21で折った1枚を
左に折り返す



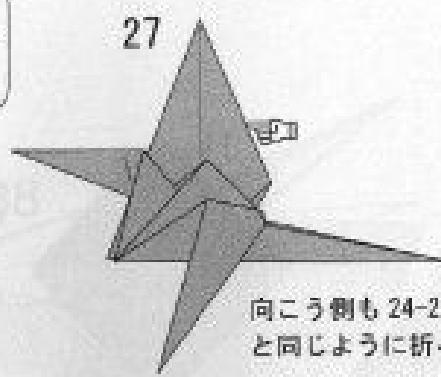
下の辺にあわせて
半分の角度で折る



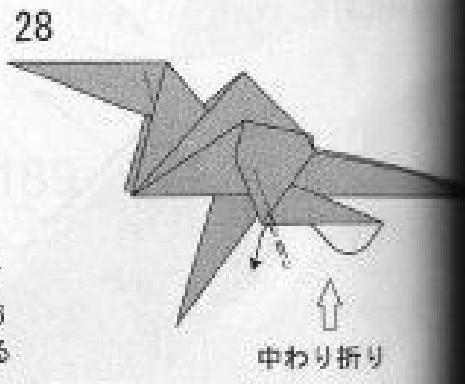
カドを
つまむようにして折る



25では
折れるところまで
引っ張って折る



向こう側も 24-26
と同じように折る



中わり折り

30

31

中わり折り

中わり折り

中わり折り

33

34

向こう側も
28-31
と同じように折る

カドをつまむように折る

手の部分を前に出す
ように段折り

36

37

向こう側も
33-34
と同じように折る

段に折って顔をつくる

1枚を手前に折る

38

折り返して目を作る

39

向こう側も
37-38
と同じように折る

40

背中を手前に折る

41

出来上がり
バランスをとって2本足で立たせましょう

ステゴザウルス

Stegosaurus

創作 : 2015/06/10

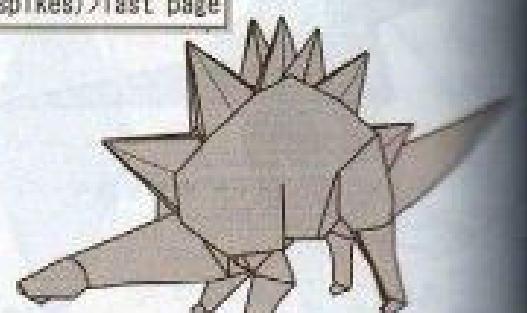
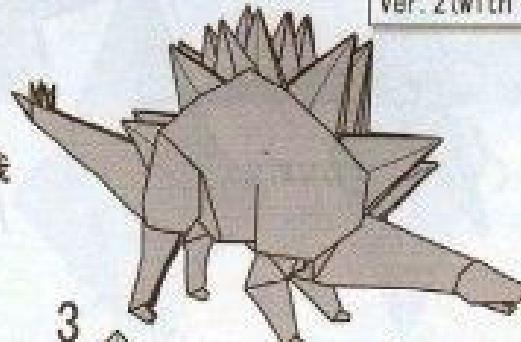
作図 : 2015/06/30

作／図 : 合谷 哲哉

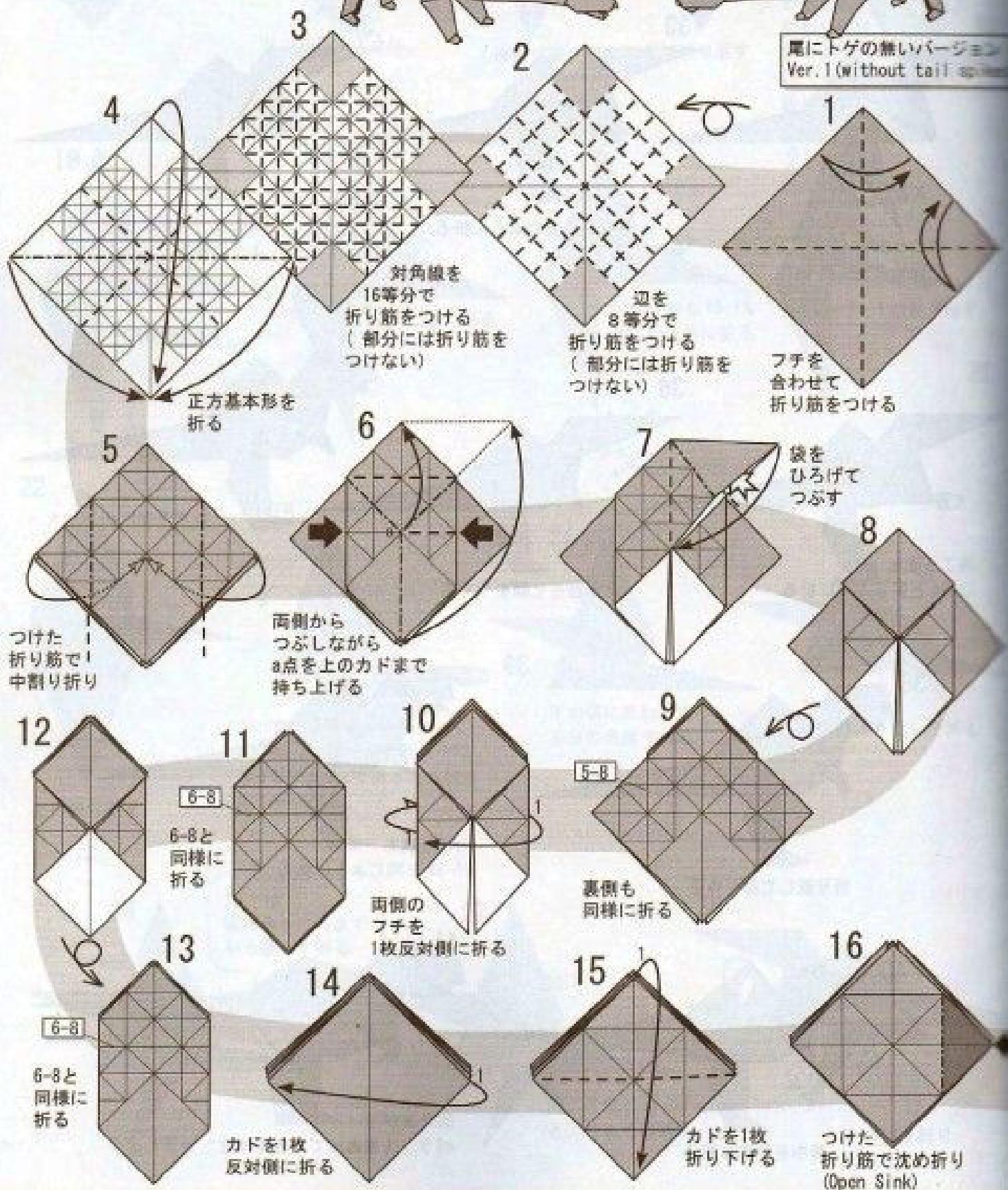
Model and diagram

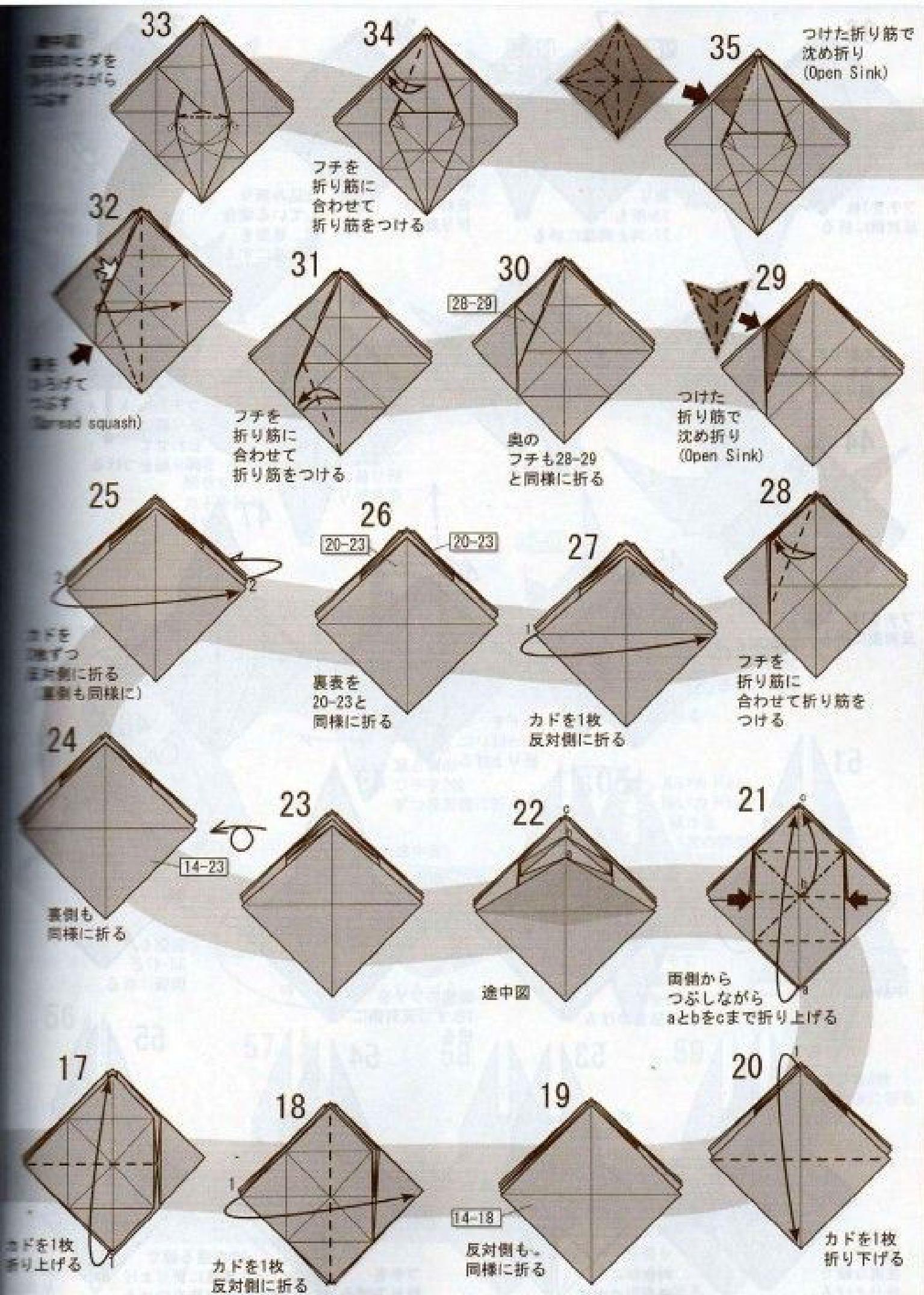
Tetsuya Gotani

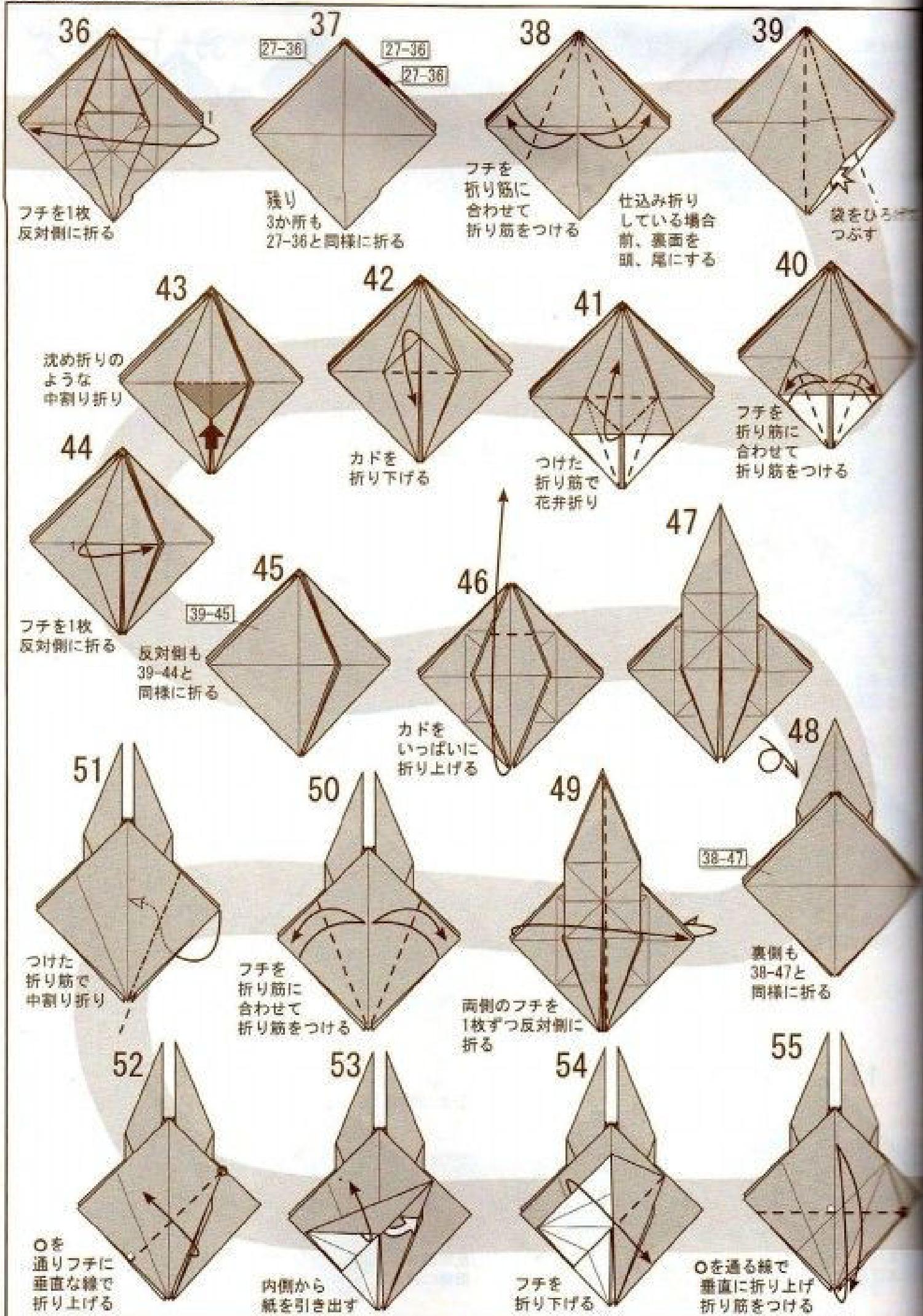
尾にトゲのあるバージョンは
まず最終ページの仕込み折りをする
Ver. 2 (with tail spikes) > last page

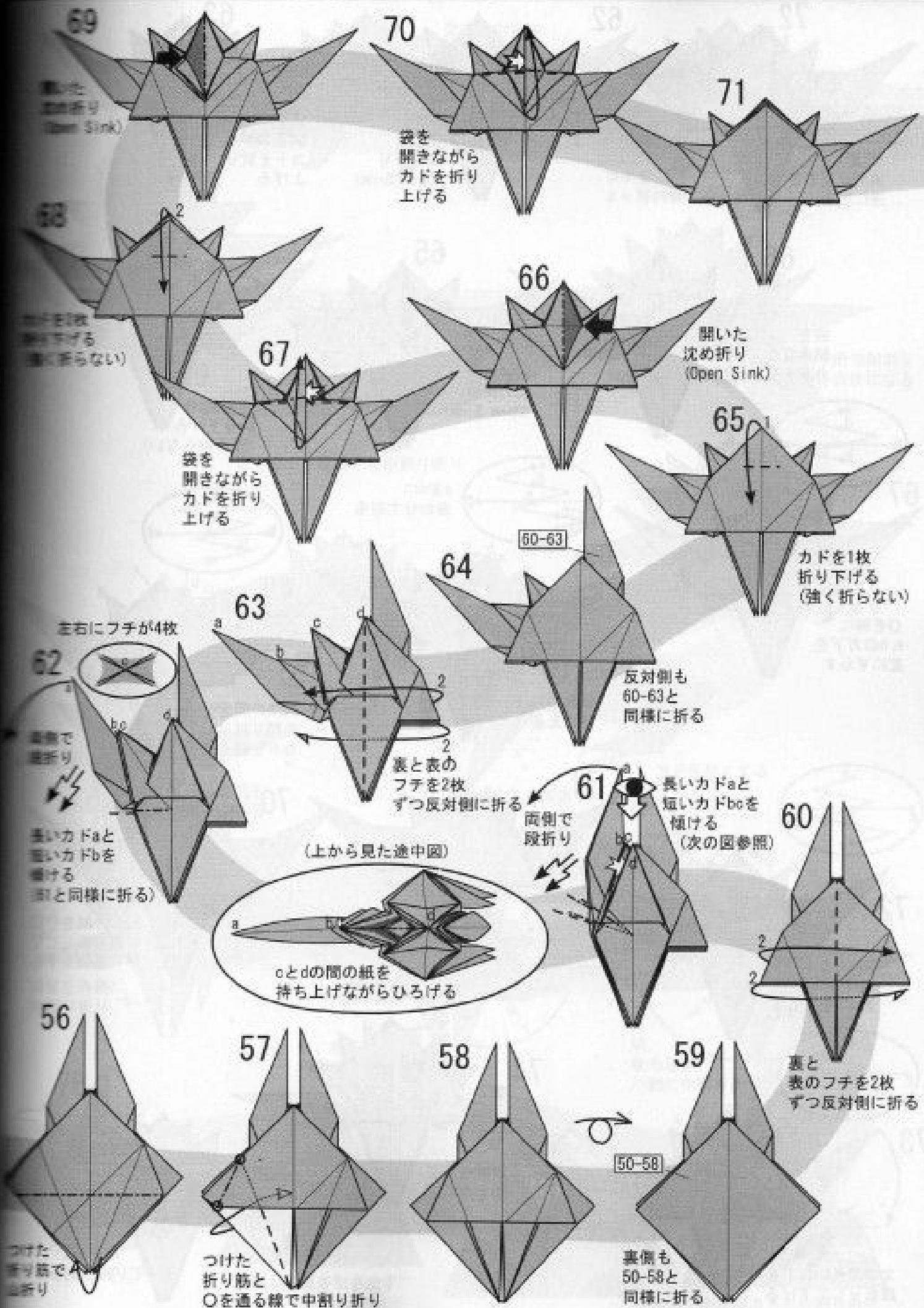


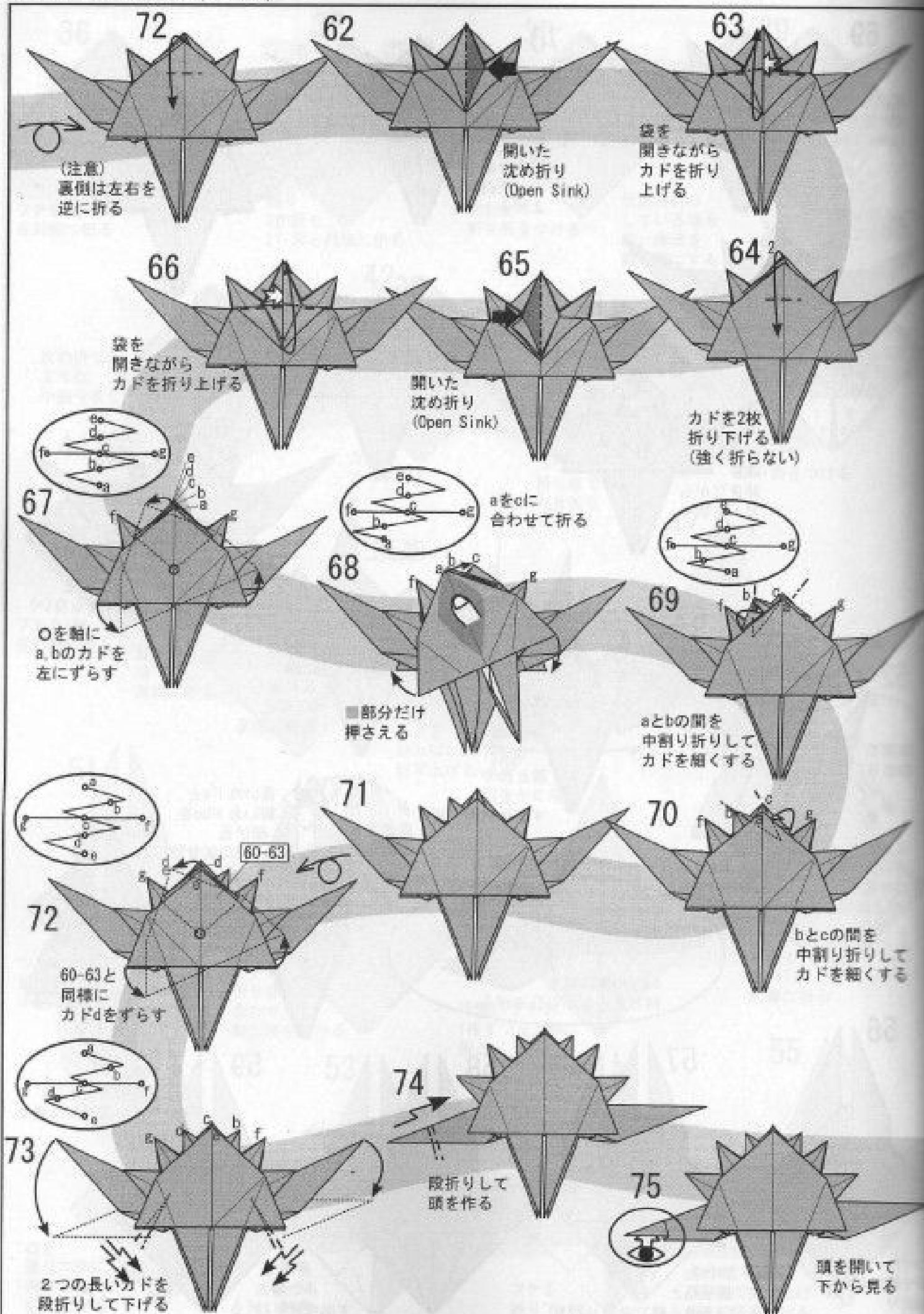
尾にトゲの無いバージョン
Ver. 1 (without tail spikes)

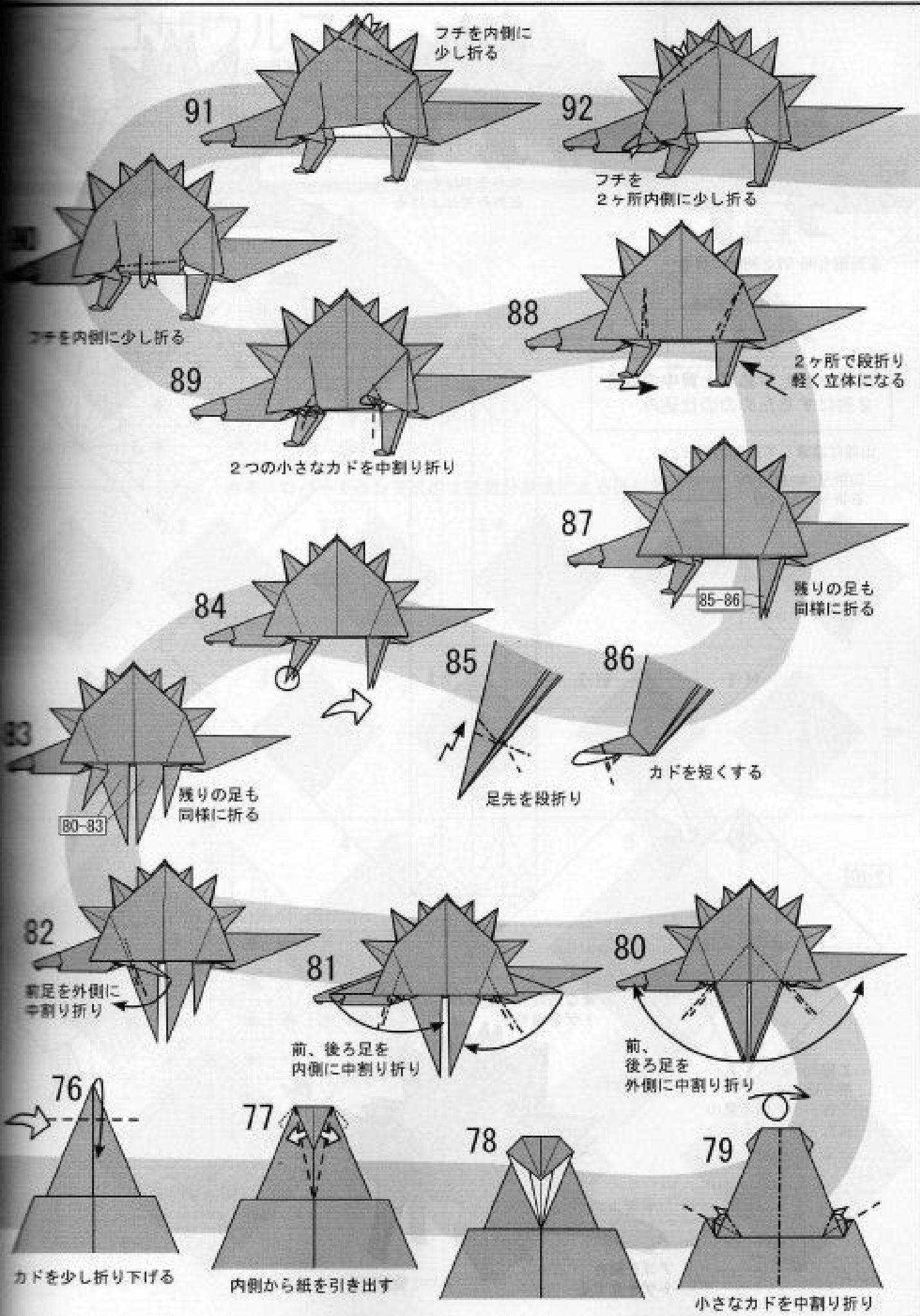


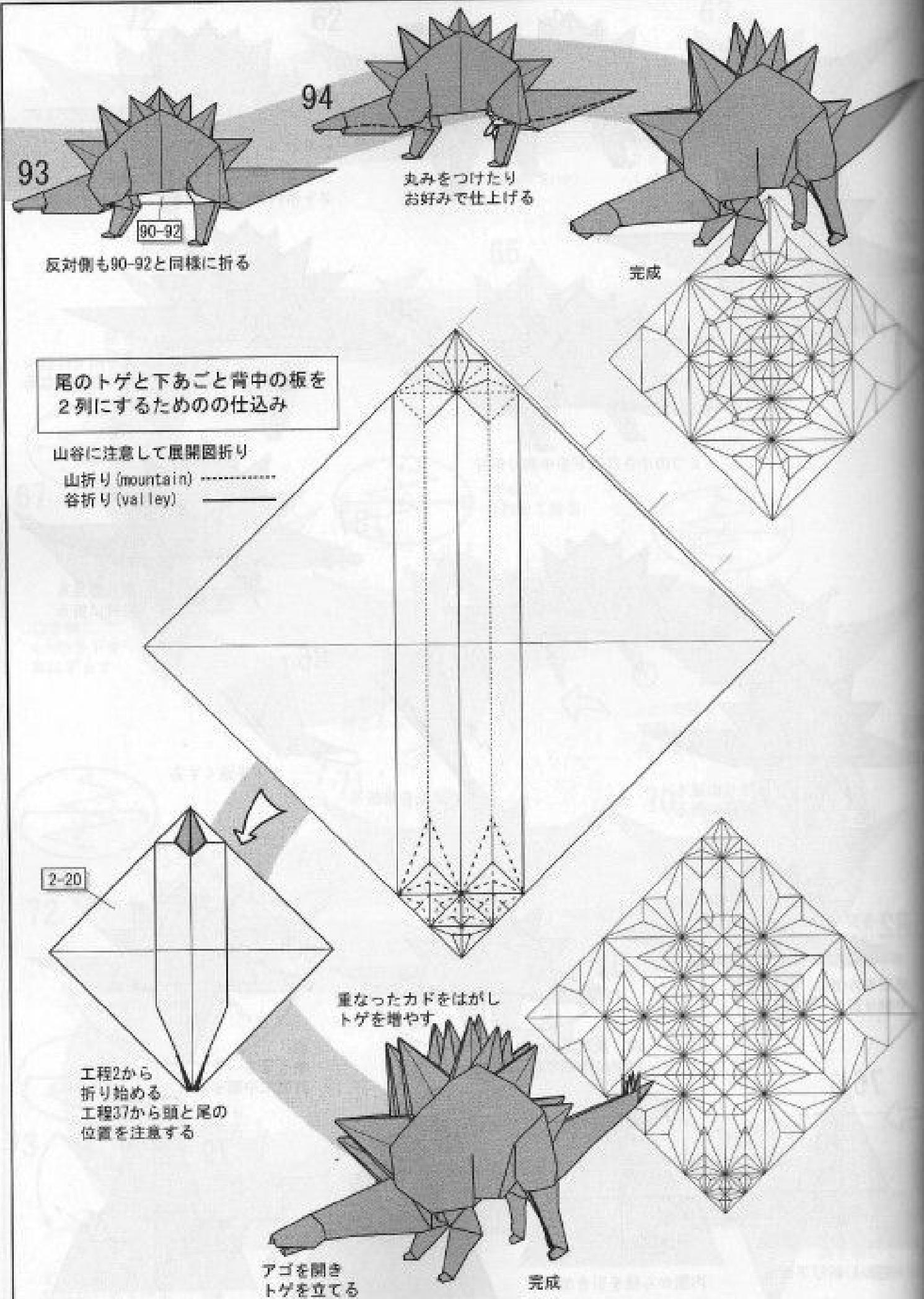








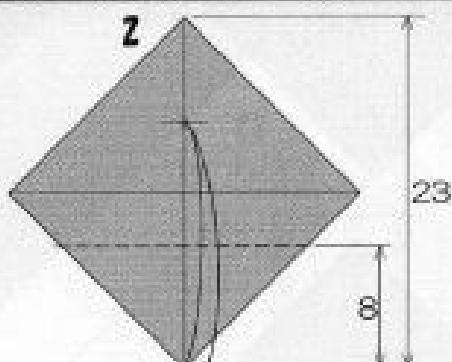
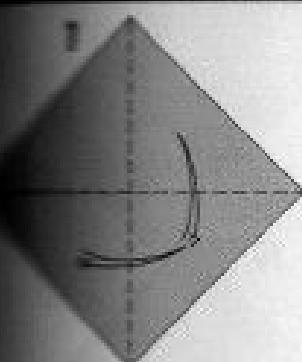
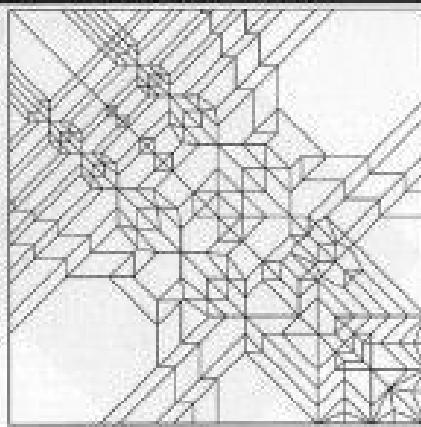
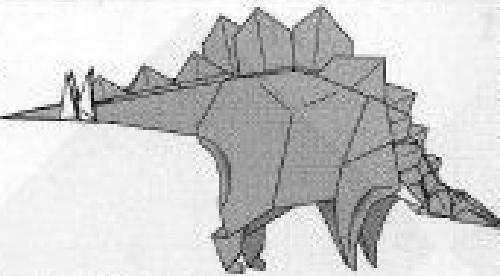




ステゴザウルス

川畑文昭

Kawahata
Creation
Drawing
Copyright By Fumiaki Kawahata 2015



→ここをつける

6/23 の位置に折すじをつける

23

8

0.57

参考 ロバートラング氏の2進数分割法による近似的分割法

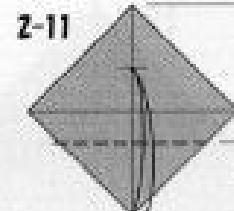
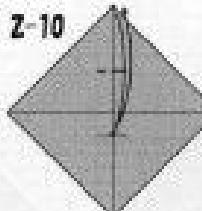
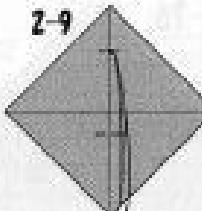
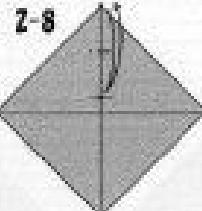
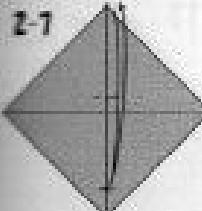
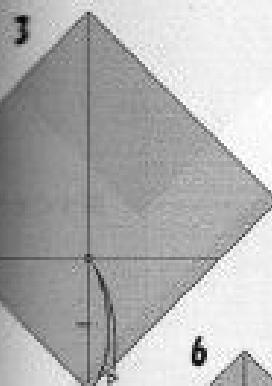
Z-2

Z-3

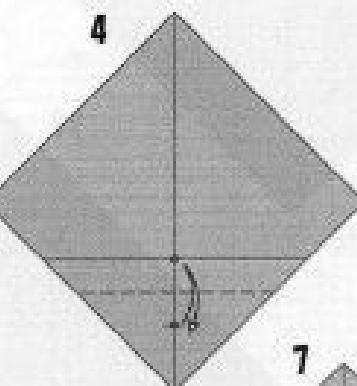
Z-4

Z-5

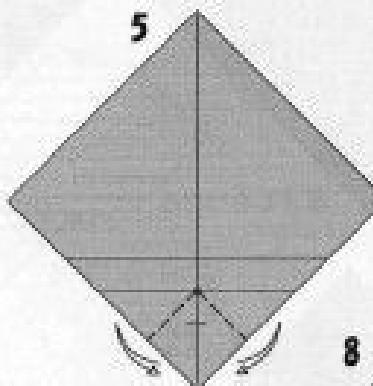
Z-6

23
8

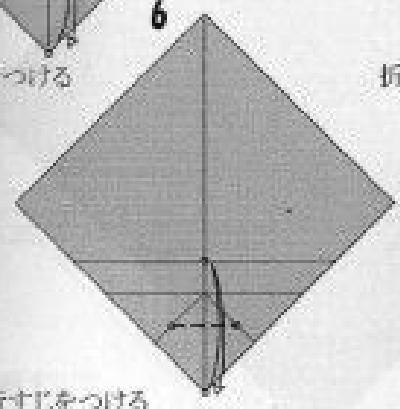
→ここをつける



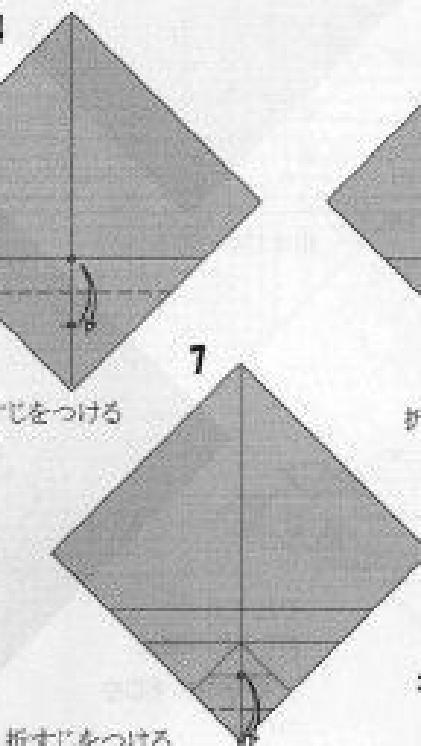
折すじをつける



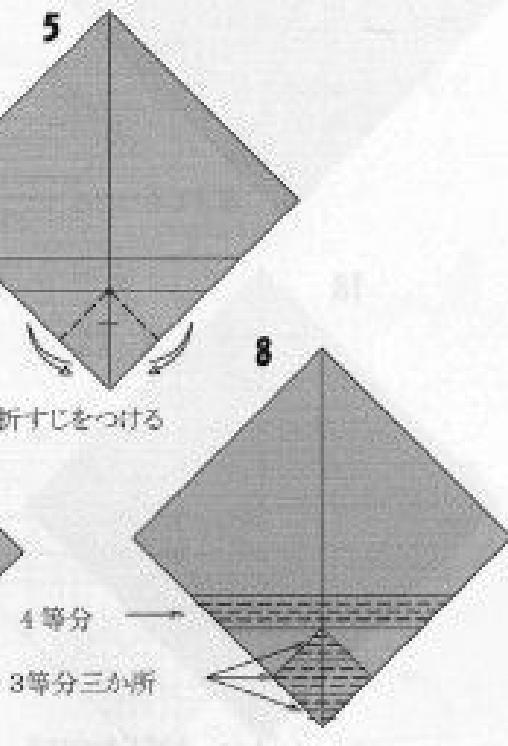
折すじをつける



折すじをつける

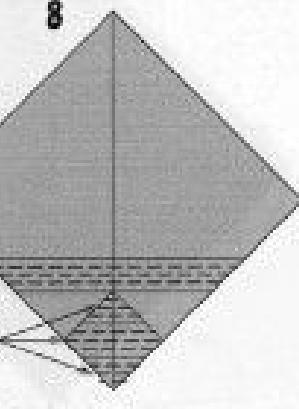


折すじをつける



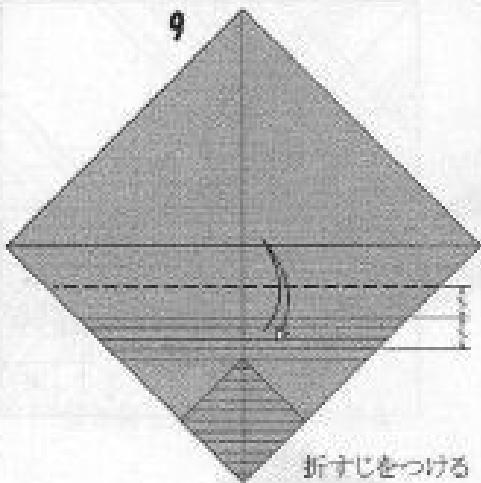
4等分

3等分三か所



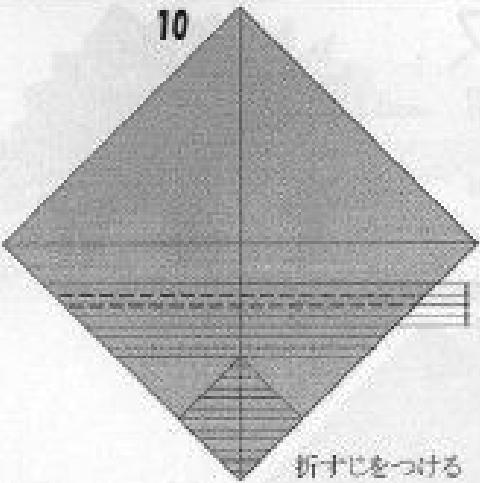
折すじをつける

9



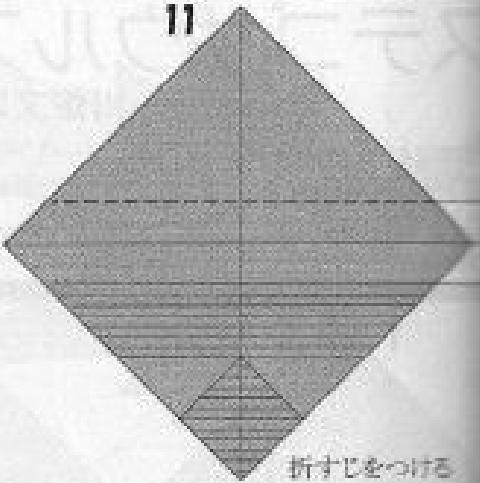
折すじをつける

10



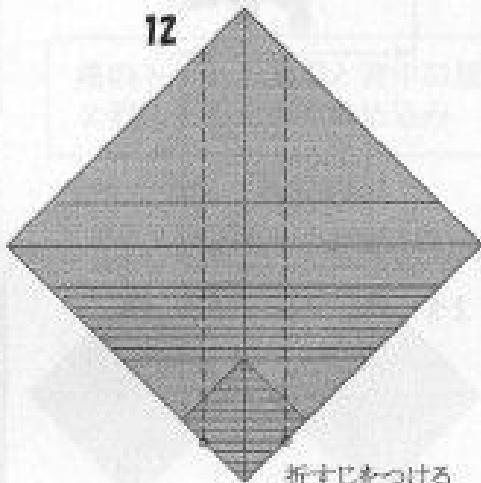
折すじをつける

11



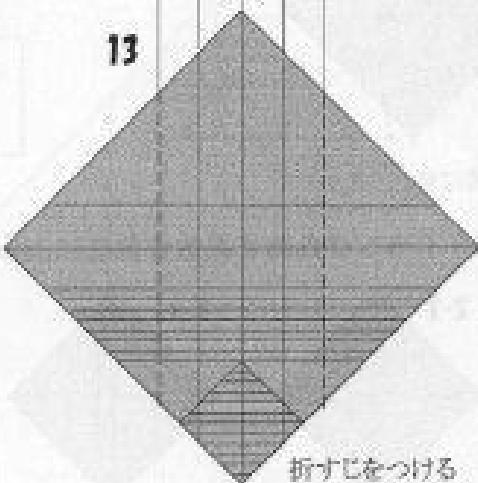
折すじをつける

12



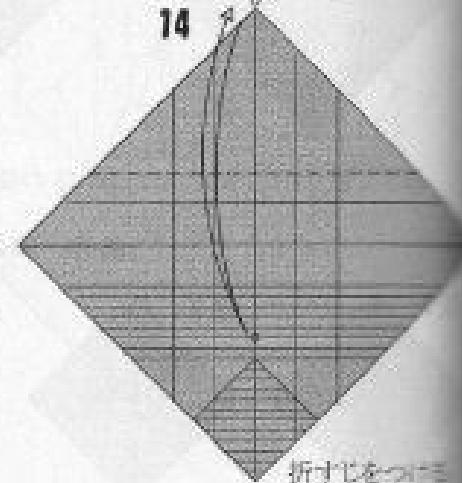
折すじをつける

13



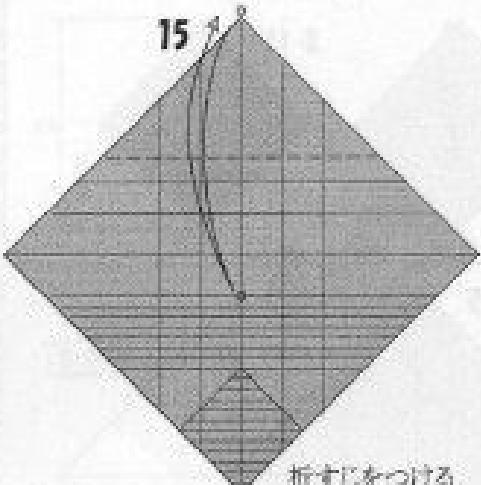
折すじをつける

14



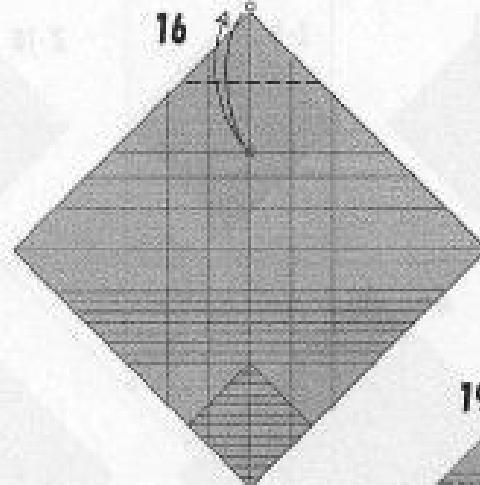
折すじをつける

15



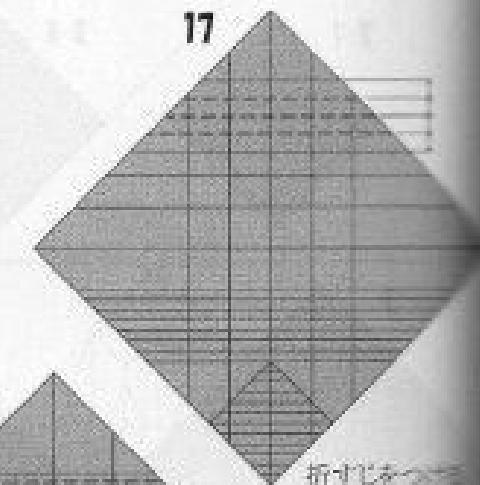
折すじをつける

16



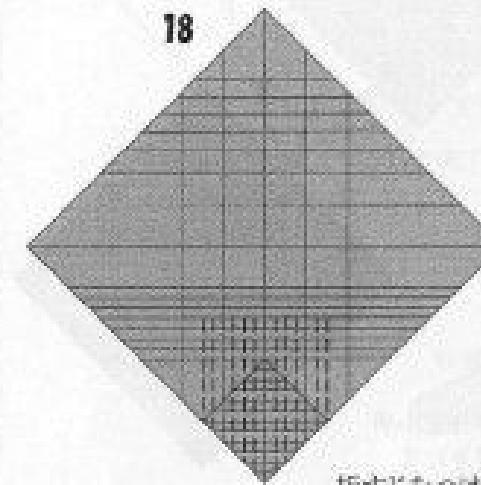
折すじをつける

17



折すじをつける

18

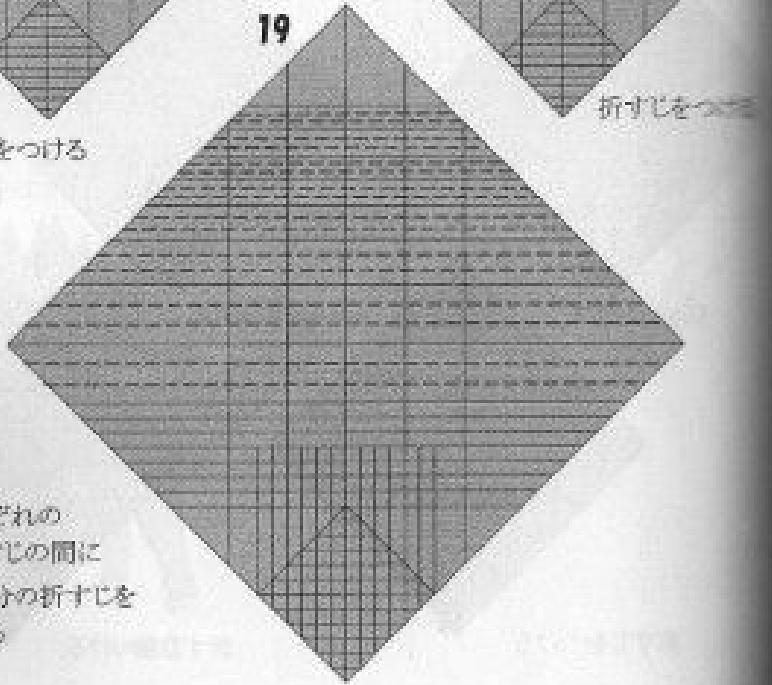


折すじをつける

拡大

それぞれの
折りすじの間に
三等分の折すじを
つける

19

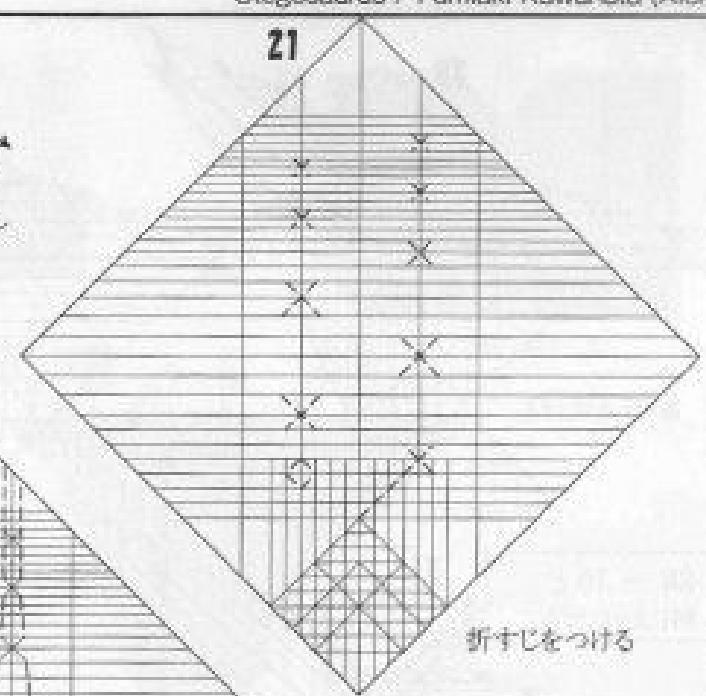


20



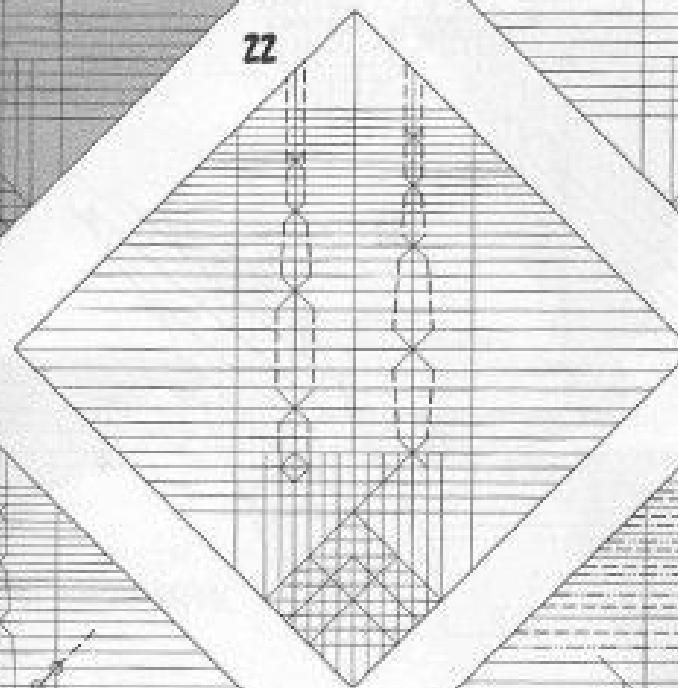
うらがえし

21

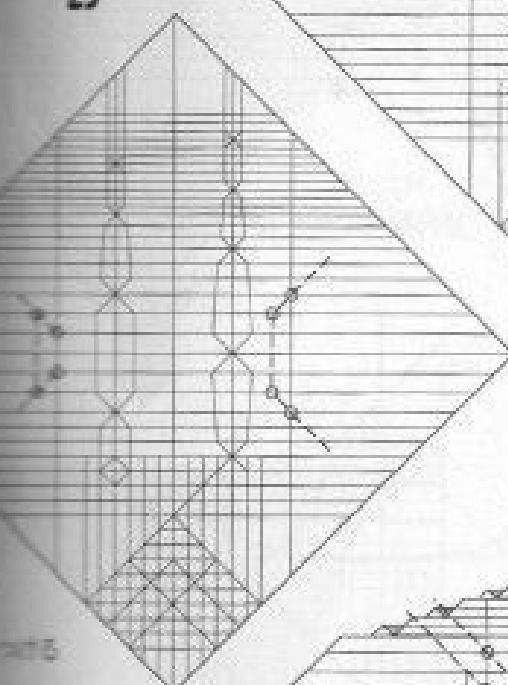


折すじをつける

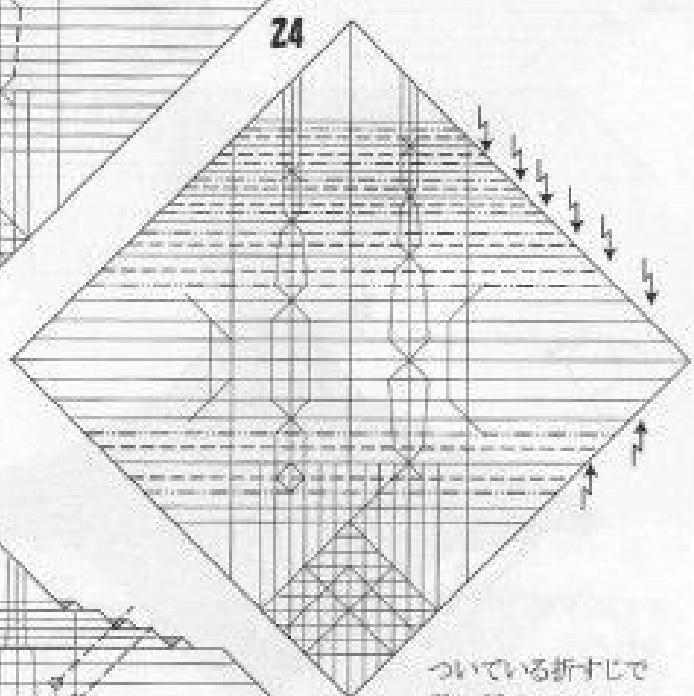
22



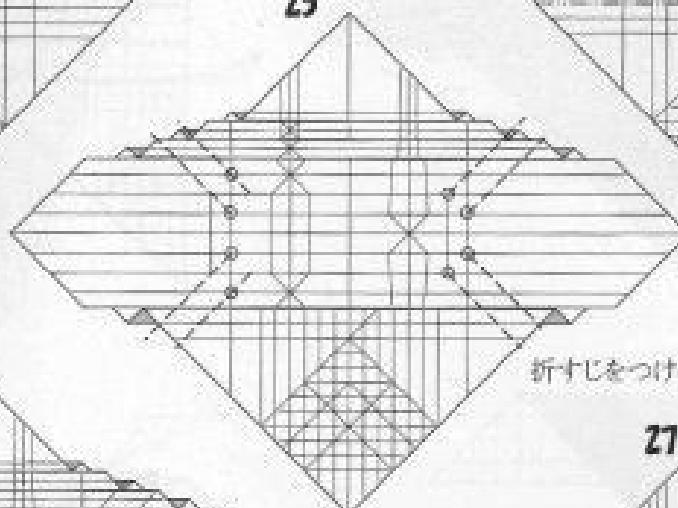
23



24

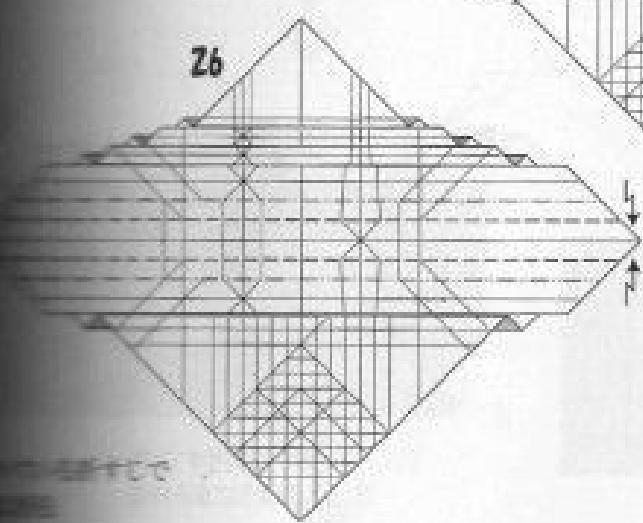
ついている折すじで
段に折る

25

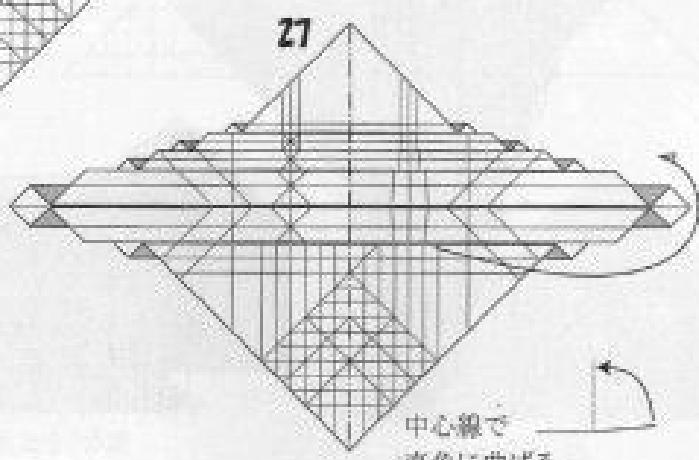


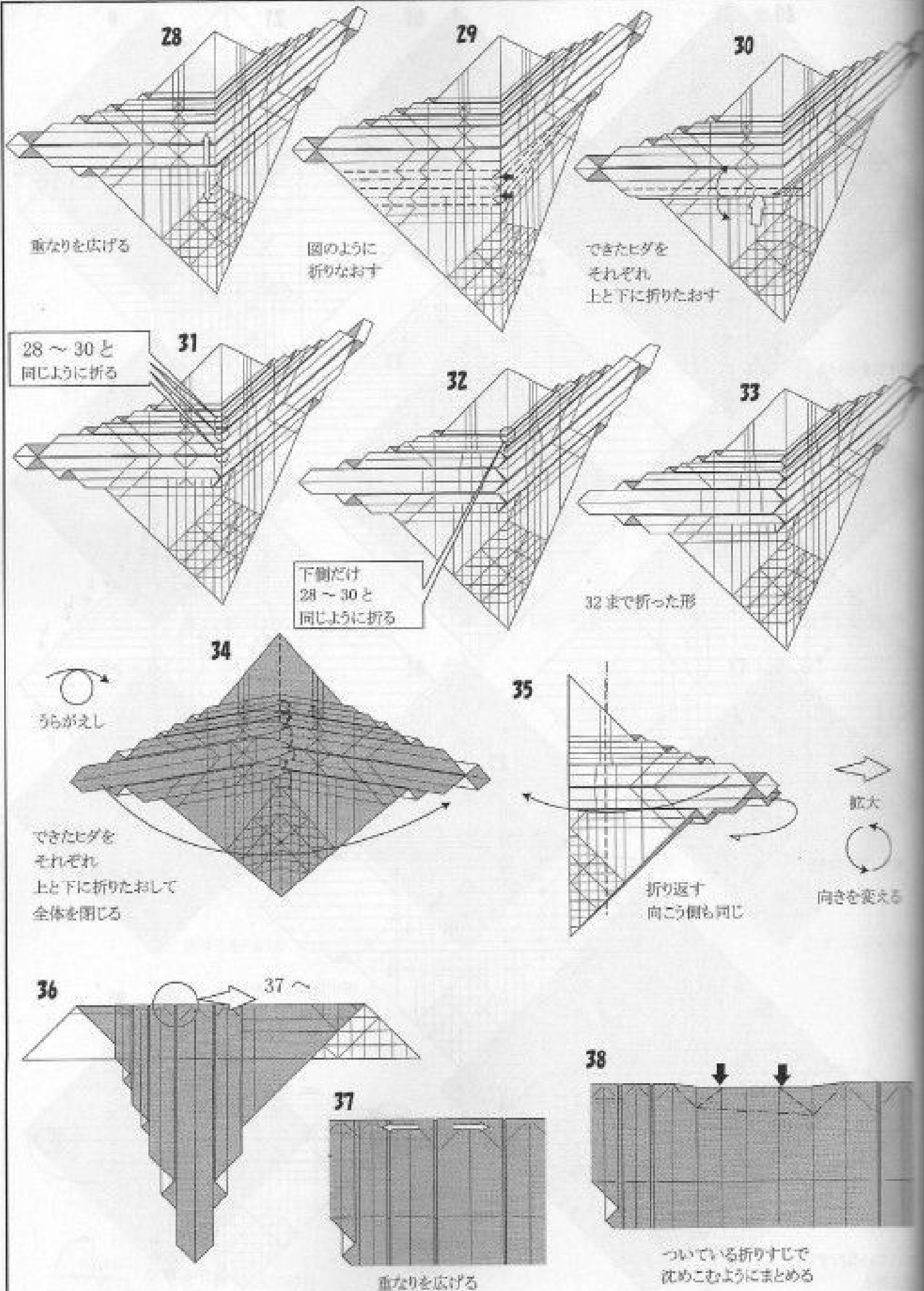
折すじをつける

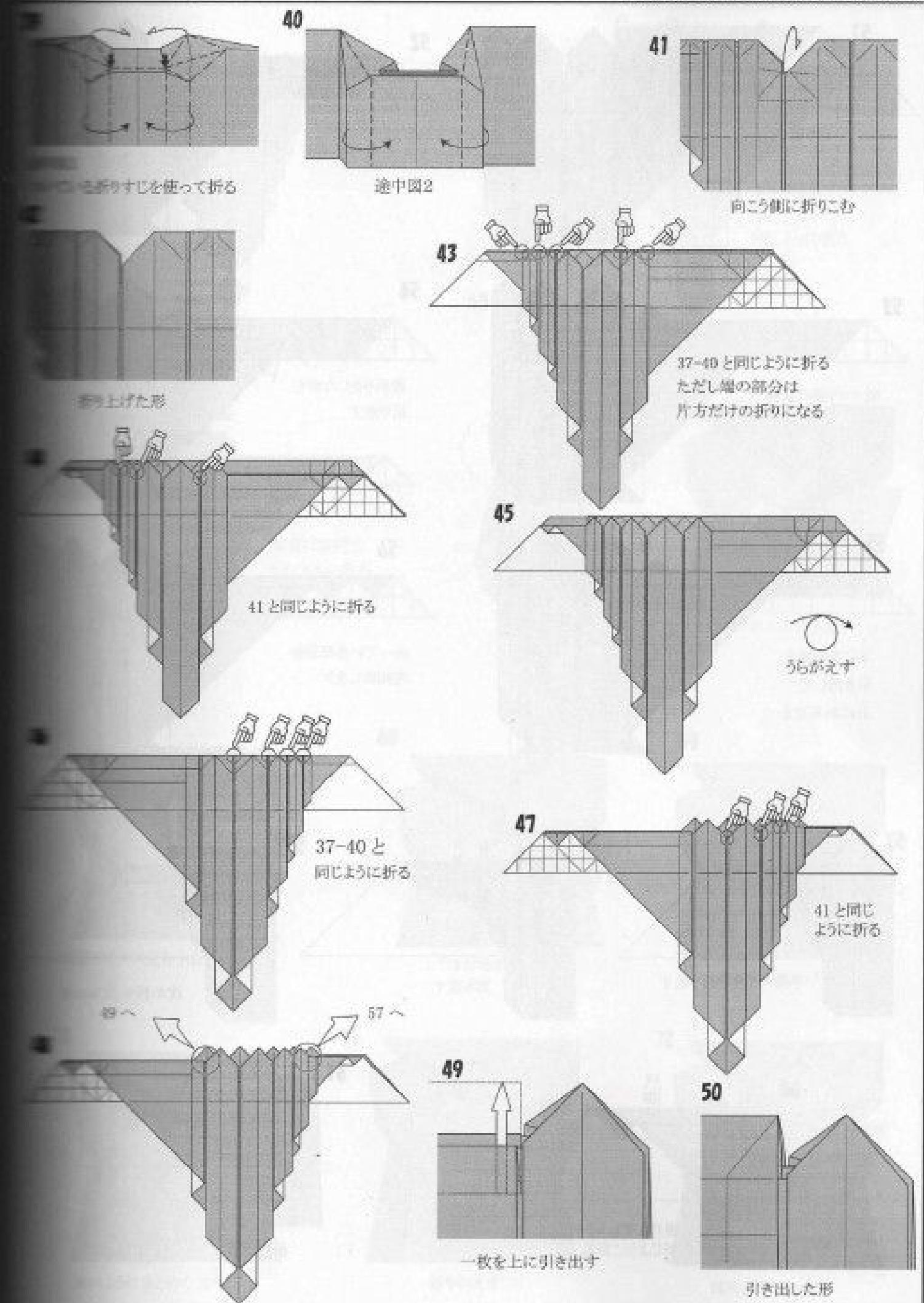
26



27

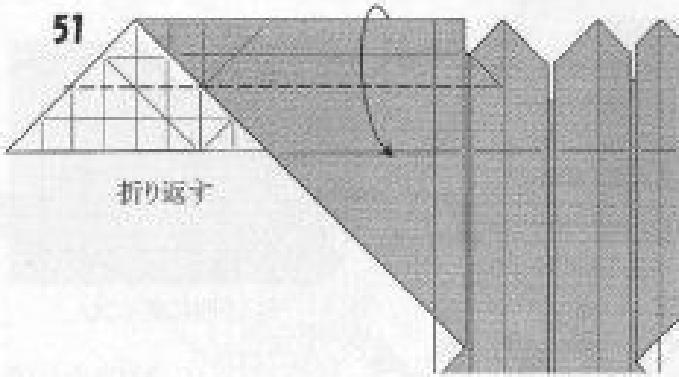
中心線で
直角に曲げる





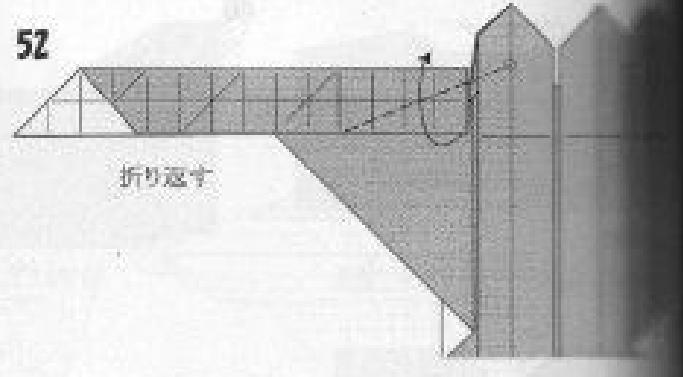
51

折り返す



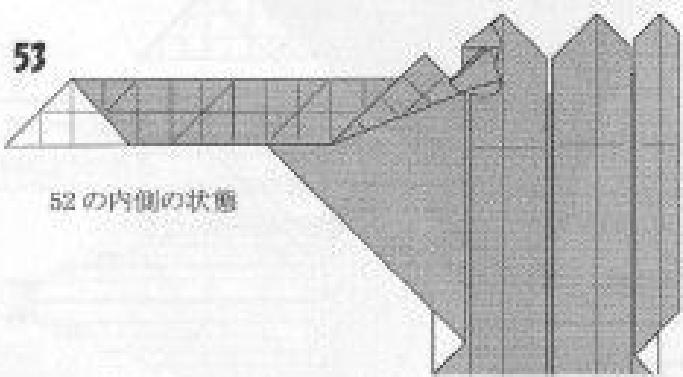
52

折り返す



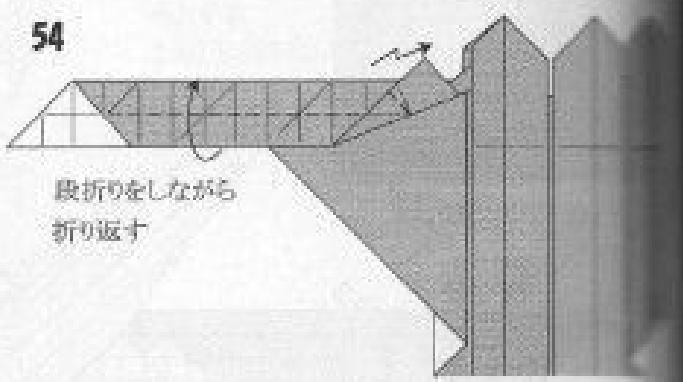
53

52 の内側の状態



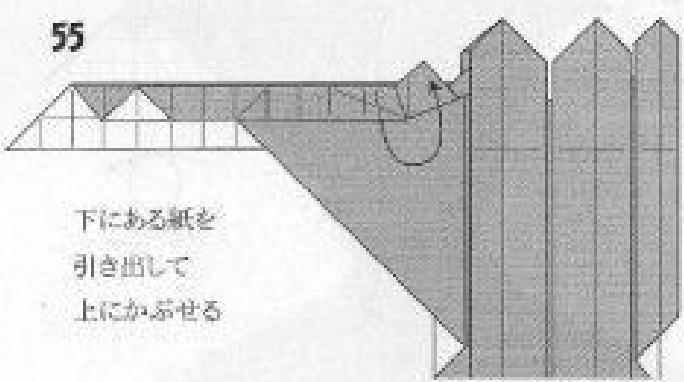
54

段折りをしながら
折り返す



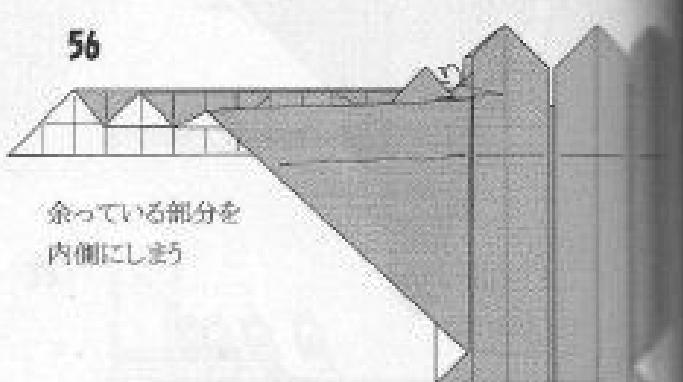
55

下にある紙を
引き出して
上にかぶせる



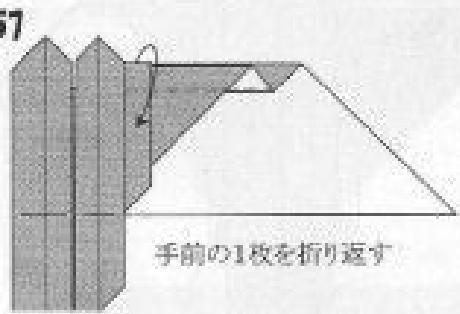
56

余っている部分を
内側にしまう



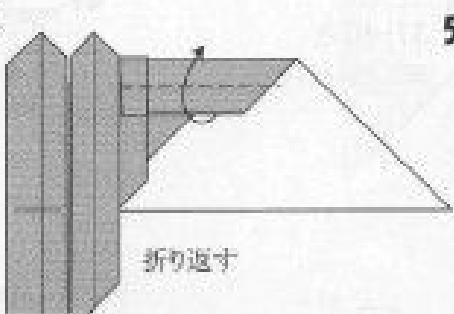
57

手前の1枚を折り返す



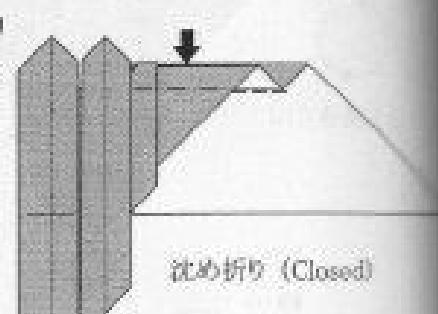
58

折り返す



59

沈め折り (Closed)



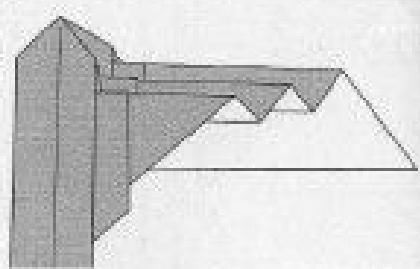
60

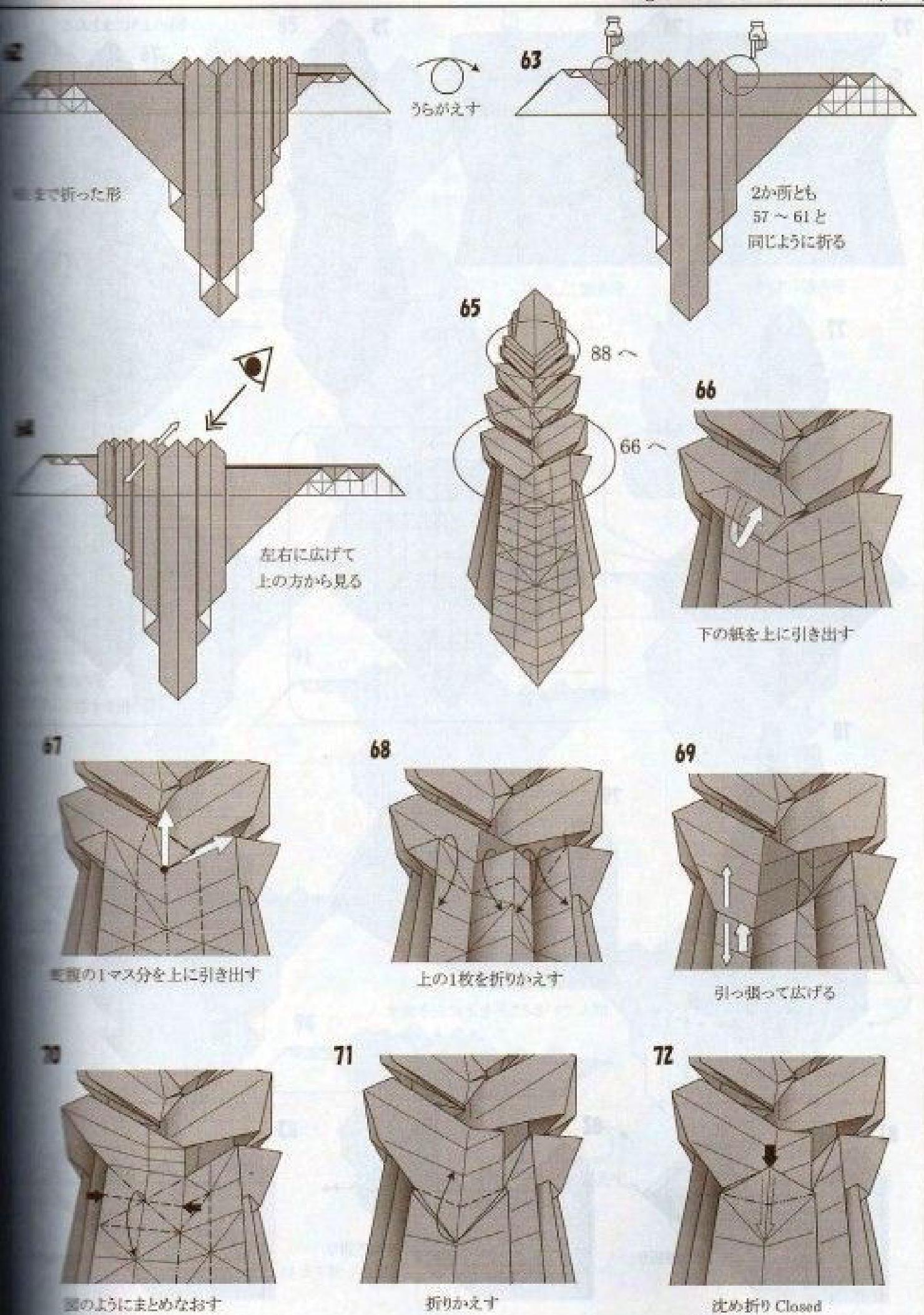
奥の1枚も57～59と
同じように折る

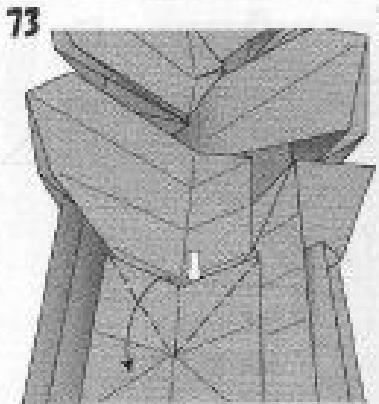


61

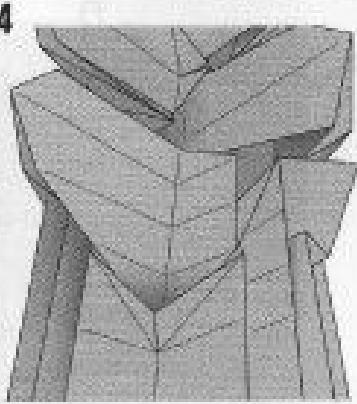
折った形



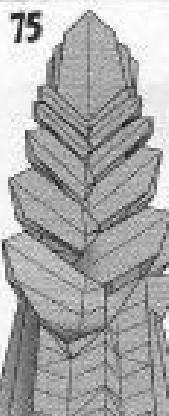




引き起こす



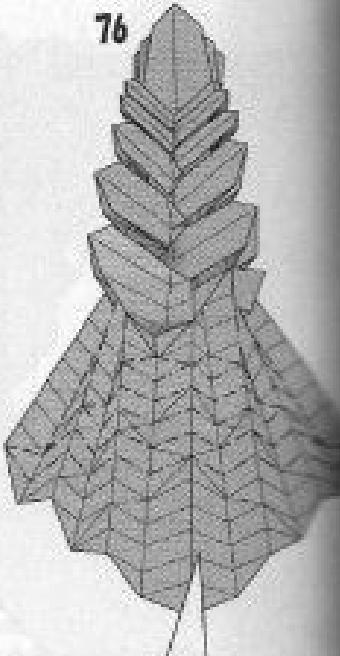
引き起こした形



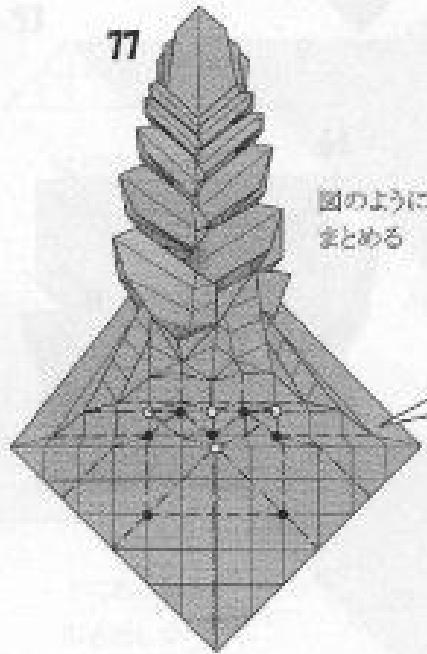
ヒダを広げる

図のようまとめる

76

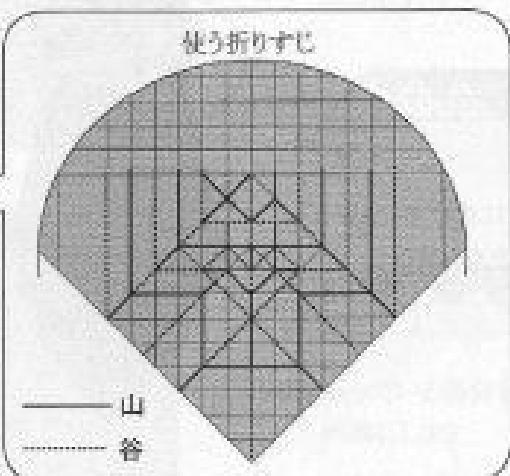


77



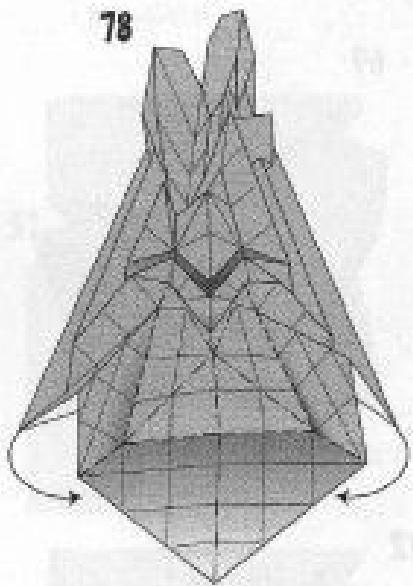
図のようまとめる

使う折りすじ

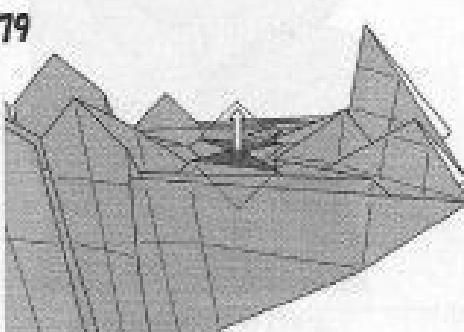


使う折りすじ

78

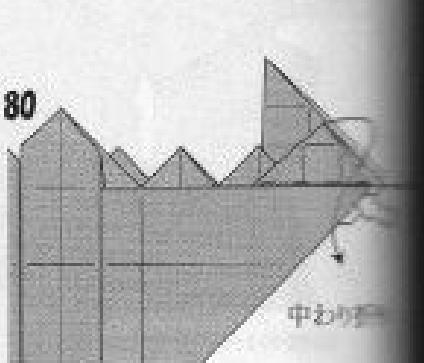


79



凹んでいるところを上に引き出す

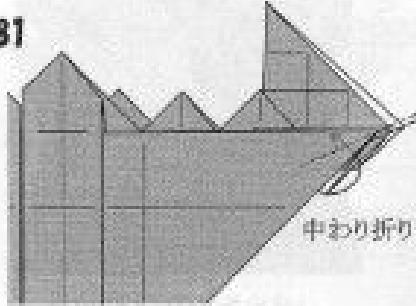
80



中わり折り

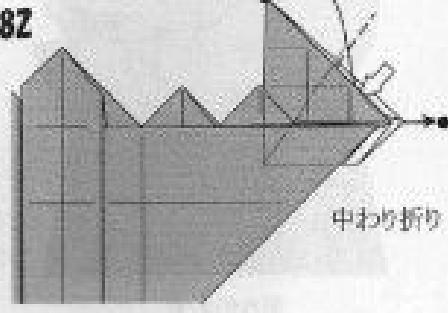
途中図

81



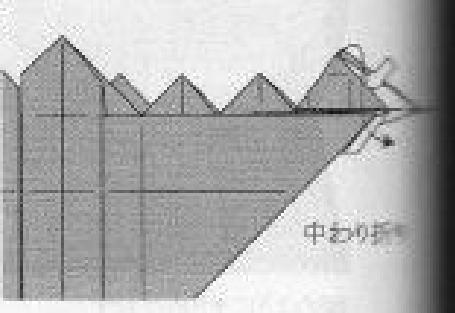
中わり折り

82

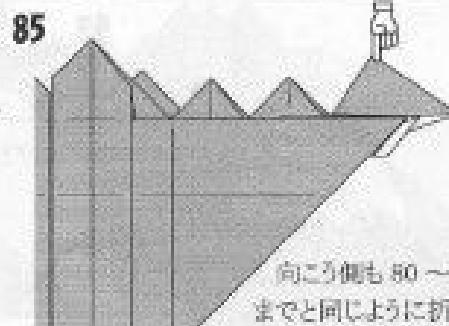


中わり折り

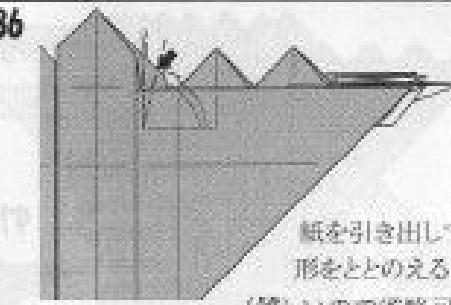
83



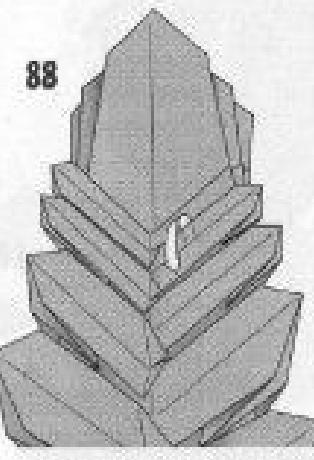
中わり折り



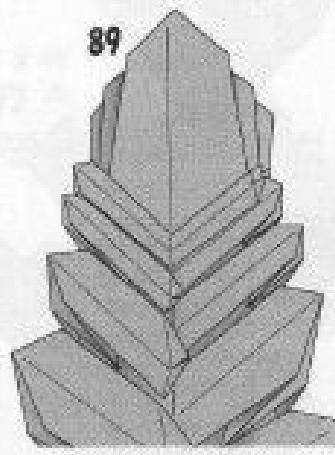
中わり折り
向こう側も 80 ~ 84
まで同じように折る



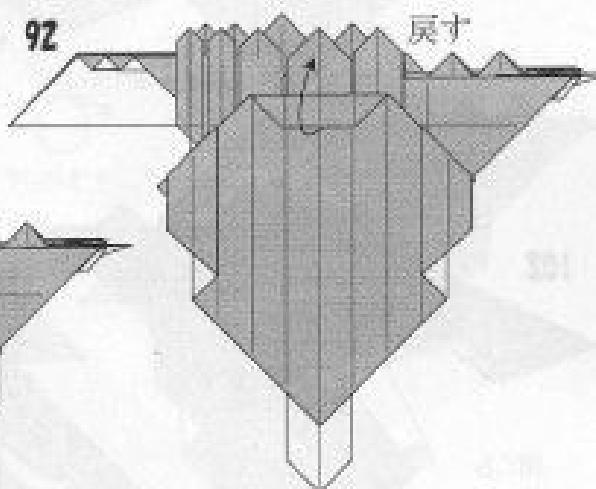
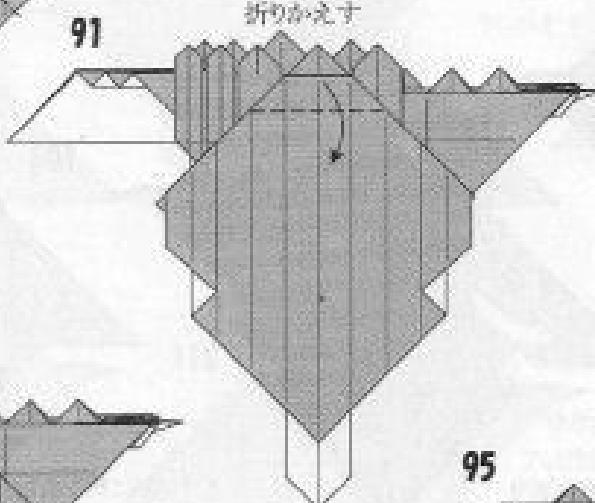
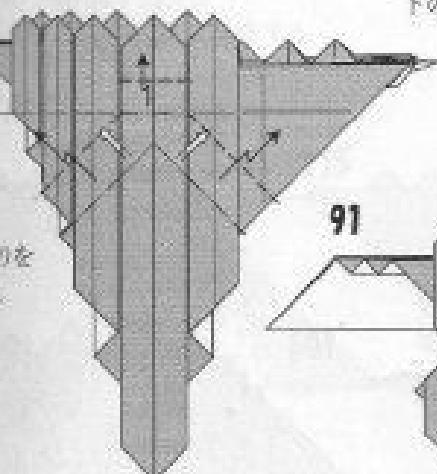
紙を引き出して
形をととのえる
(難しいので省略可)



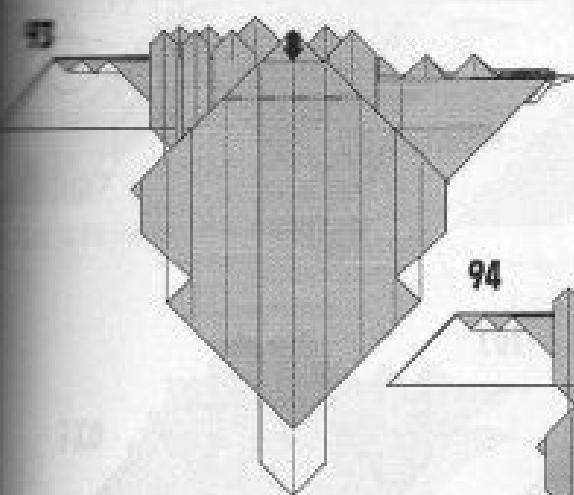
下の紙を上に引き出す



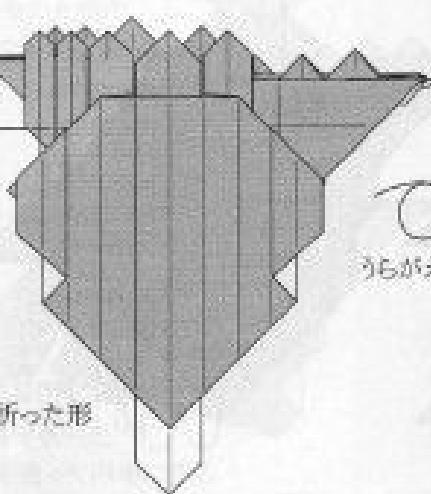
引き出した形



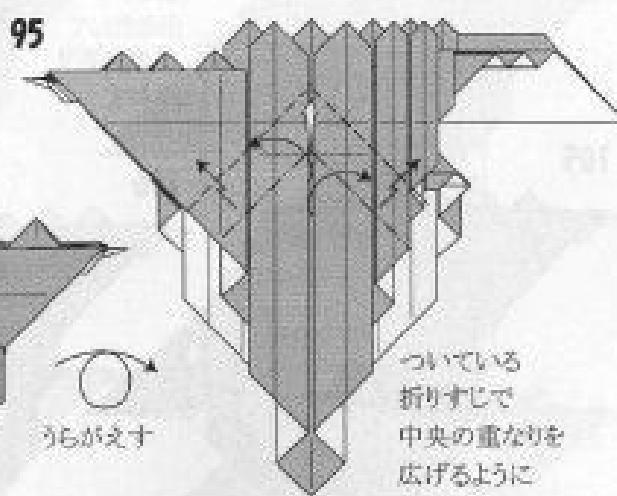
戻す



沈め折り Closed

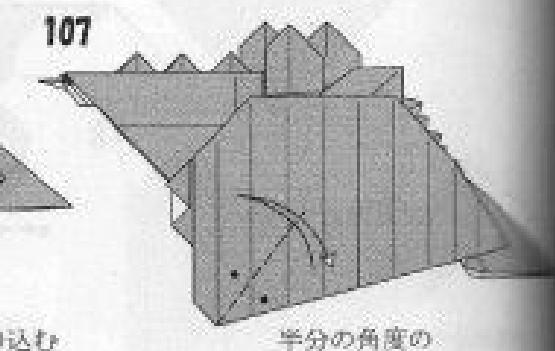
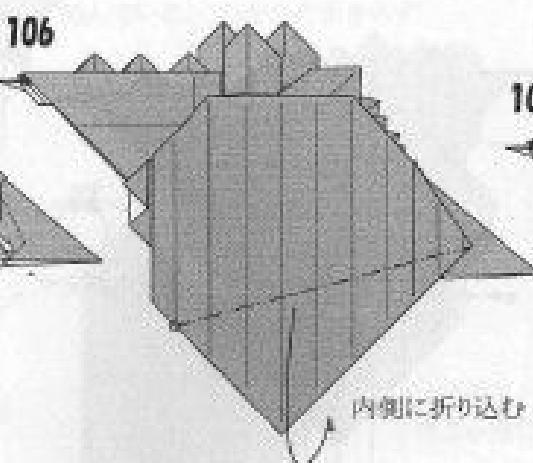
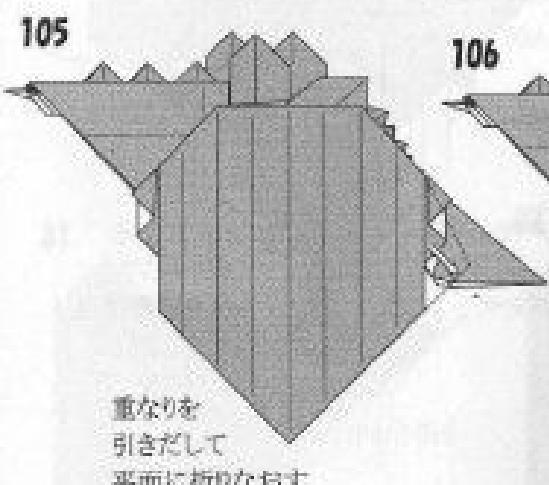
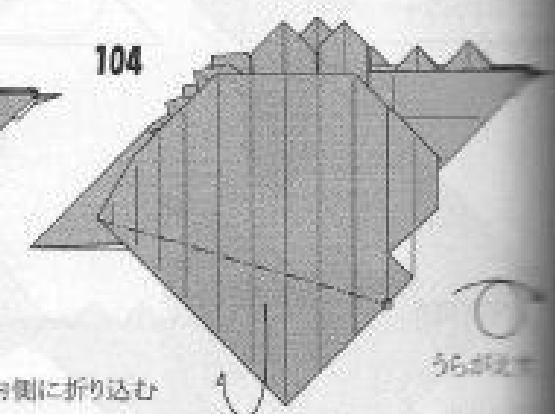
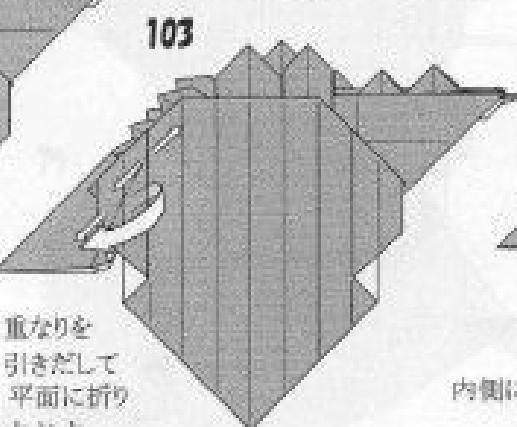
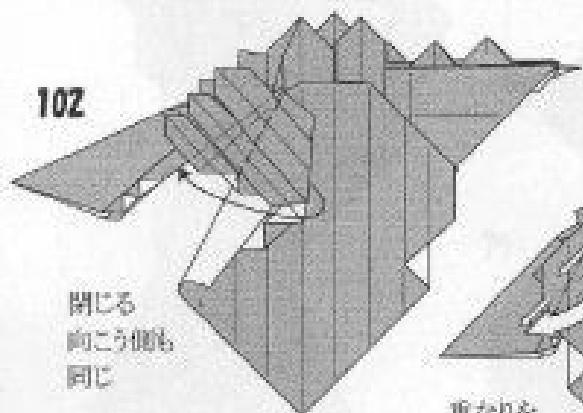
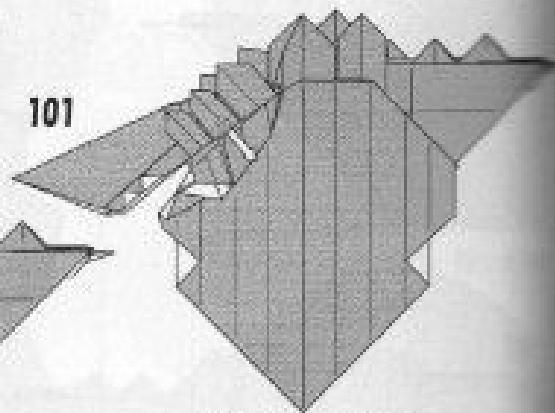
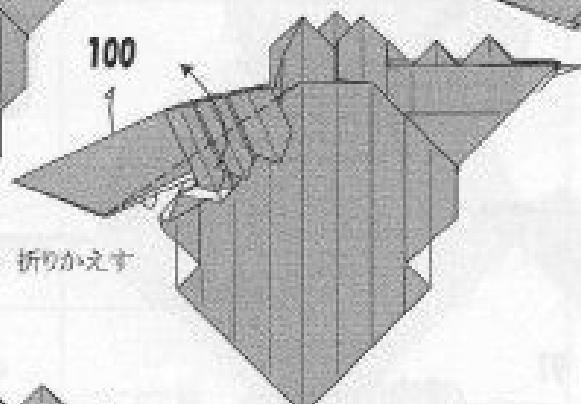
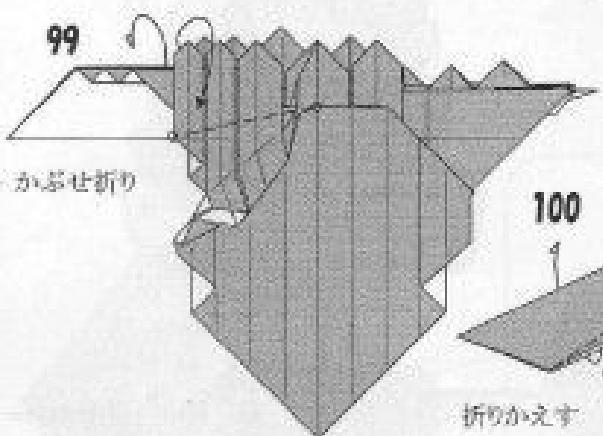
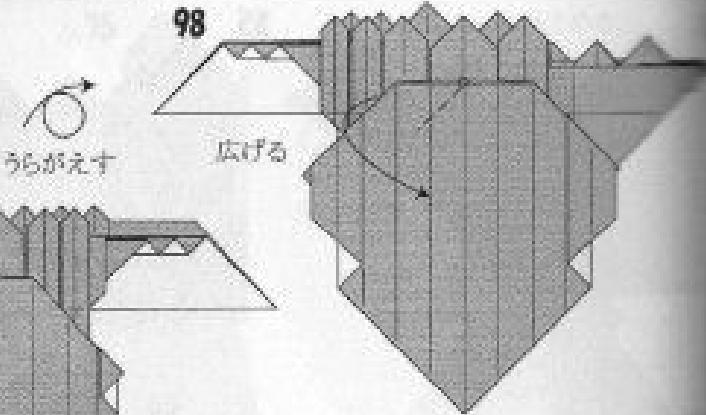
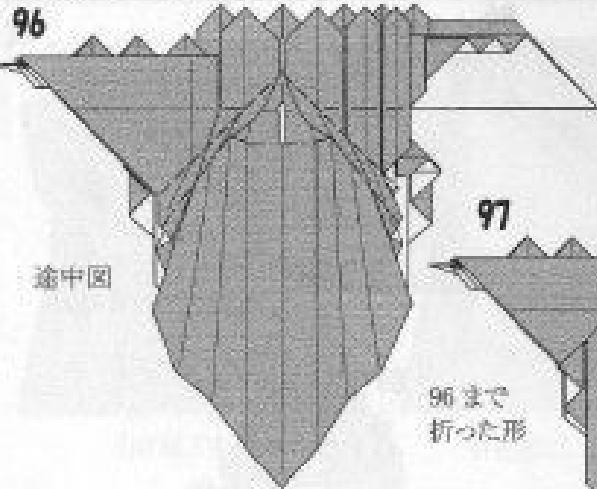


うらがえす

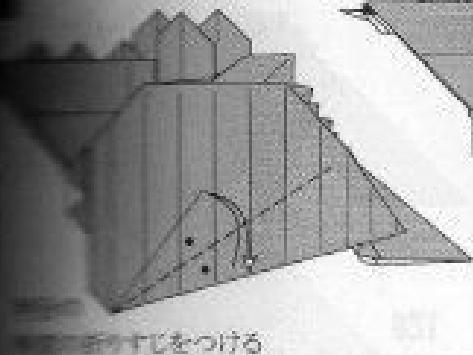


ついている
折りすじで
中央の重なりを
広げるよう
にまとめる

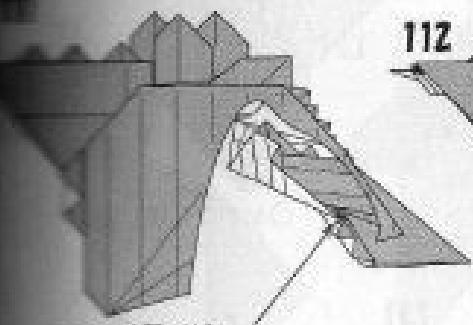
93 まで折った形



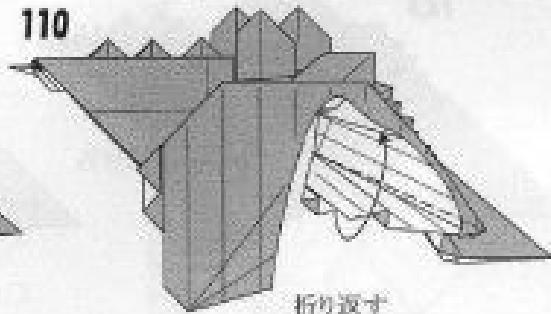
109



太線部をあわせて折る

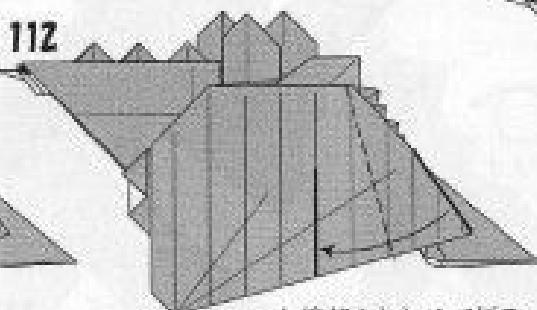
内側の図重なりを引き出す
見やすくするために向こう側の図は省略しています

110



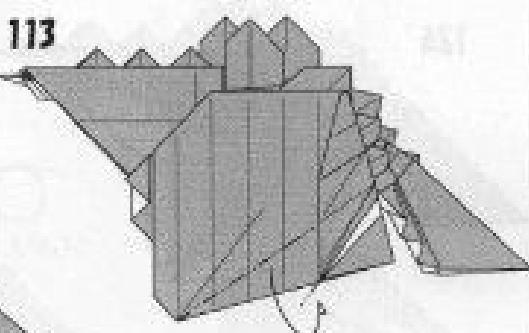
折り返す

112



太線部をあわせて折る

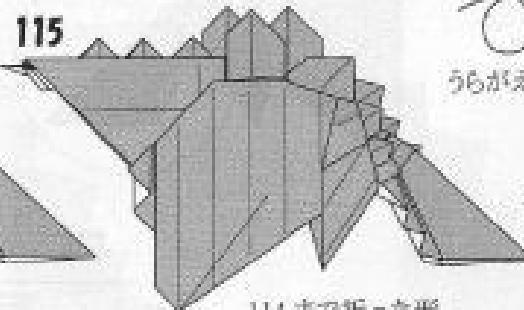
113



108でつけた折りすじを使って内側に折る

内側に折る

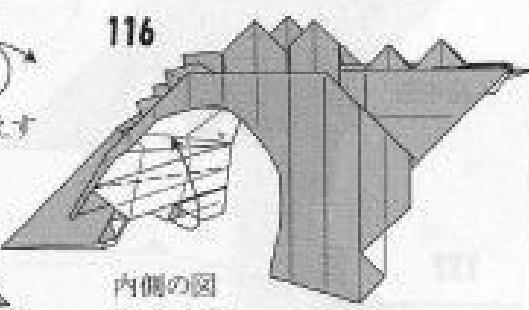
115



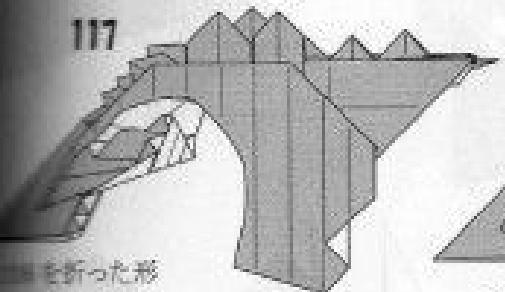
114まで折った形



116

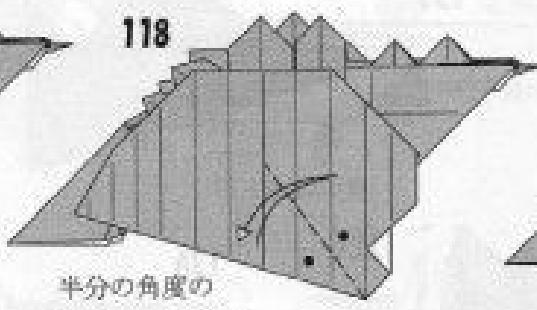
内側の図
折りかえす

117

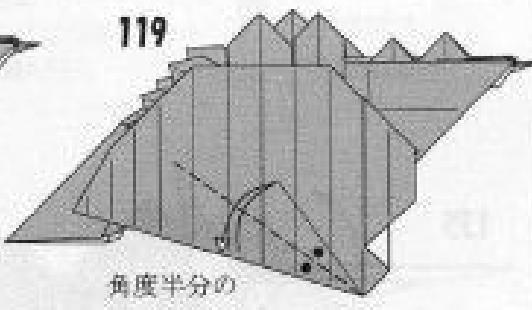


三つを折った形

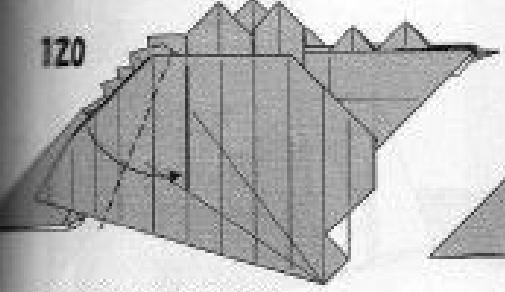
118

半分の角度の
折りすじをつける

119

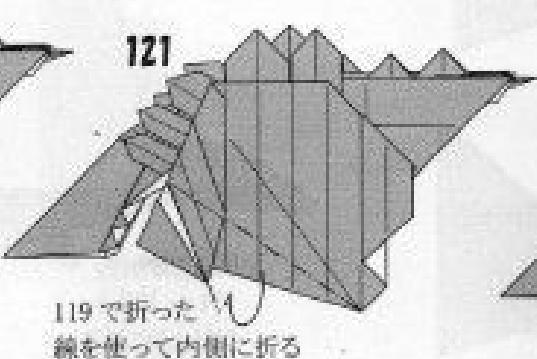
角度半分の
折りすじをつける

120



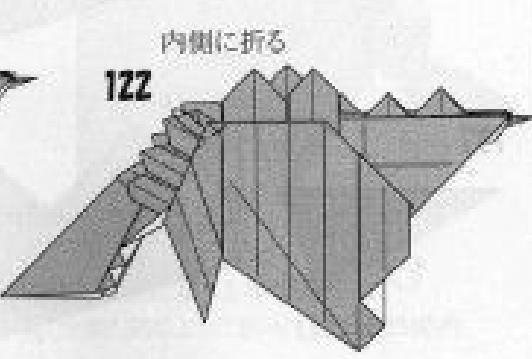
太線部をあわせて折る

121

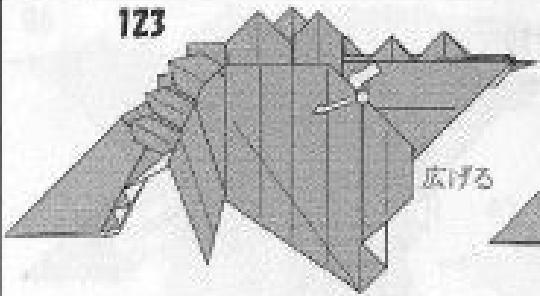
119で折った
線を使って内側に
折る

内側に折る

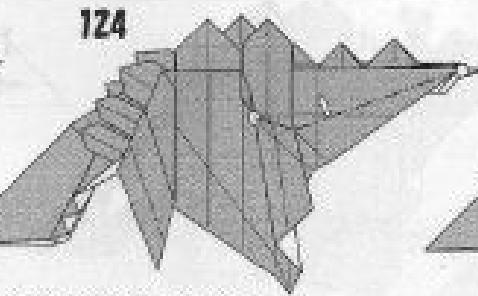
122



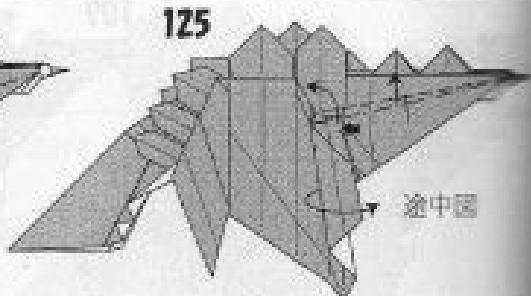
123



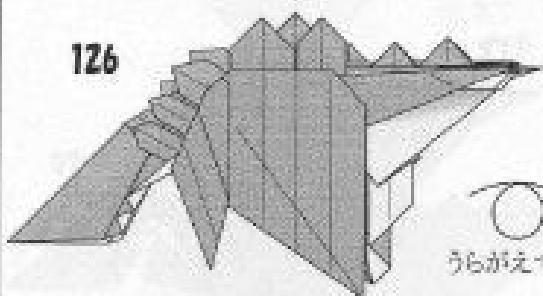
124



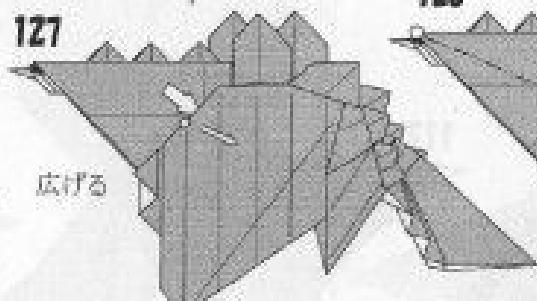
125



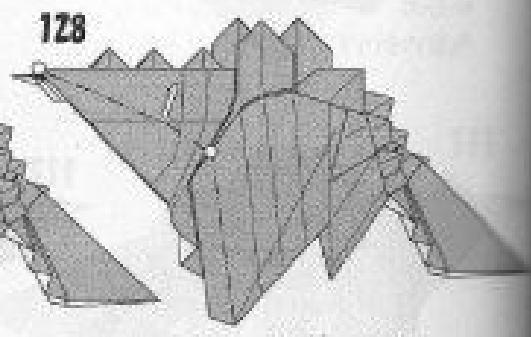
126



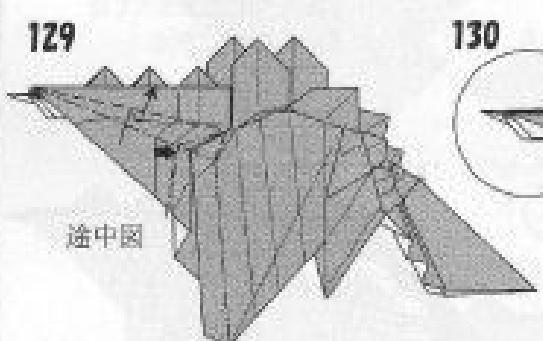
127



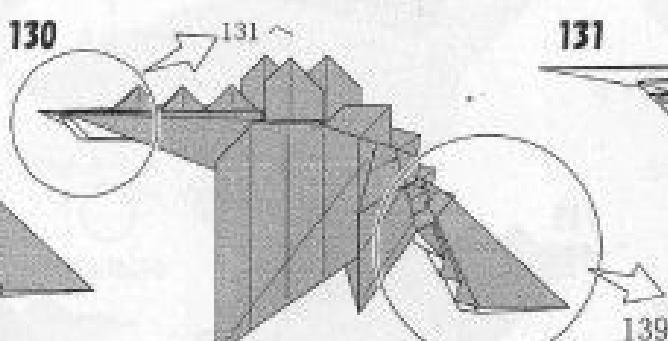
128



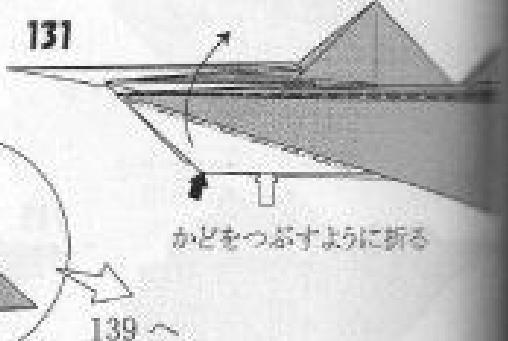
129



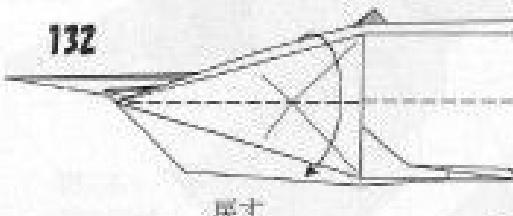
130



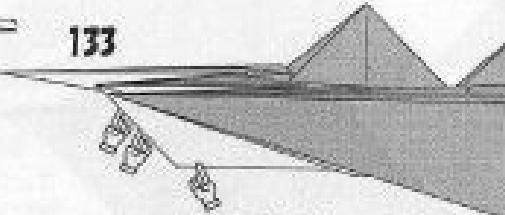
131



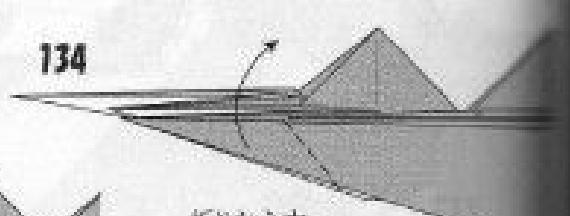
132



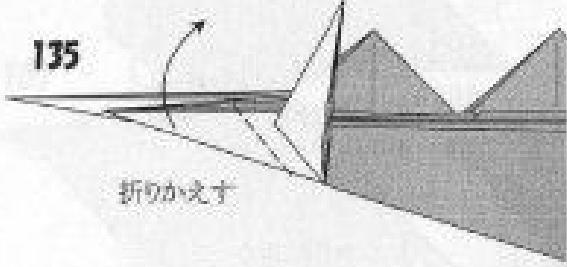
133



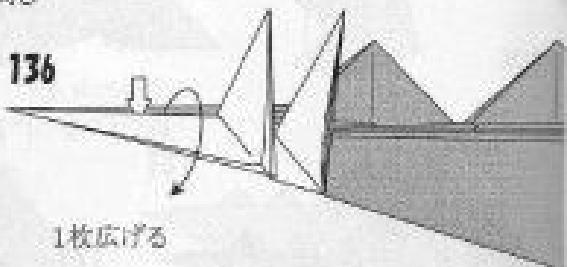
134



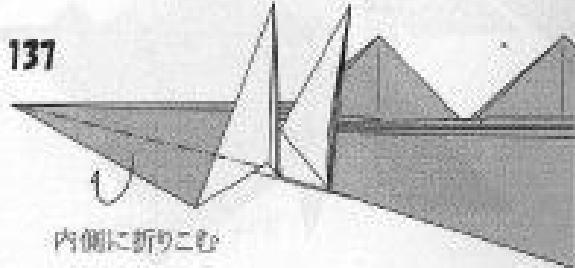
135



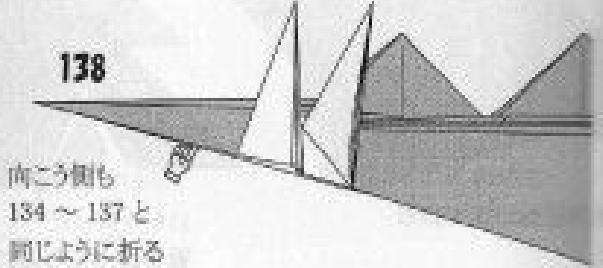
136

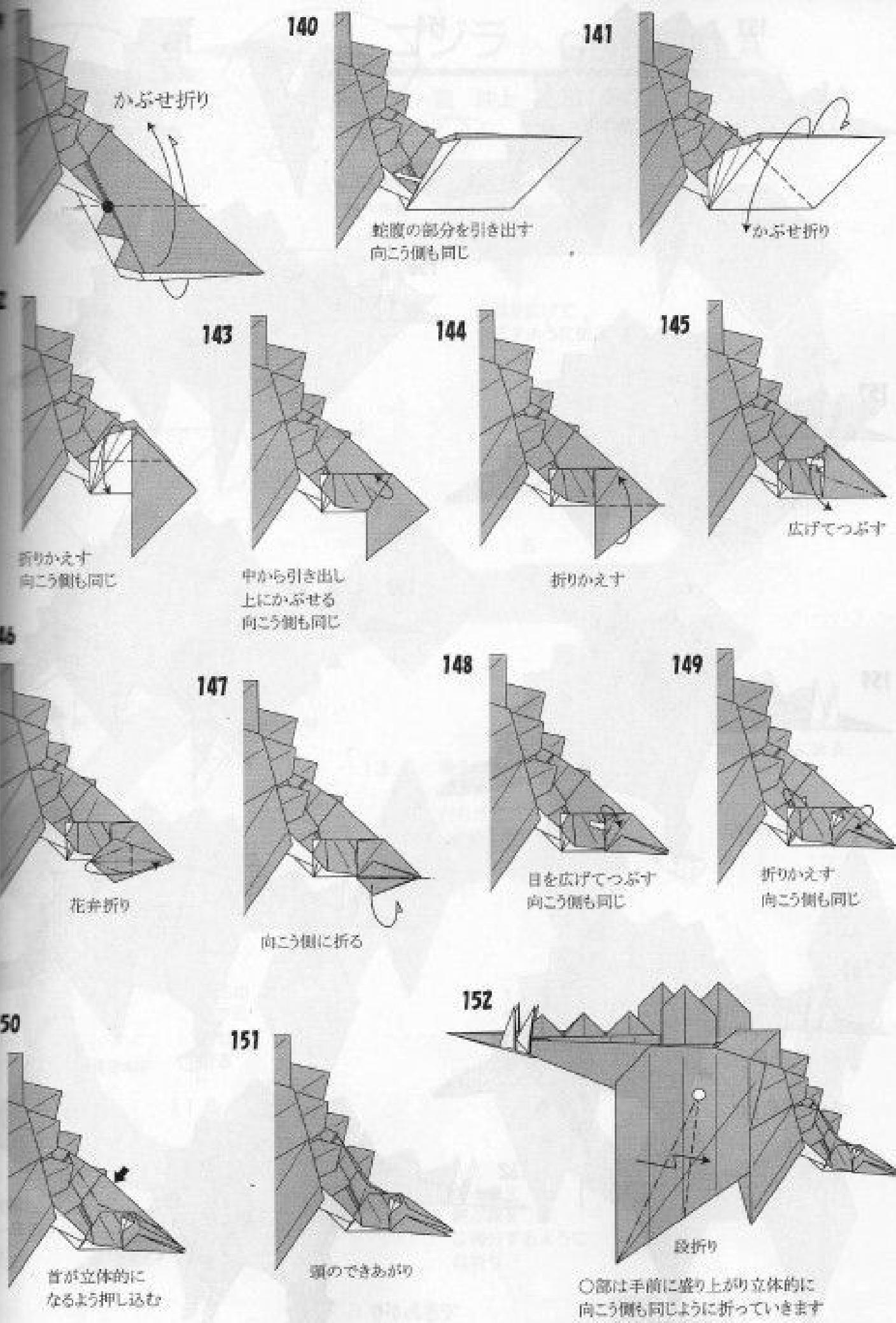


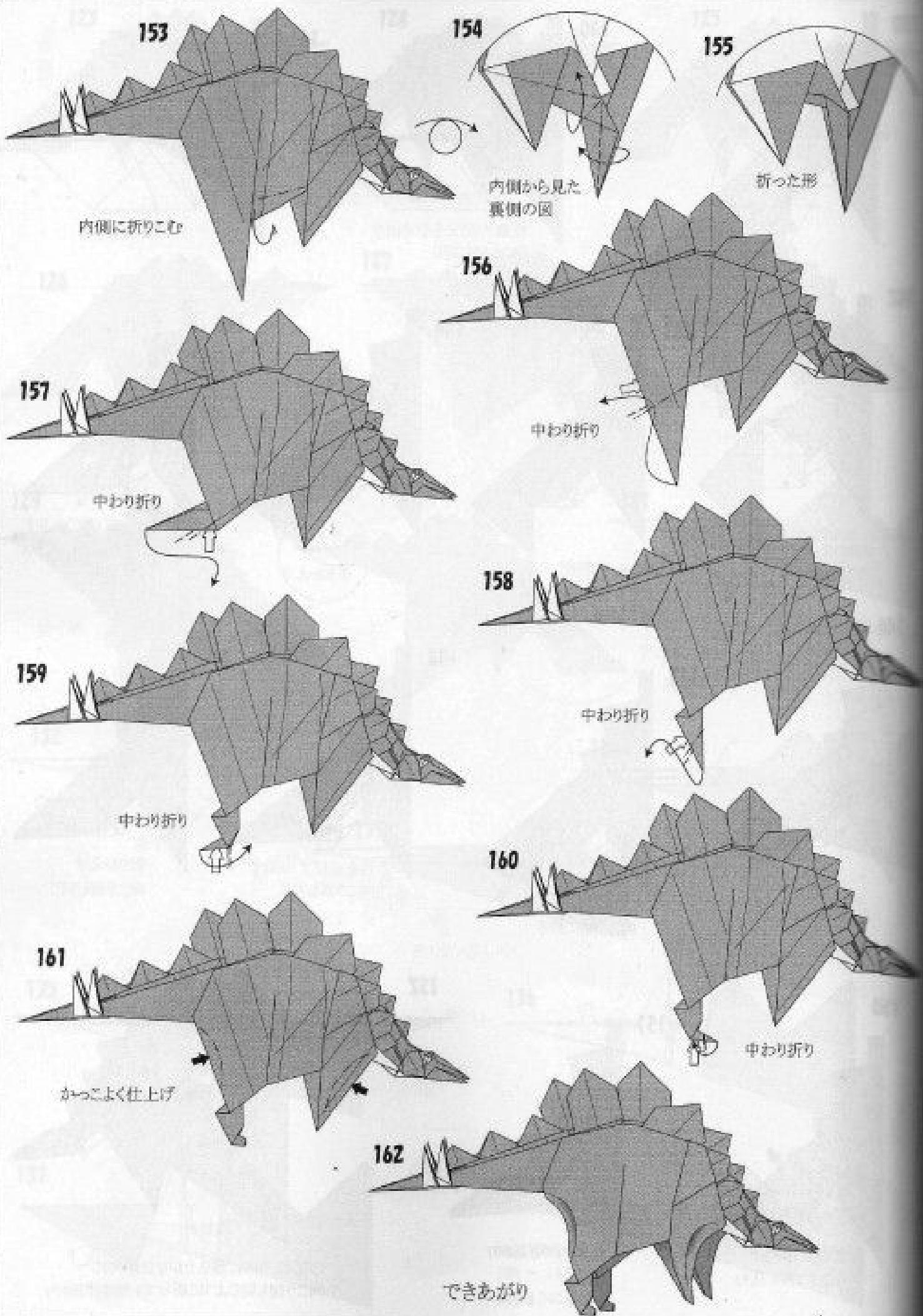
137



138



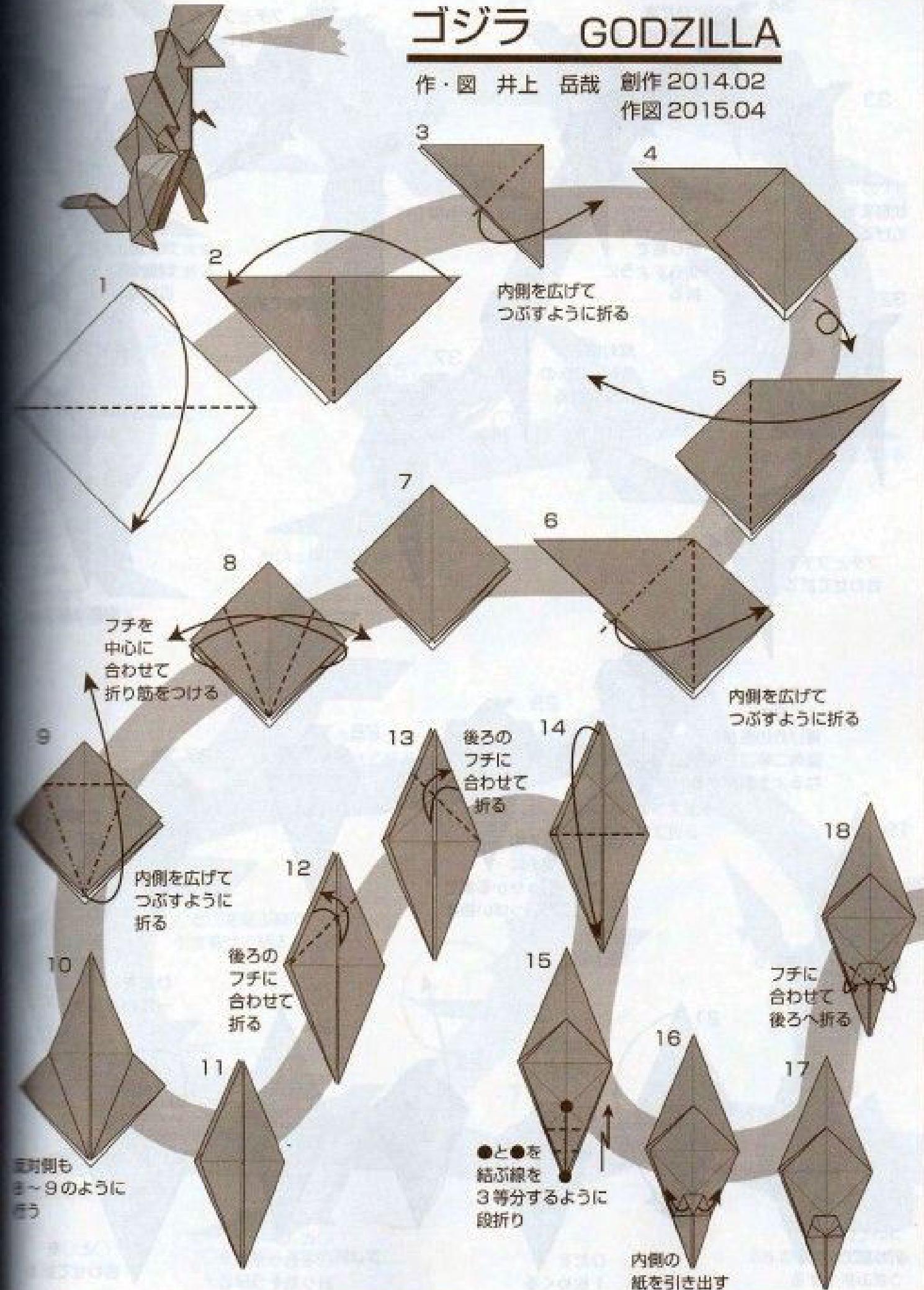


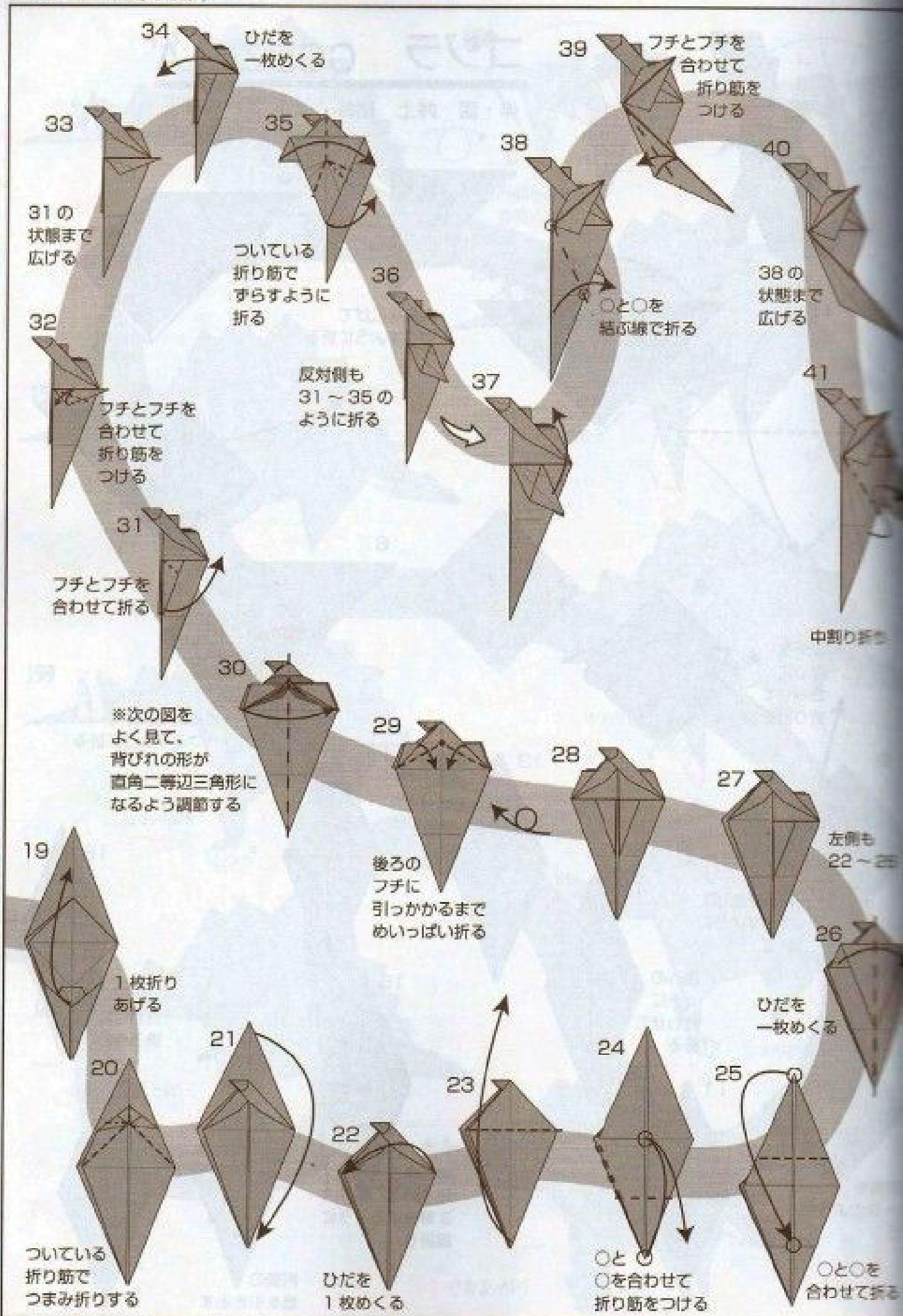


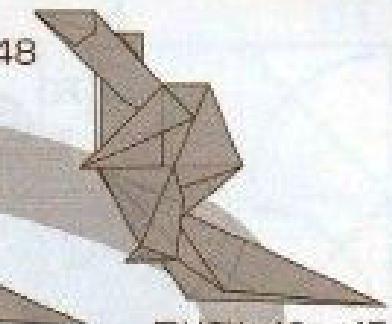
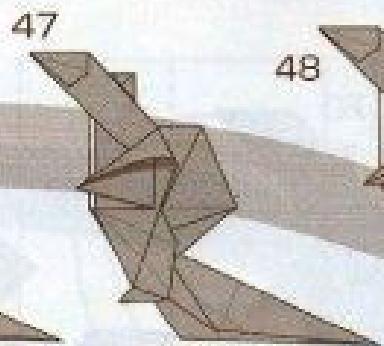
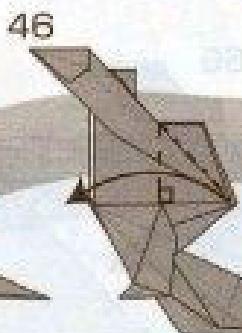
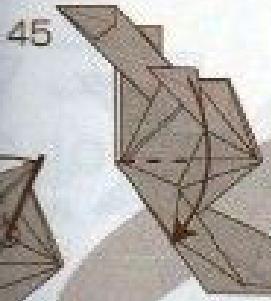
ゴジラ GODZILLA

作・図 井上 岳哉 創作 2014.02

作図 2015.04







引き寄せて折る

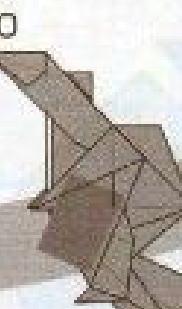
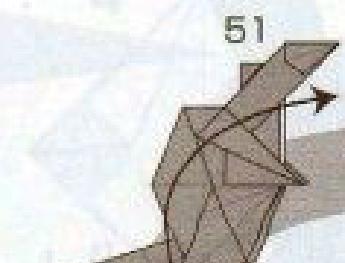
46 の途中の図

反対側も 46 ~ 47 のように折る

50

51

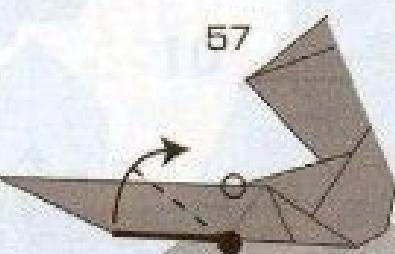
49



○と○を結ぶ線で折る

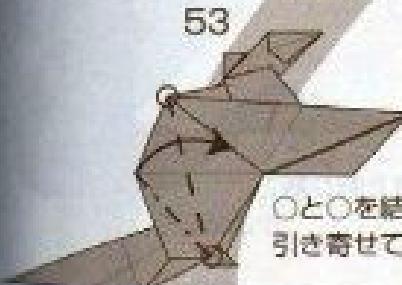


57

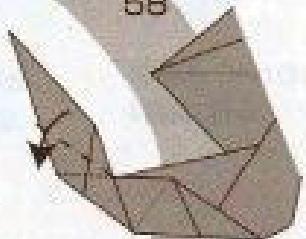
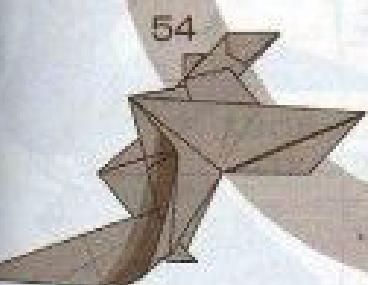


●を軸にして太線を
○に合わせて折る

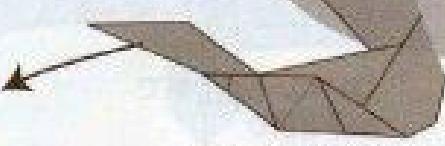
58



56

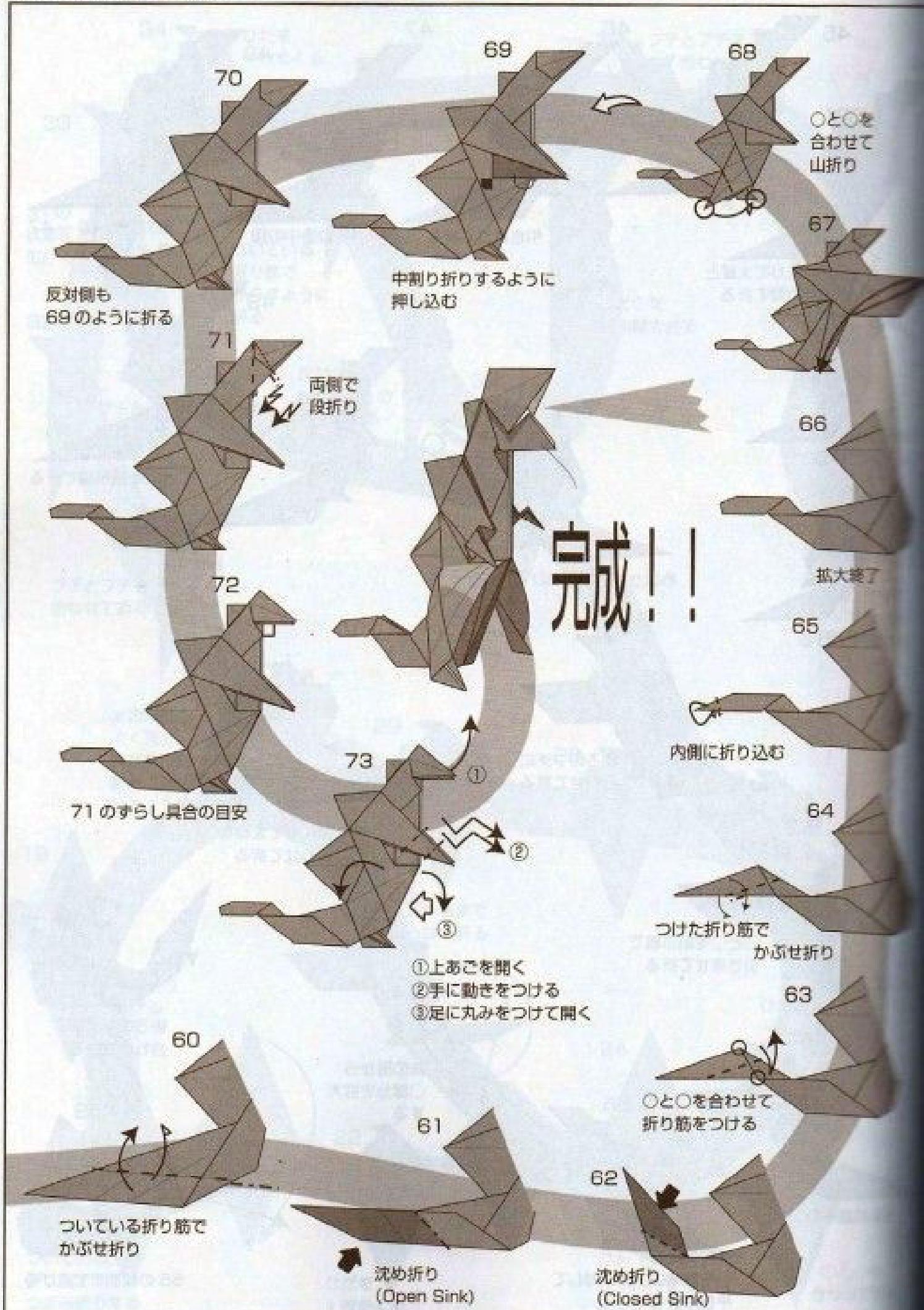


59



○を基準にフチに対して
平行に折る

55 の状態まで広げる



ドラゴン

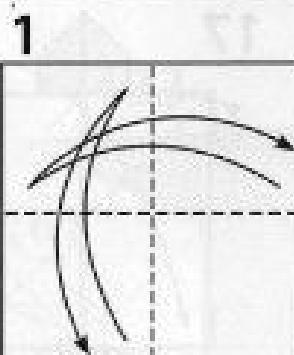
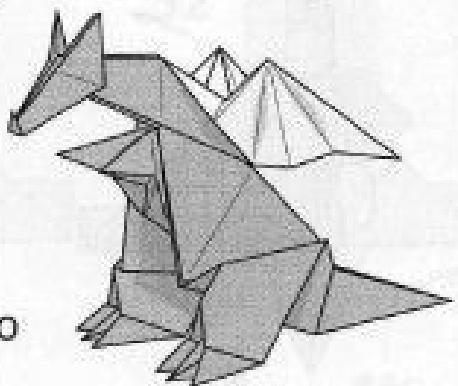
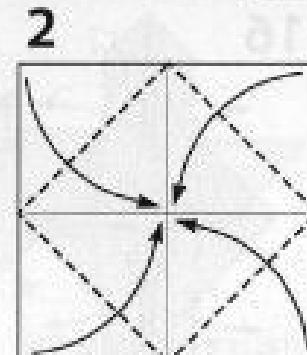
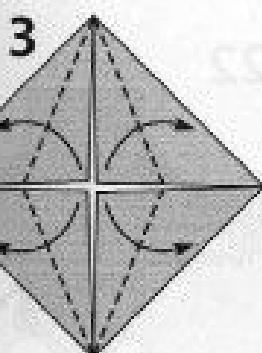
Dragon



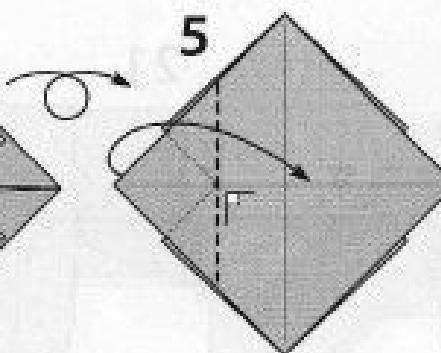
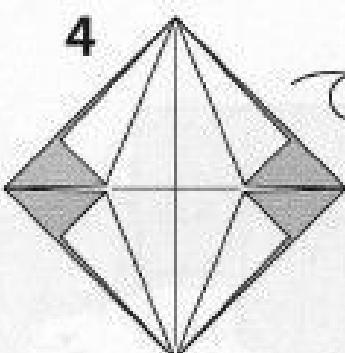
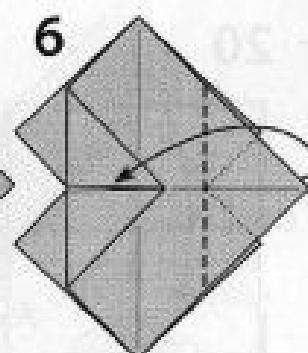
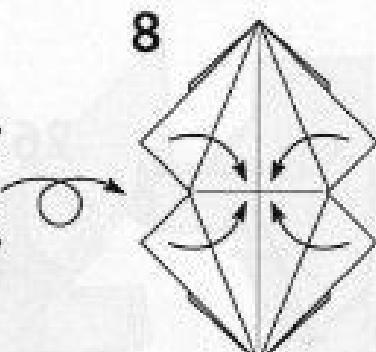
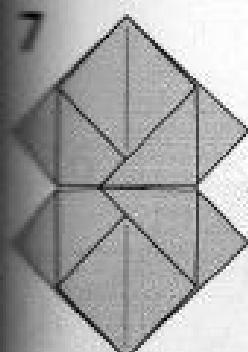
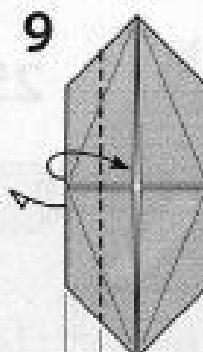
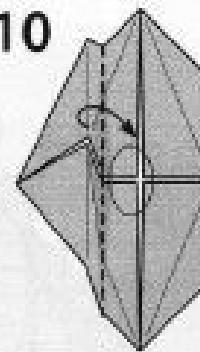
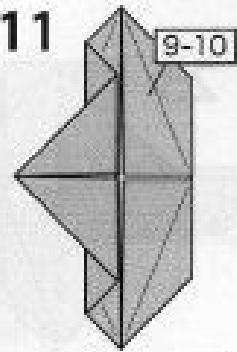
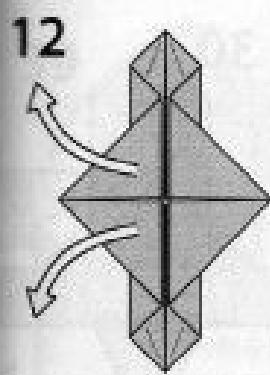
小松英夫

Komatsu Hideo

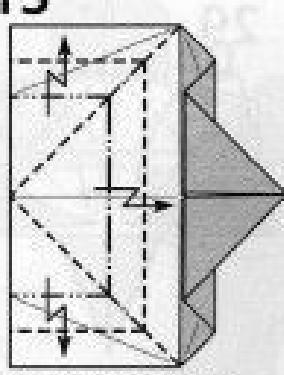
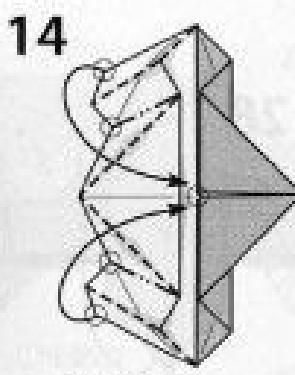
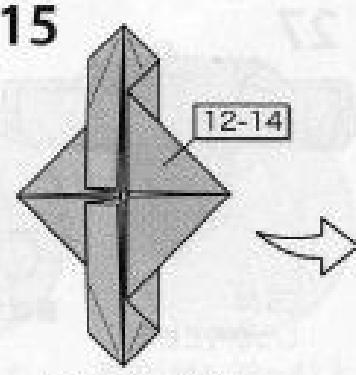
Aug. 2014

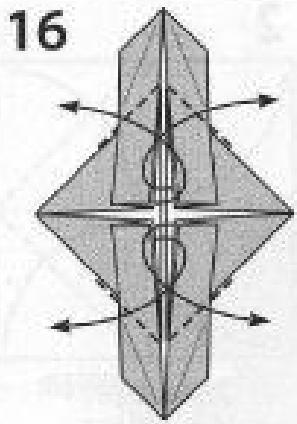
辺を合わせて
折り筋をつける力ドを中心に
合わせて折る
(ざふとん折り)

フチを合わせて折る

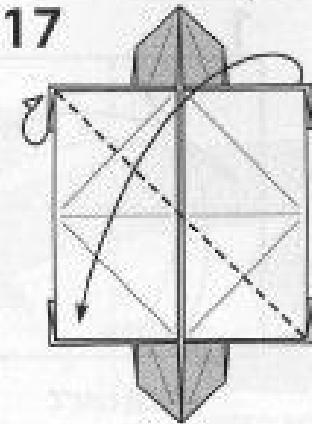
めいっぱいに折れる
位置で力ドを折る右側も 5 と
同様に折る3 で折った
力ドを戻す後ろの力ドを
出しながら
フチを中心線に
合わせて折る(途中の図) 紙が
ずれないように
○の部分を
押さえながら
折ると良い右側も 9~10 と
同様に折る

左半分を全てひらく

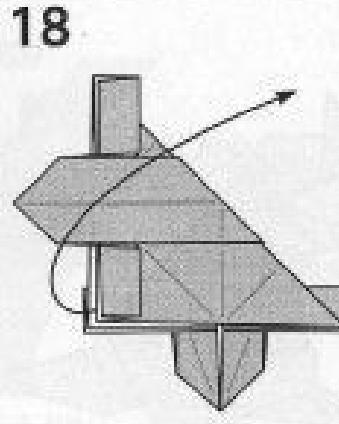
ついている折り筋で
たたみ直す(途中の図)
○を集めるように折りたたむ右側も 12~14 と
同様に折る



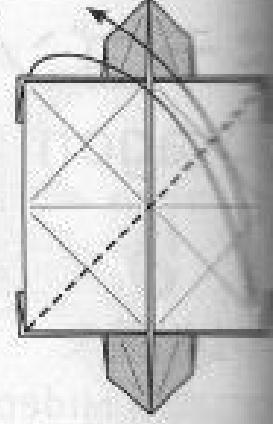
ひらくところで
折り返す



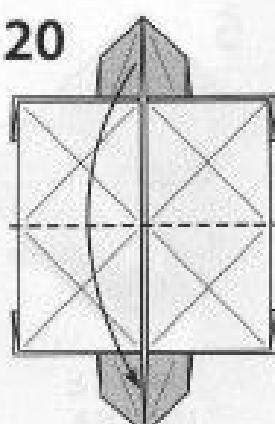
カドを結んで
斜めに半分に折る



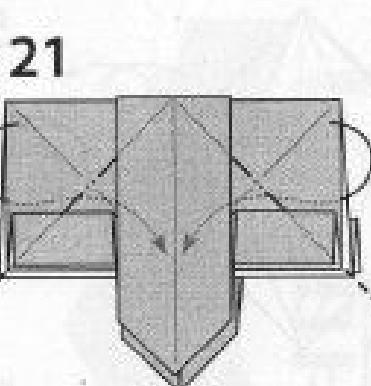
戻す



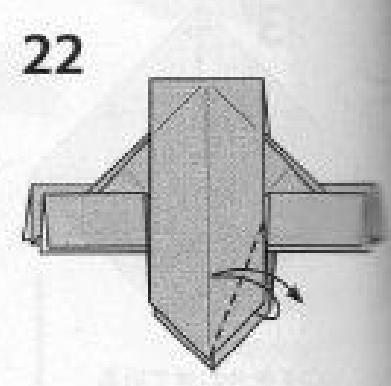
反対側も 17~18と
同様に折り筋をつける



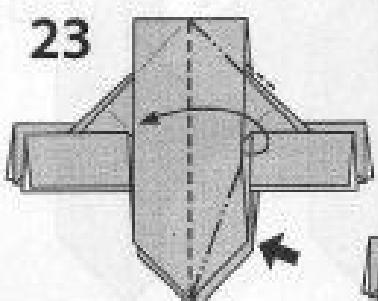
半分に折る



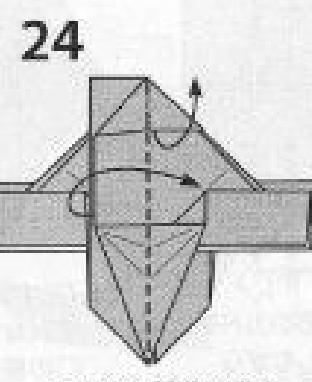
ついている折り筋で
中割り折り



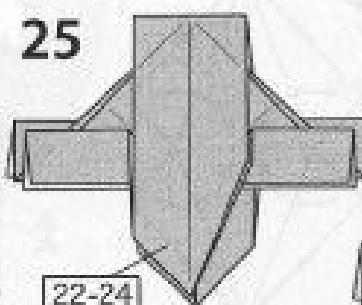
フチを折り筋に合わせて
折り筋をつける



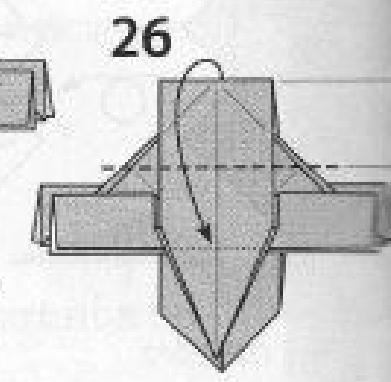
フチをめくって
かけた折り筋で
カドを三角につぶす



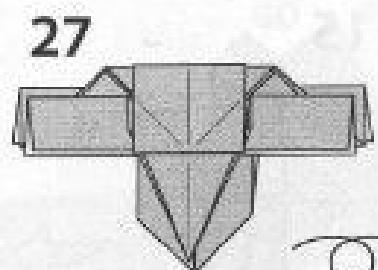
つぶした部分以外を
戻すように折る



左側も 22~24と
同様に折る

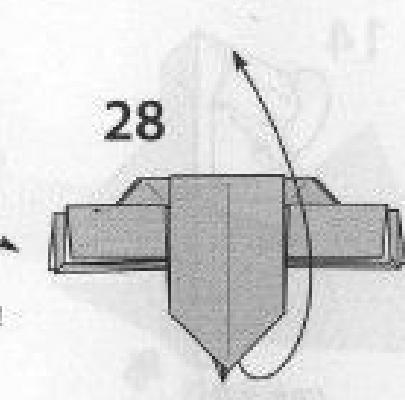


フチを合わせて折る

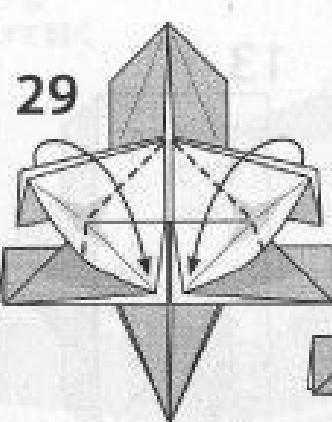


26は
しっかりと折る

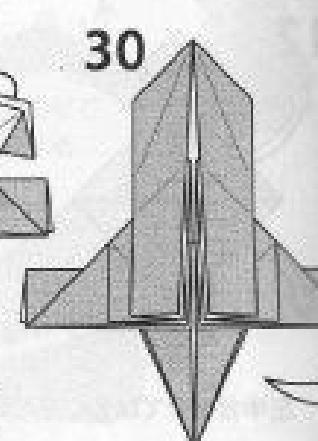
裏返す！

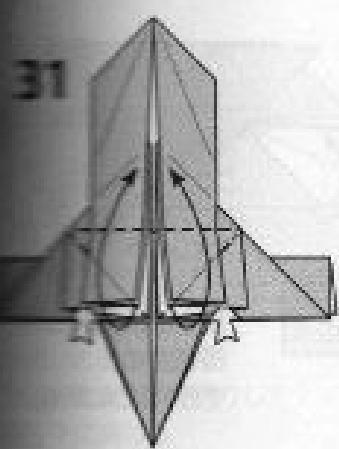


手前のカドを上にひらく

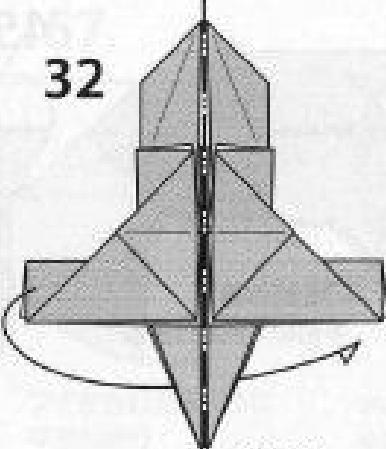


持ち上がったカドを
下に折りたたむ

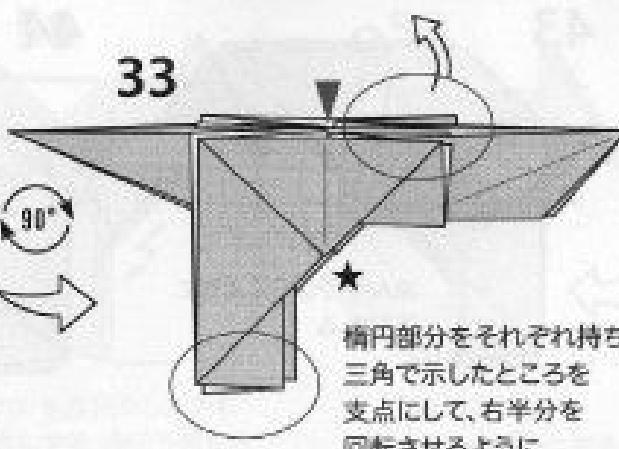




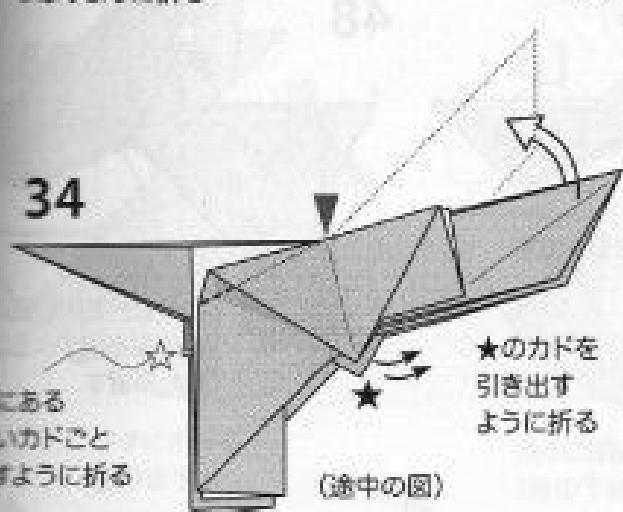
内側をひろげて
つぶすように折る



後ろへ
半分に折る



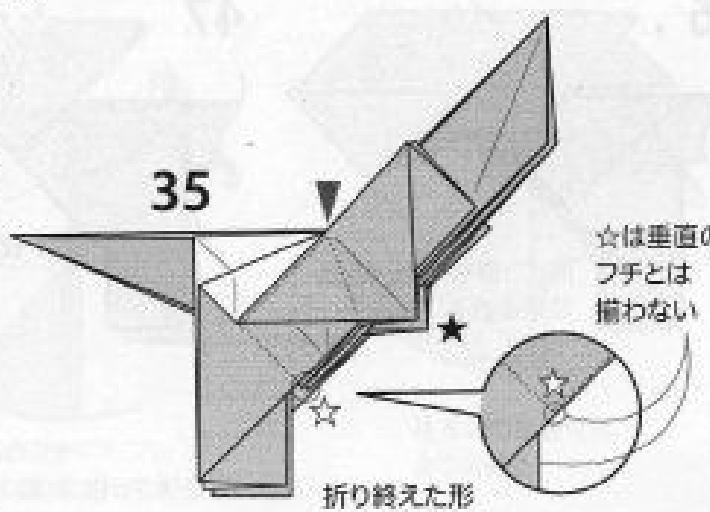
★
横円部分をそれぞれ持ち、
三角で示したところを
支点にして、右半分を
回転させるように
ひっぱり上げる



△にある
直角のカドごと
がらすように折る

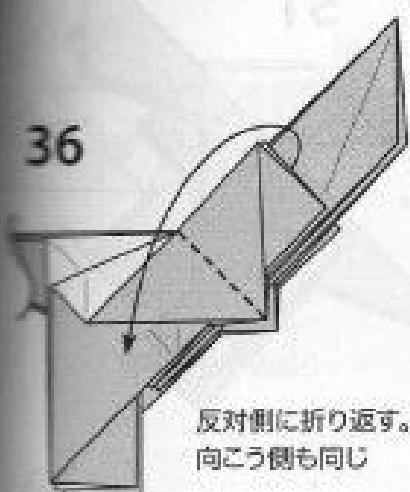
★のカドを
引き出す
ように折る

(途中の図)

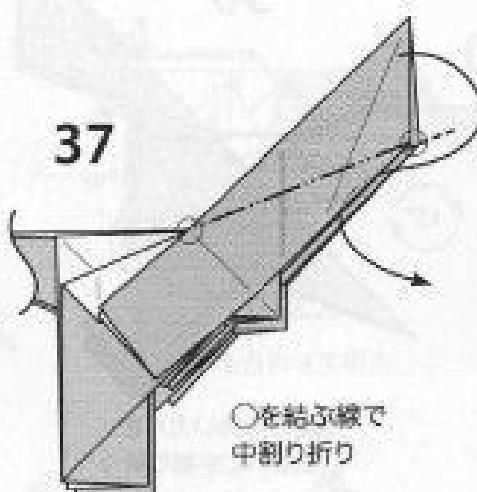


☆は垂直の
フチとは
揃わない

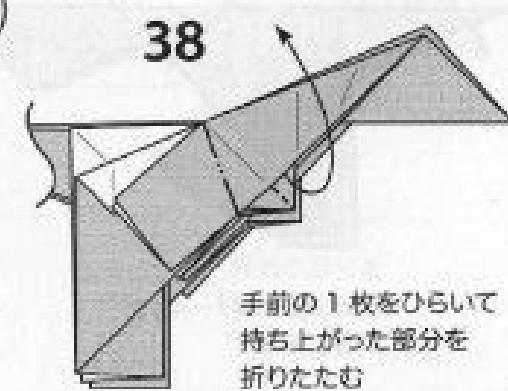
折り終えた形



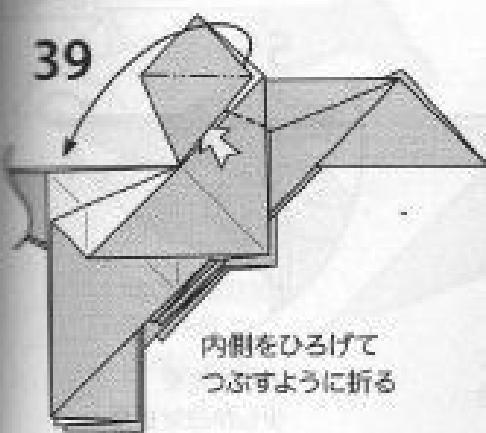
反対側に折り返す。
向こう側も同じ



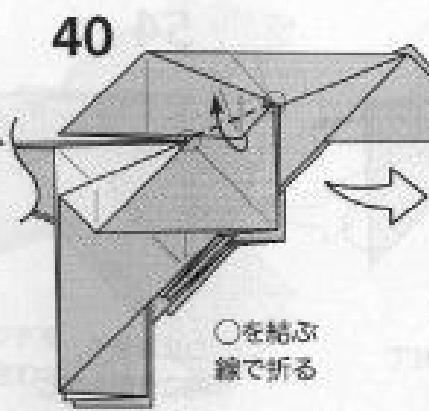
○を結ぶ線で
中割り折り



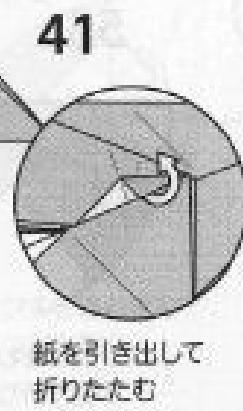
手前の1枚をひらいて
持ち上がった部分を
折りたたむ



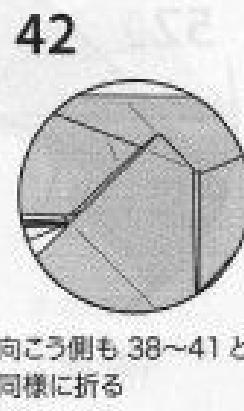
内側をひろげて
つぶすように折る



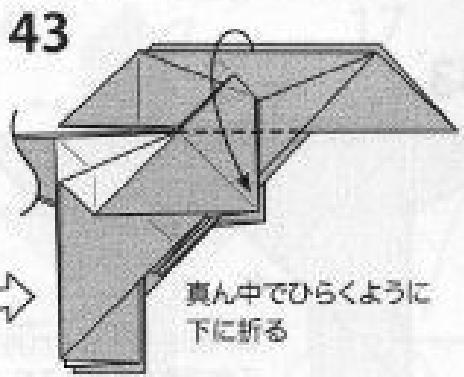
○を結ぶ
線で折る



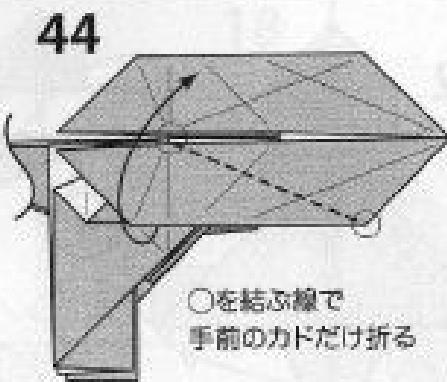
紙を引き出して
折りたたむ



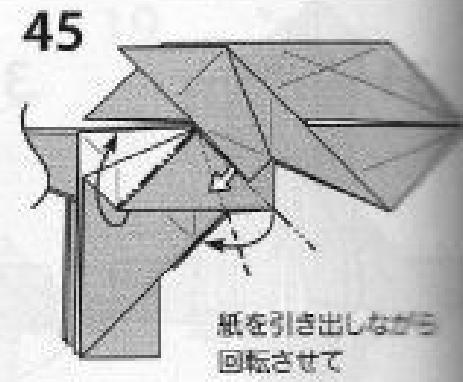
向こう側も38~41と
同様に折る



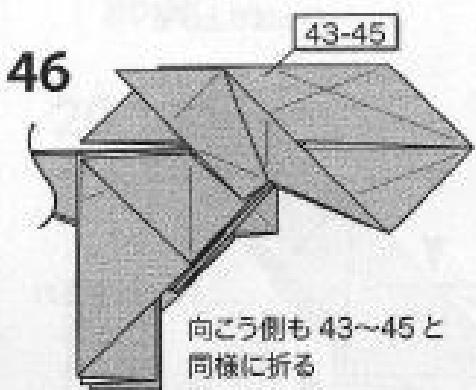
真ん中でひらくように
下に折る



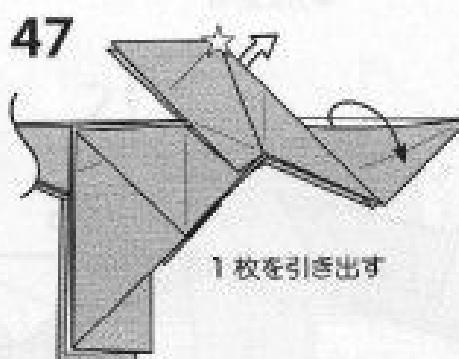
○を結ぶ線で
手前のカドだけ折る



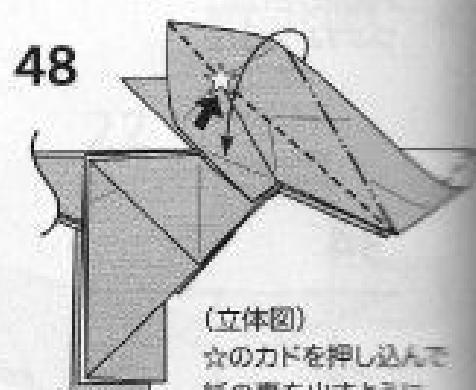
紙を引き出しながら
回転させて
ずらすように折る



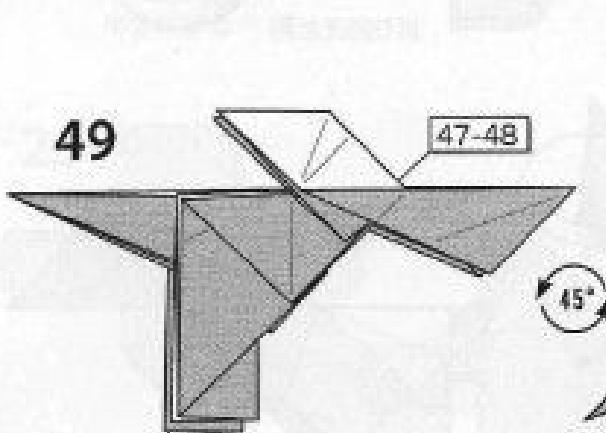
向こう側も 43~45 と
同様に折る



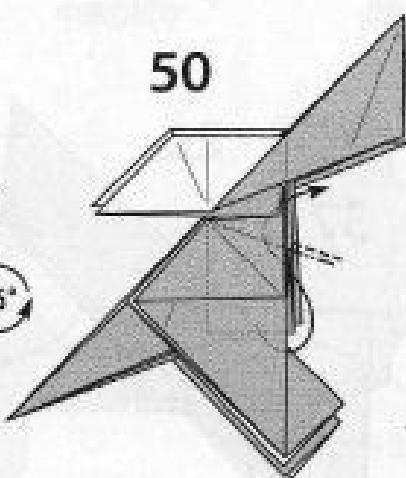
1枚を引き出す



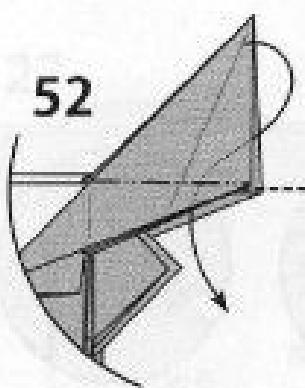
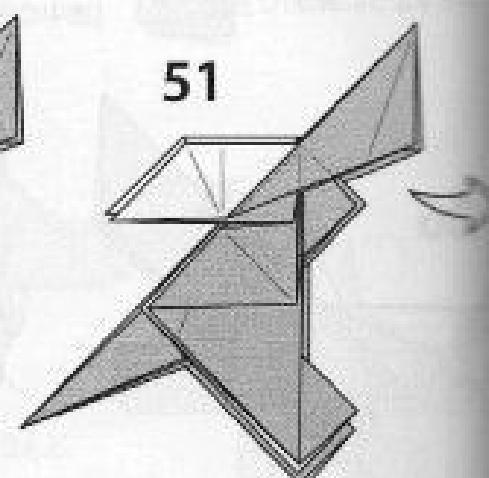
(立体図)
☆のカドを押し込んで
紙の裏を出すように
たたみ直す



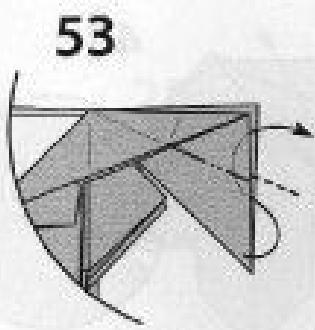
向こう側も 47~48 と
同様に折る



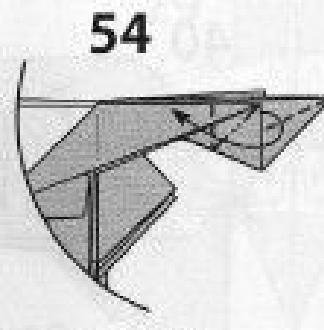
内側の四角いカドを
いっぱいに中割り折り



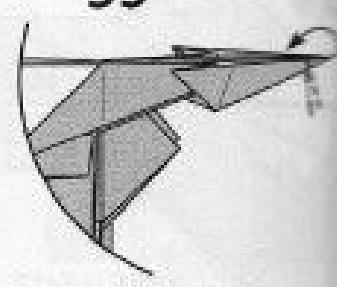
中割り折り



フチを合わせて
中割り折り

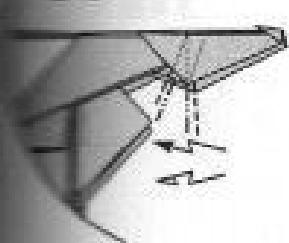


つまみ折り。
向こう側も同じ



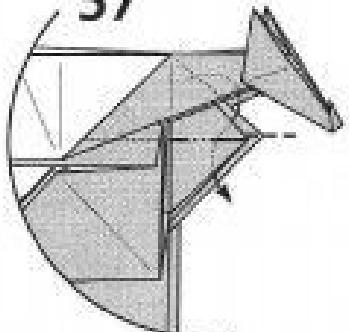
カドの先を
少しあわせ折り

56



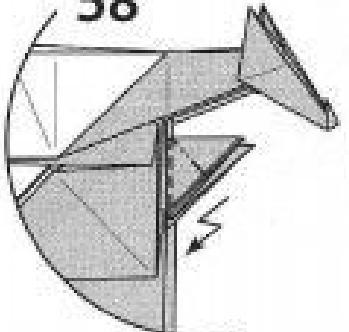
手のカドの根元で
あわせるように段折りして
頭を下に向ける

57



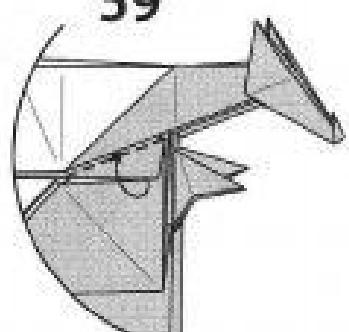
フチを合わせるように
中割り折り

58



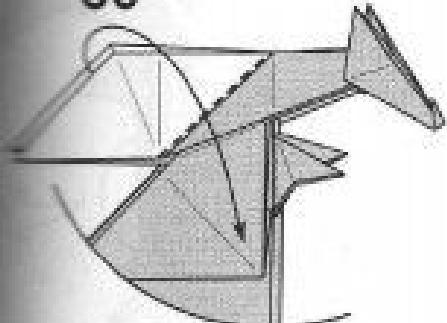
手のカドを段折りしたのち
半開きにする。向こう側も同じ

59



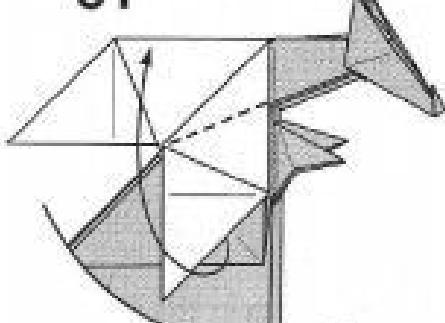
すき間に
差し込むように折る

60



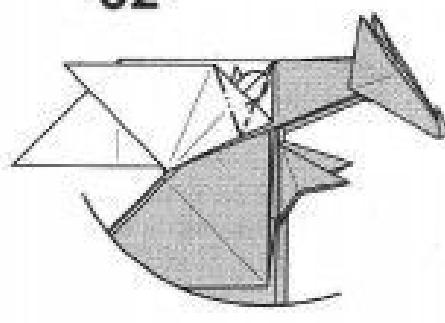
フチに沿って
折り返す

61



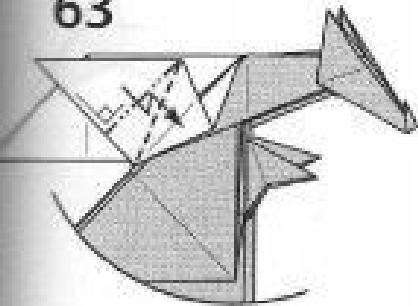
後ろの斜めのフチ
(首の下側の線)に沿って折る

62



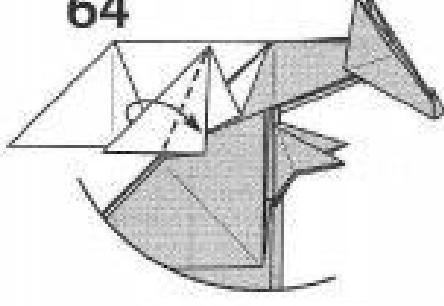
後ろに引き寄せる
ように折る

63



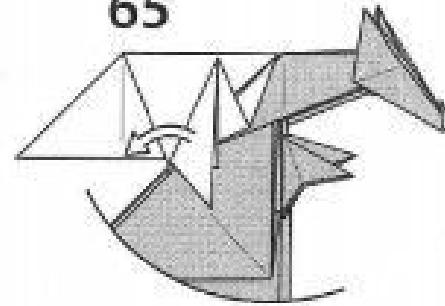
図の目安で段折り

64



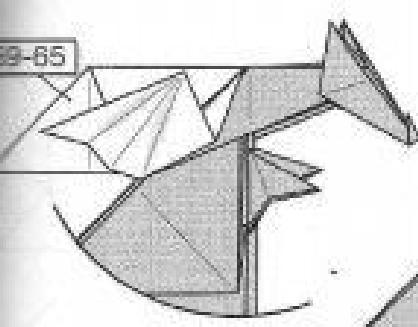
フチを合わせて折る

65



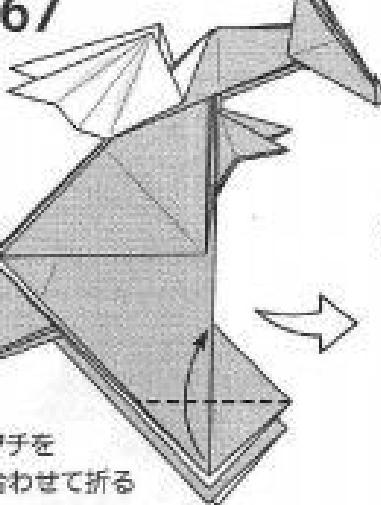
段折り部分を
半開きにする

66



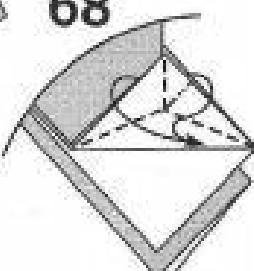
向こう側の羽も
59~65と
同様に折る

67



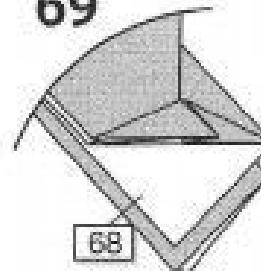
フチを
合わせて折る

68



フチを合わせて
つまみ折り

69



次のカドを
68と同じ向きに
つまみ折り

70

71

72

間のカドを中割り折り

先端が揃うように
間のカドを中割り折り

向こう側の足も
67~71と同様に折る

73

74

75

手前の足を
ひらくところで
折り返す

○のカドを合わせるように
下に折り返す

76

77

78

内側のフチに沿って
中割り折り

向こう側の足も
73~76と同様に折る

両側で段折りして
尾を曲げる

79

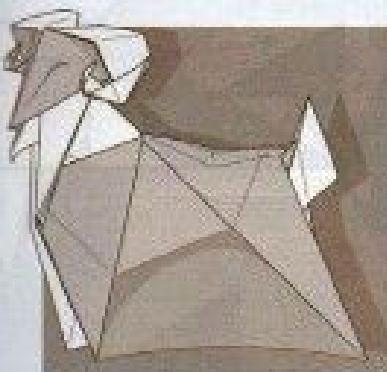
80

尾と足の下のラインが
揃うようにする

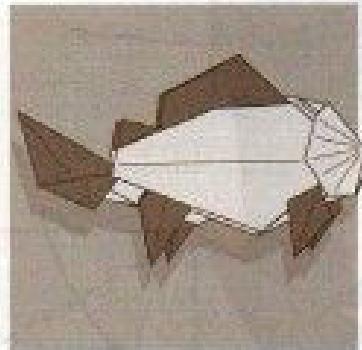
形を整えて、できあがり

150 第21回折紙探偵団ベンション折り図集 vol.21 2015年

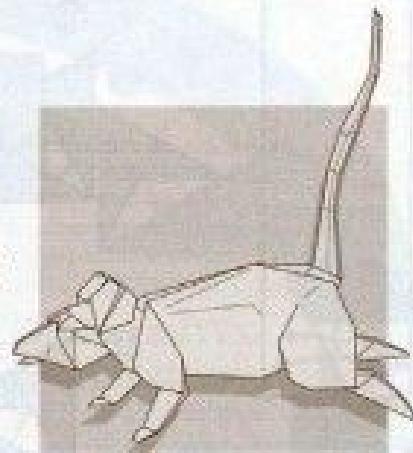
The 21st Origami Tanteidan Convention



© Nguyen Hung Cuong



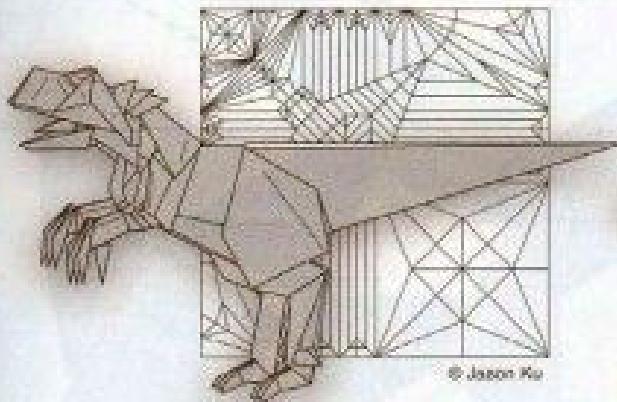
© Richard Ojeda Soto



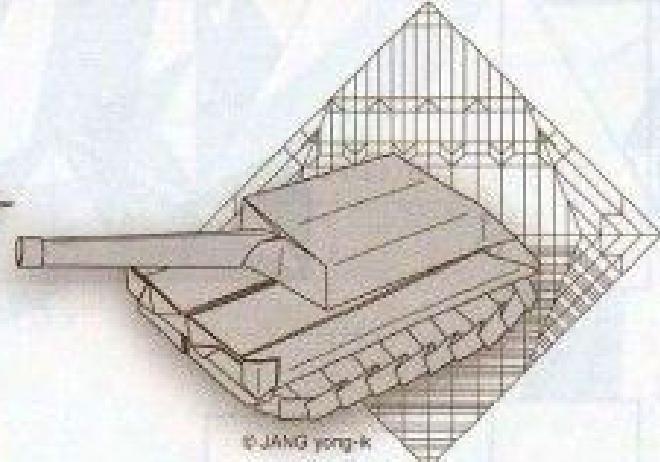
© Ronald Koh

第21回折紙探偵団コンベンション折り図集 The 21st Origami Tanteidan Convention Book

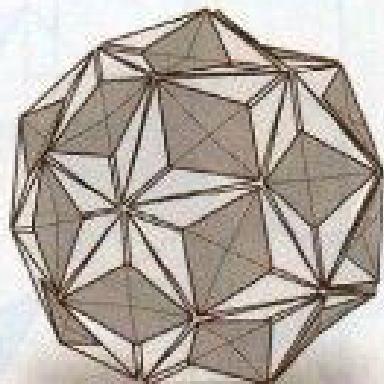
海外編／Models by Foreign Folders



© Jason Ku



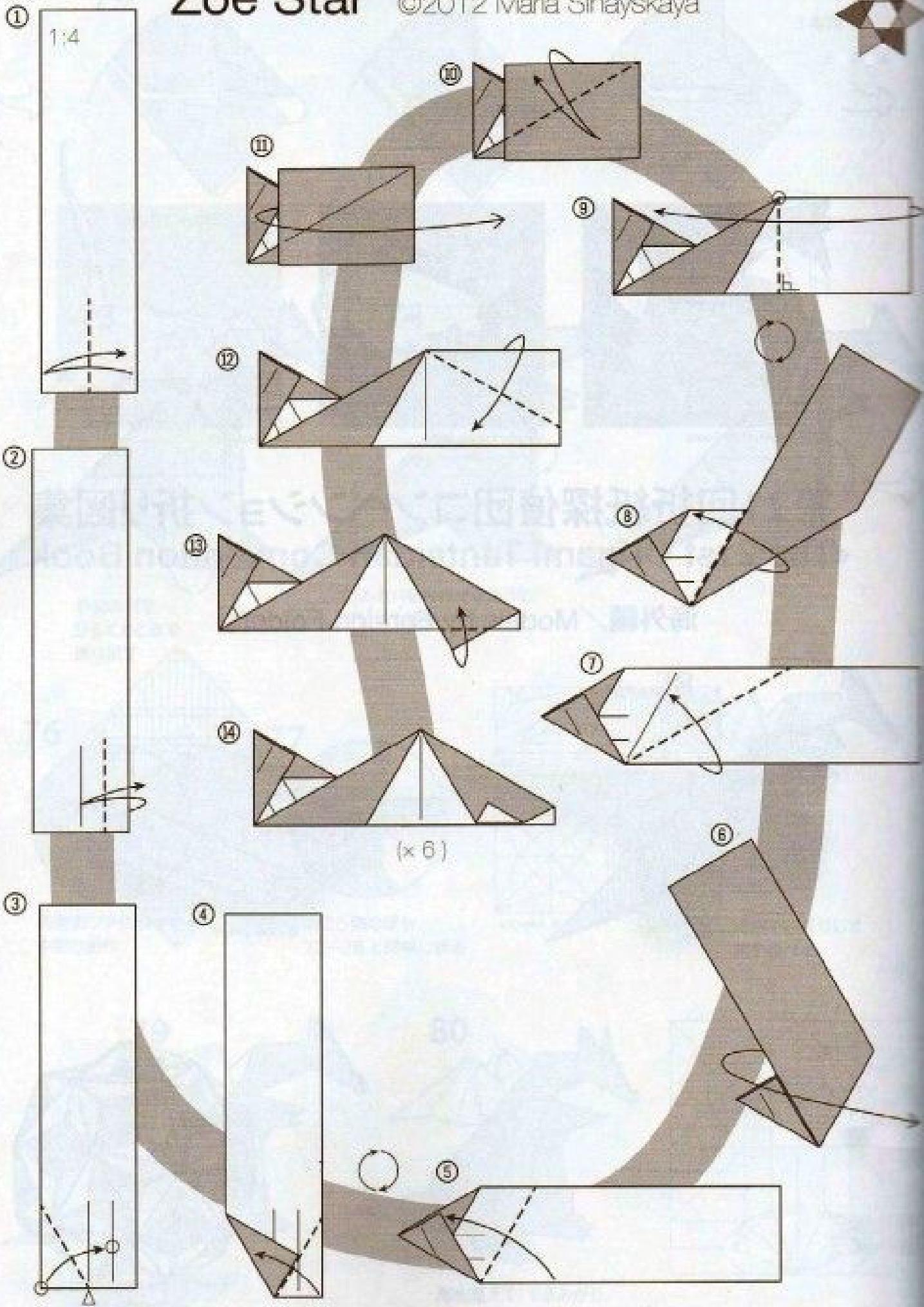
© JANG yong-k



© Francesco Mancini

Zoe Star

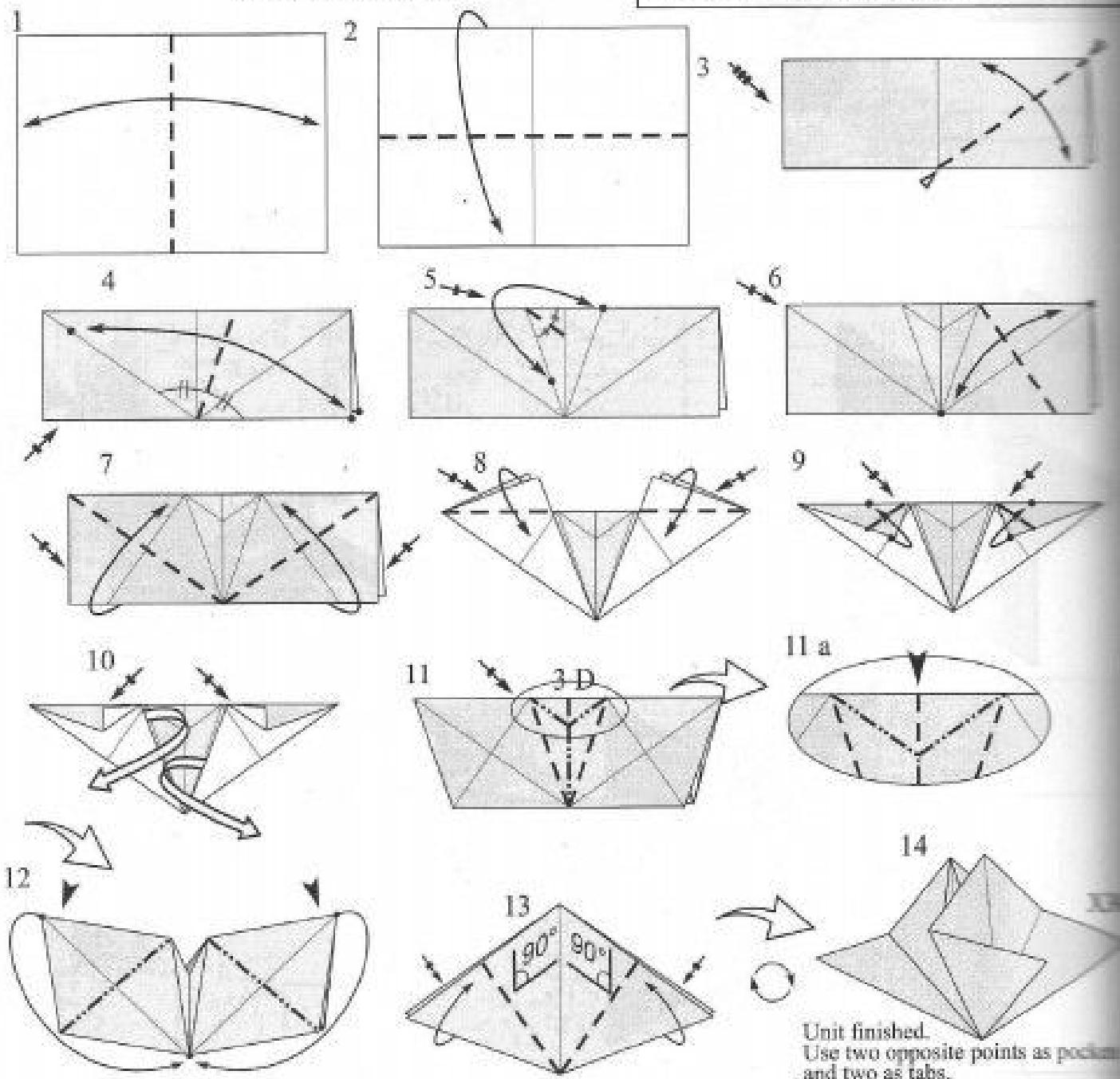
©2012 Maria Sinayskaya



Stella dell'Avvento

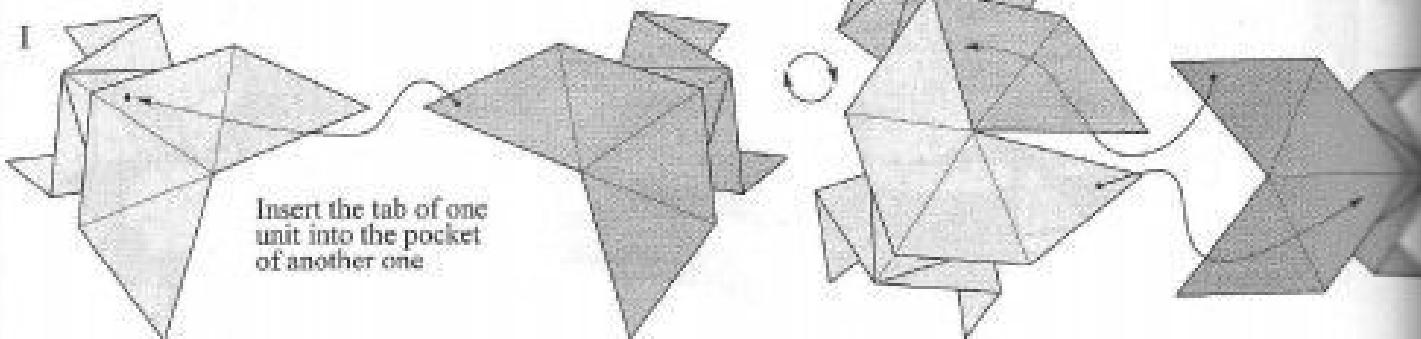
Design: Francesco Mancini
Diagrams: Francesco Decio/
Francesco Mancini

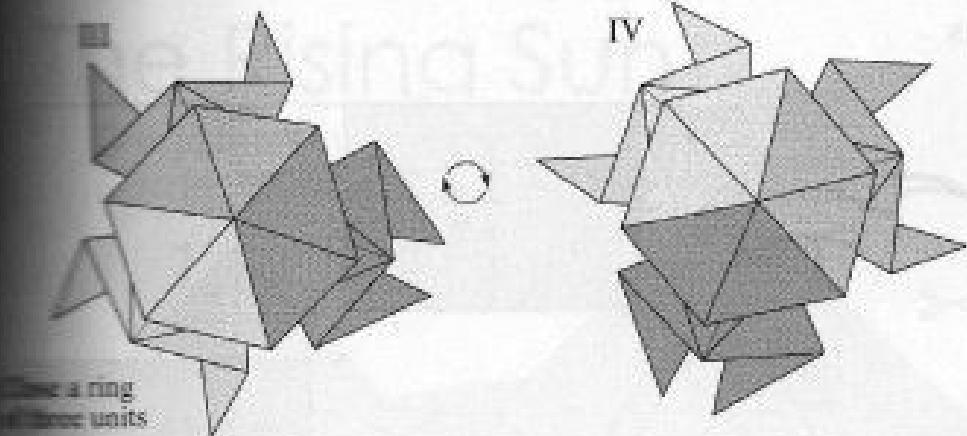
Proportions of the paper 1: $\sqrt{2}$.
Starting from A7 the final model will have
a diameter of 8cm.
You will need 30 or 60 units according to the
model you want to assemble.



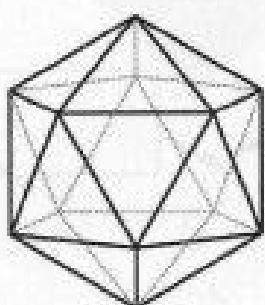
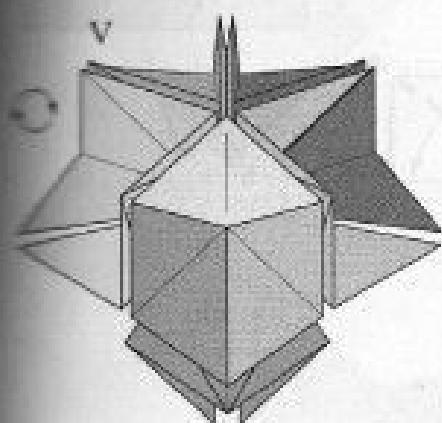
Unit finished.
Use two opposite points as pocket
and two as tabs.

Assembly of the units

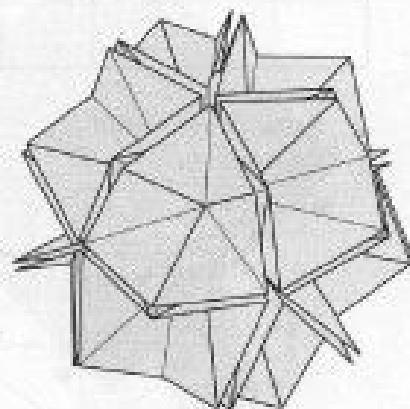




Three units assembled.
Pay attention to use always
the same tabs and pockets
and to not hold the paper
squashed instep #11.



Continue to
add units making
rings of 5 groups
of 3 units.

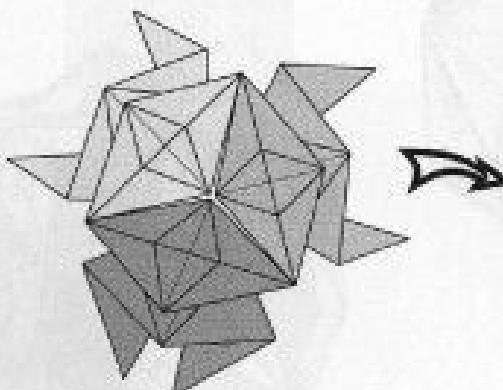
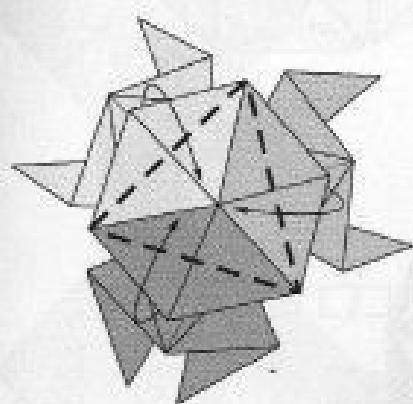
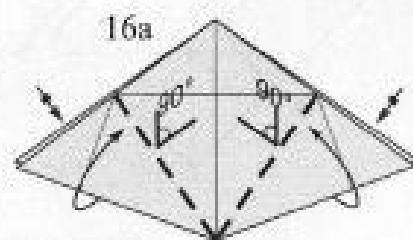
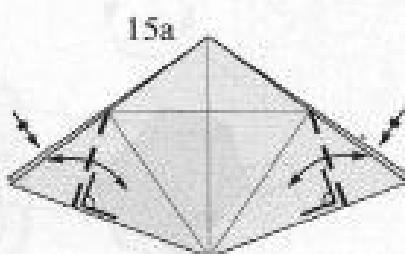
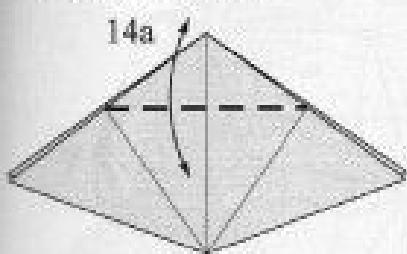


Reference polyhedron:
icosahedron

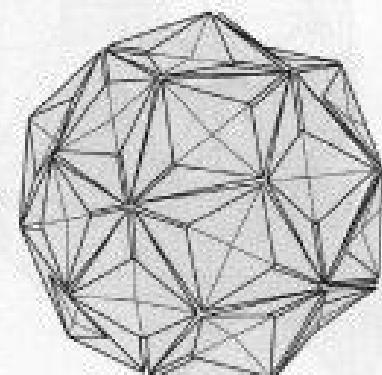
**Stella dell'Avvento open
finished**

Closed variation

Start from step #13

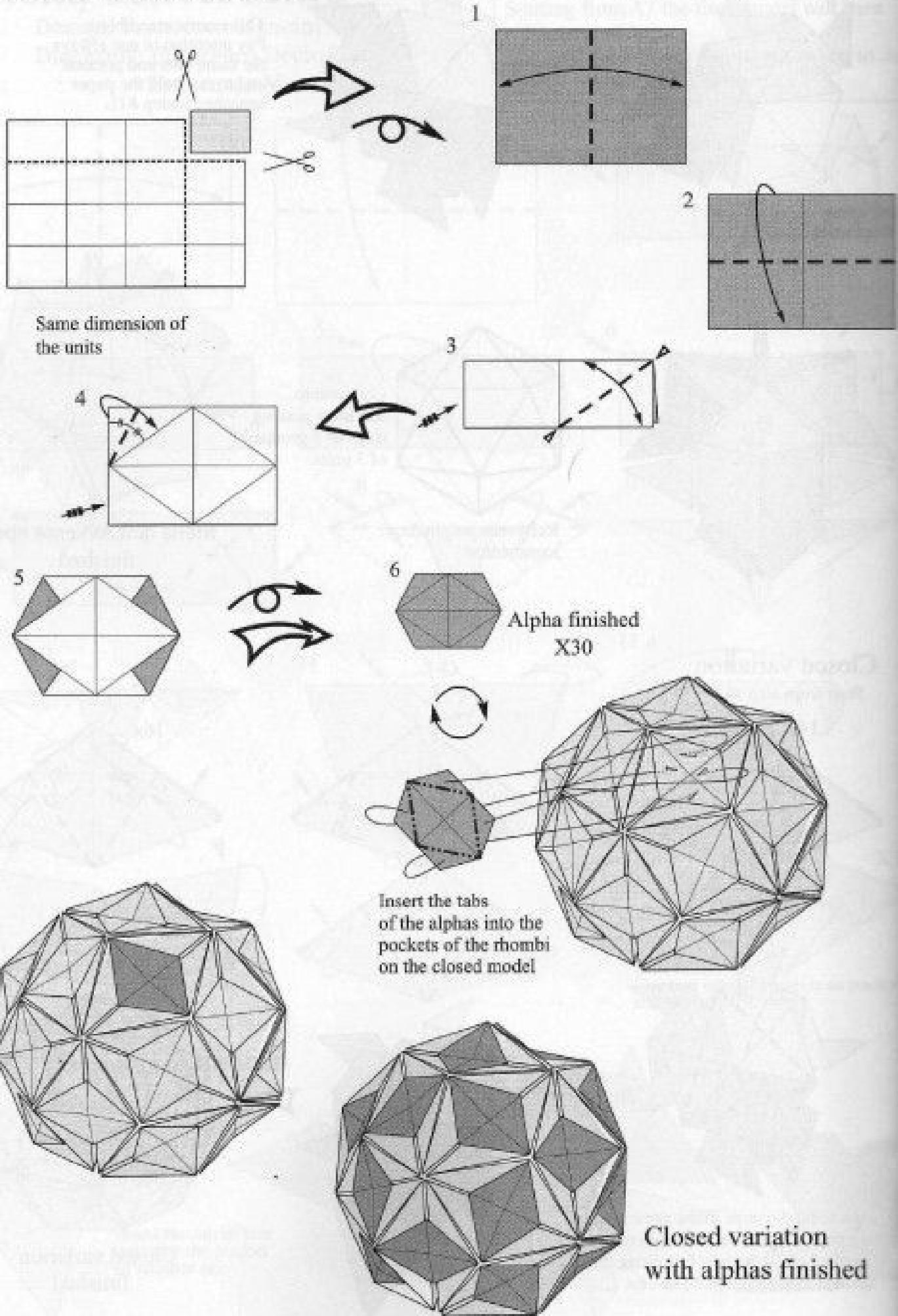


Assemble the units in the same way of
the open model. Once the assembly is
finished close the tabs following the
creases made in steps #14a-16a.



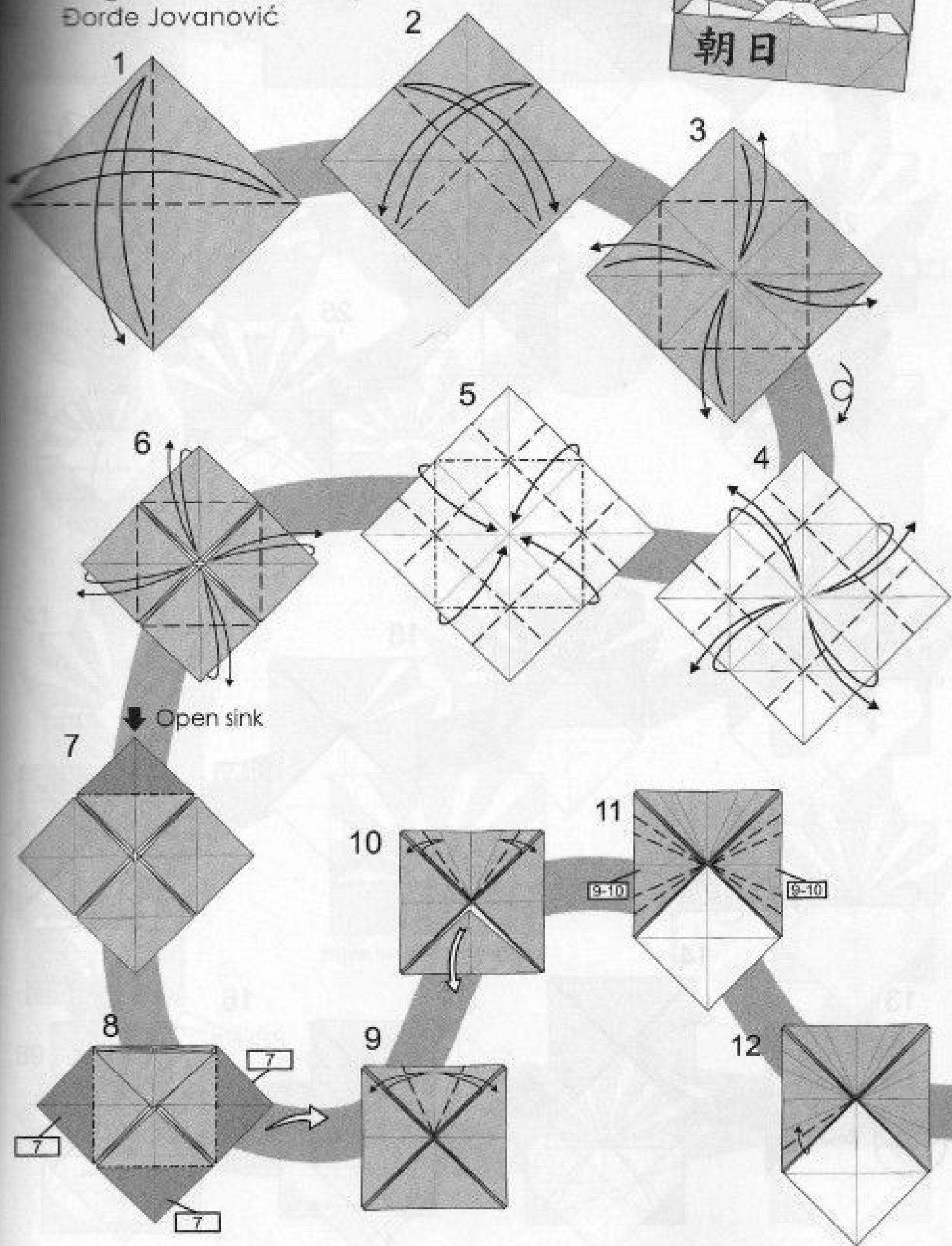
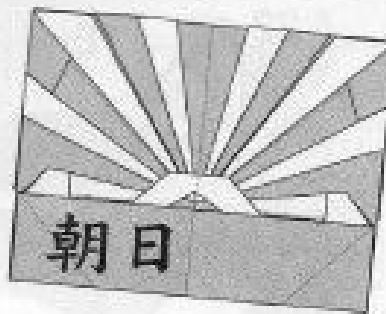
**Closed variation
finished**

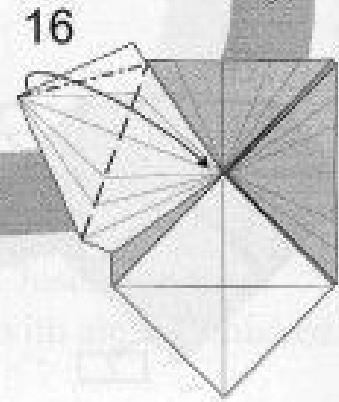
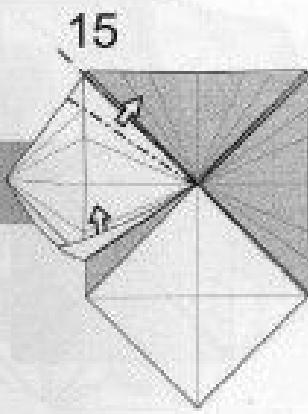
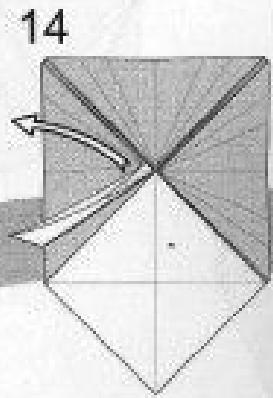
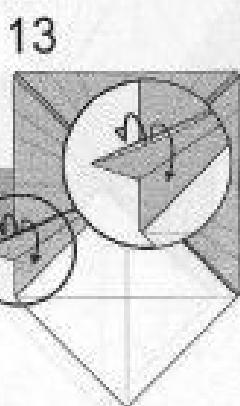
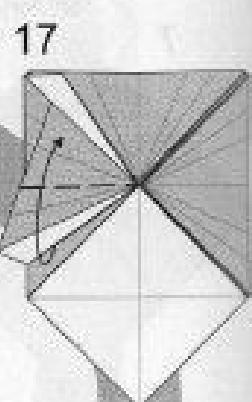
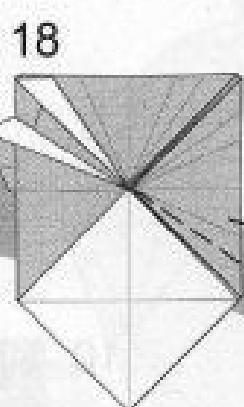
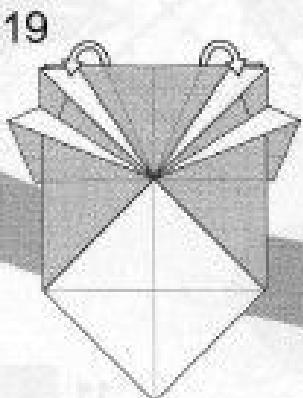
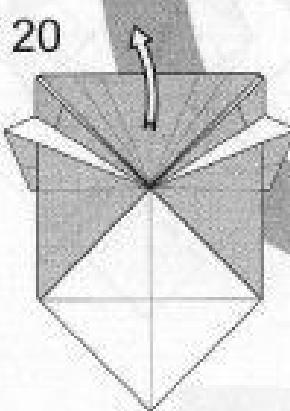
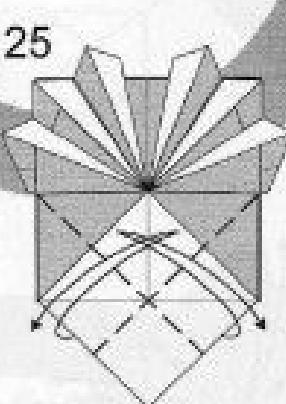
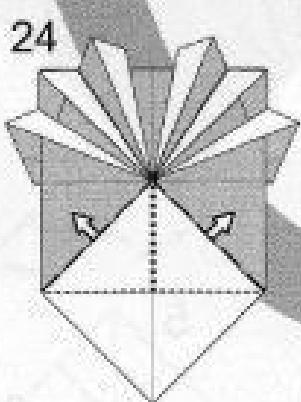
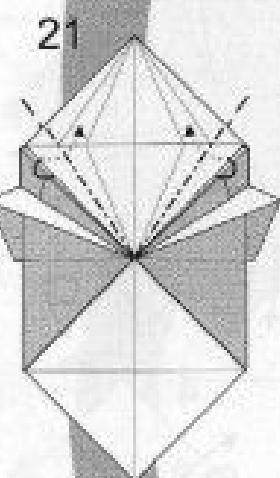
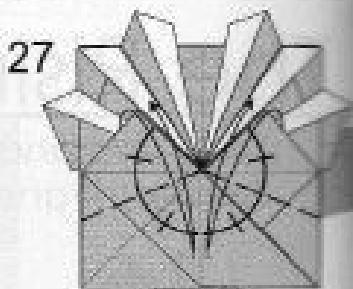
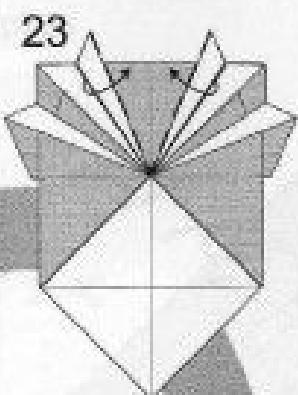
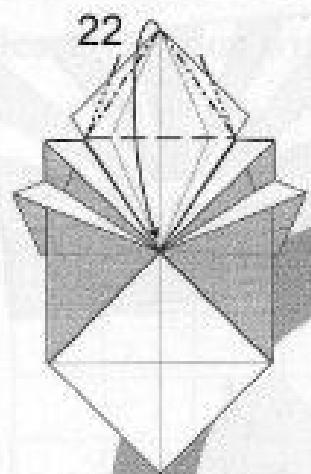
Closed variation with alphas

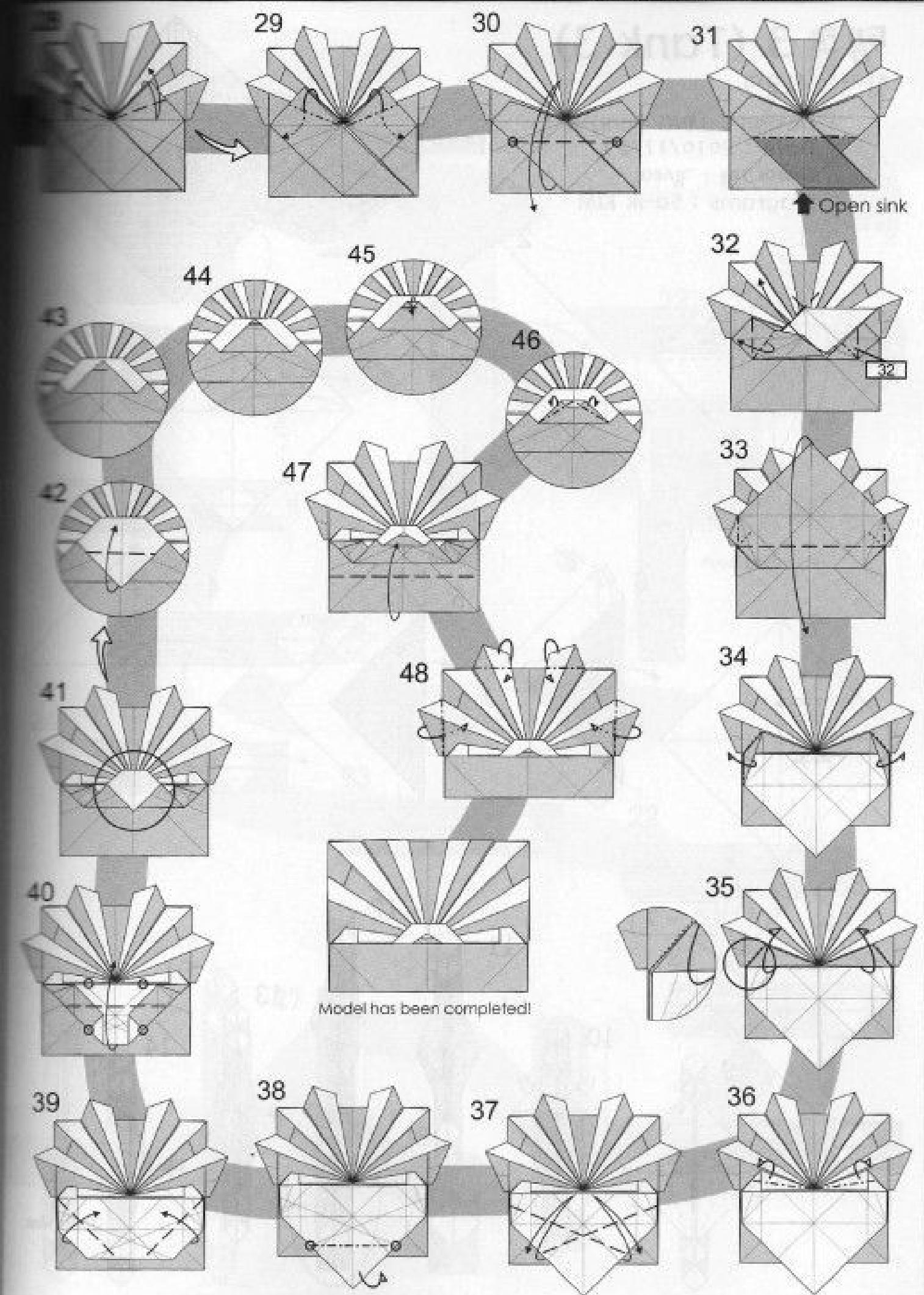


The Rising Sun

Diagrams and model by
Đorđe Jovanović







탱크 3 (Tank 3)

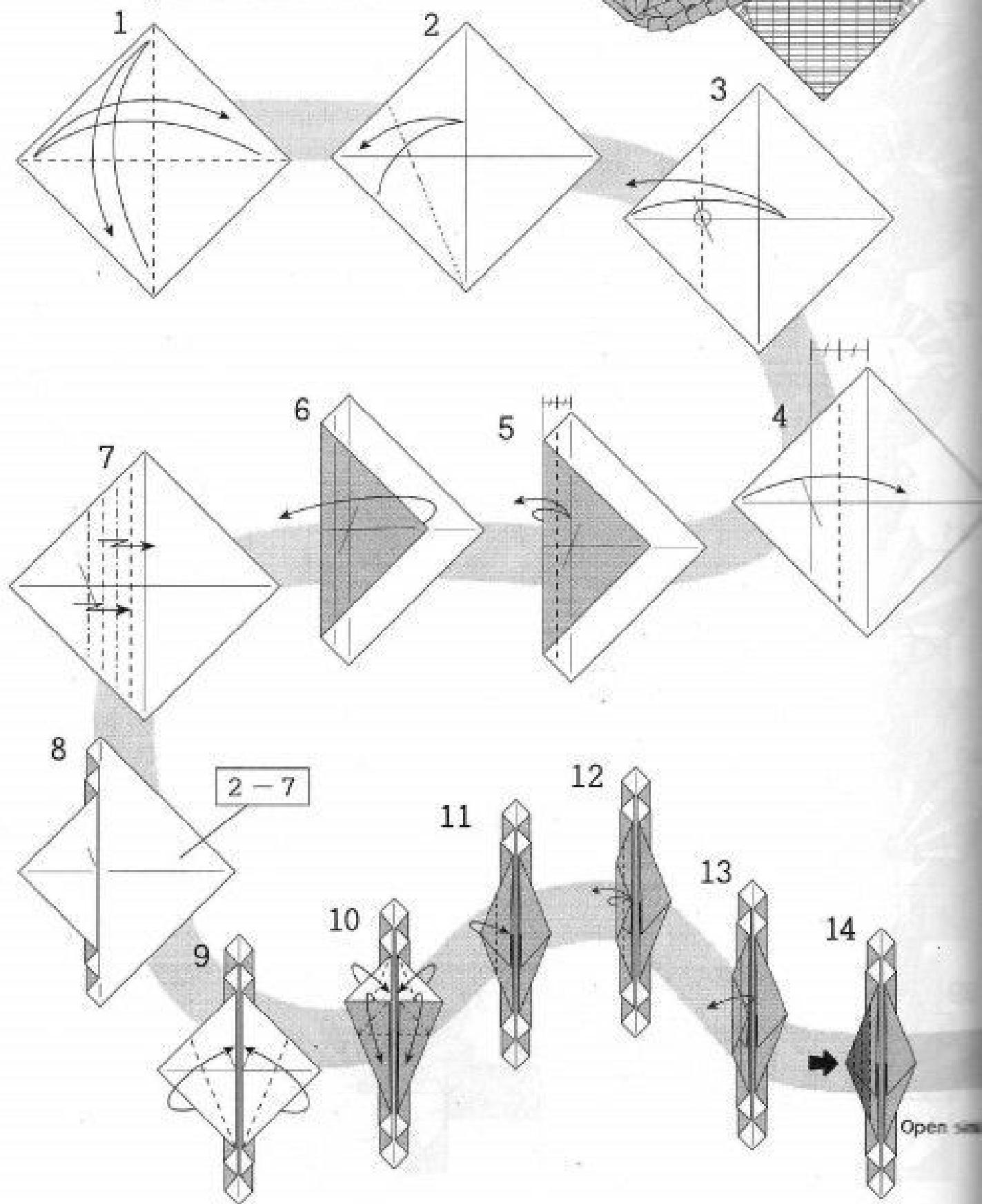
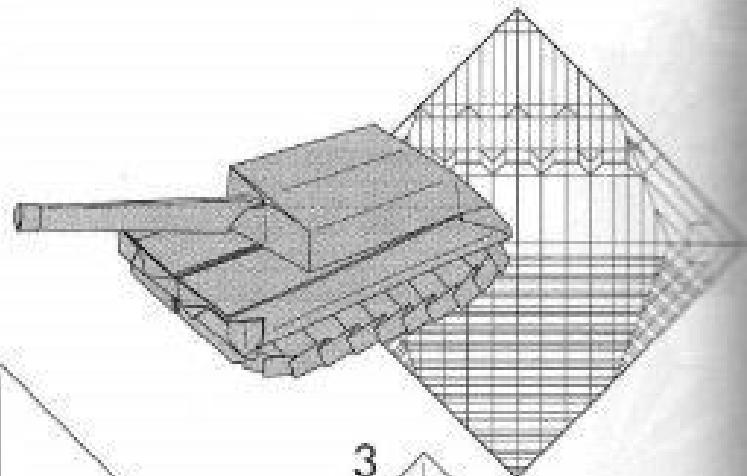
창작 : 장용익

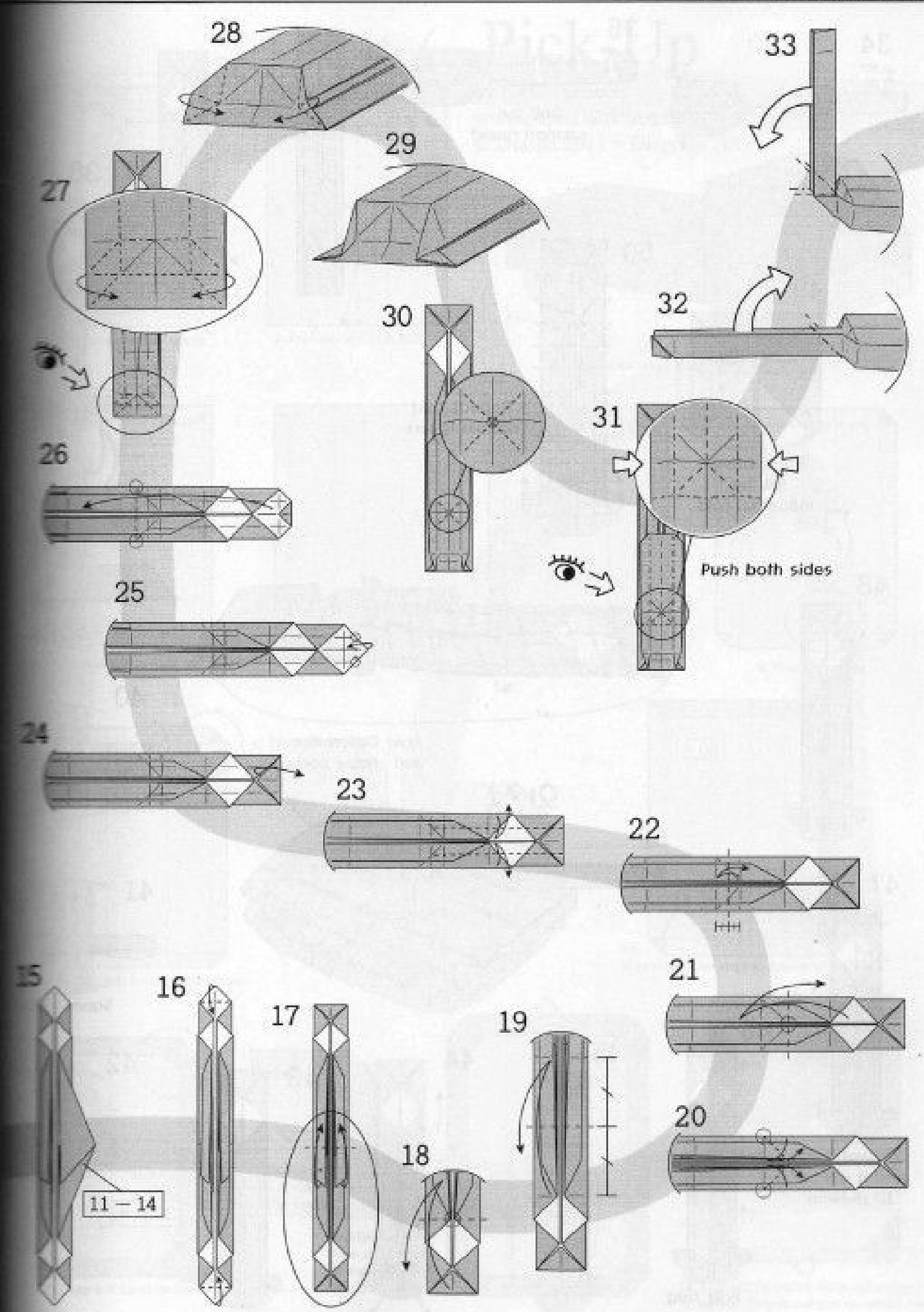
Design : JANG yong-ik

Date : 2010/11/27

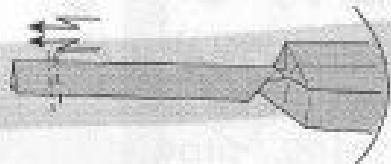
도아이어그램 : 김세익

Diagrams : Se-ik KIM





34



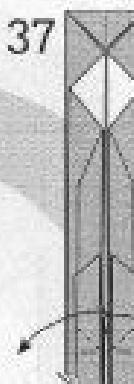
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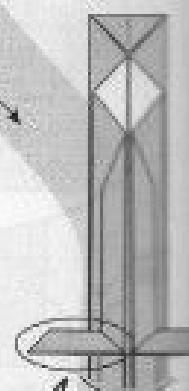
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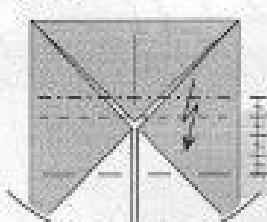
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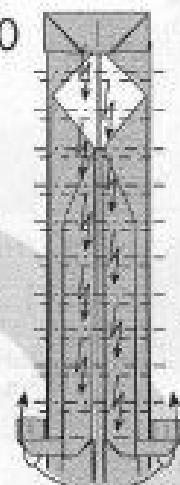
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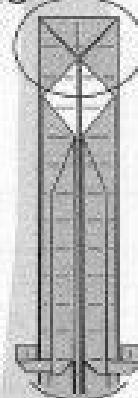
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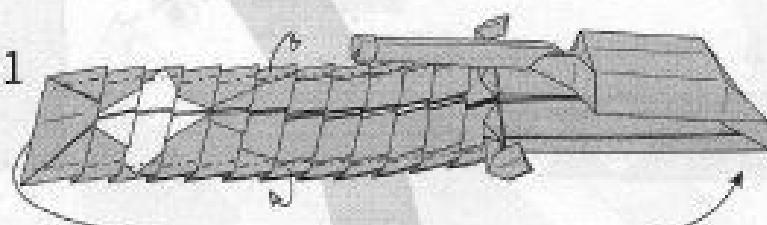
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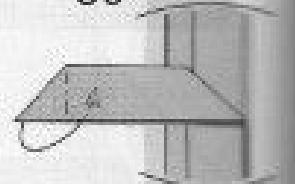
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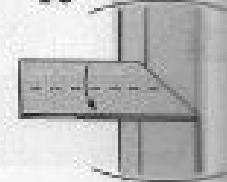
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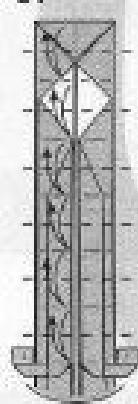
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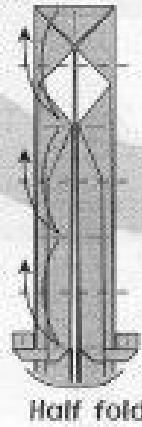
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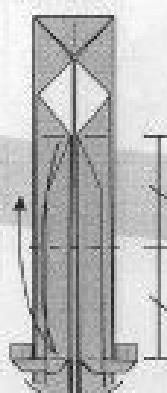
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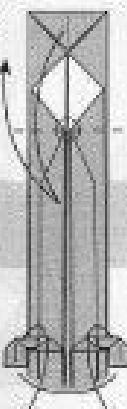
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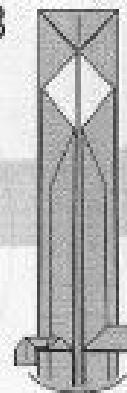
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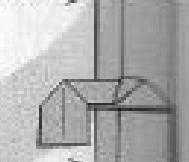
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43

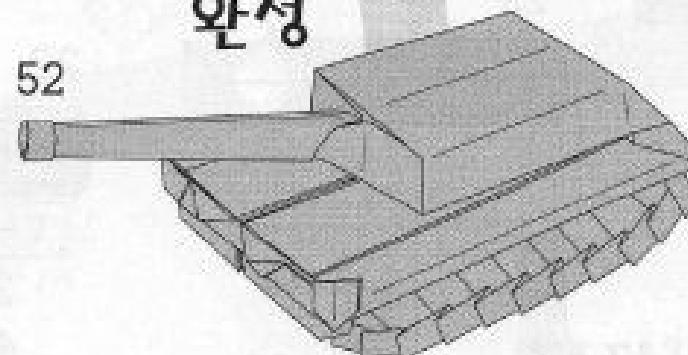


42



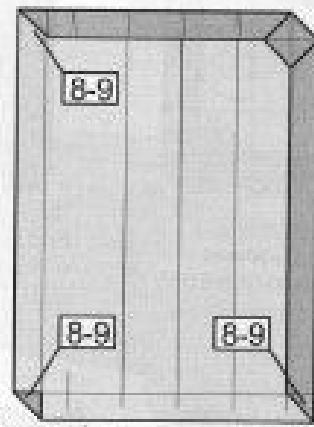
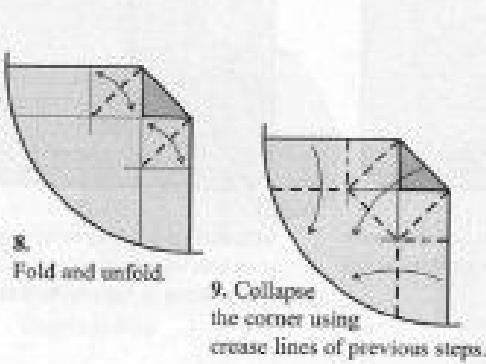
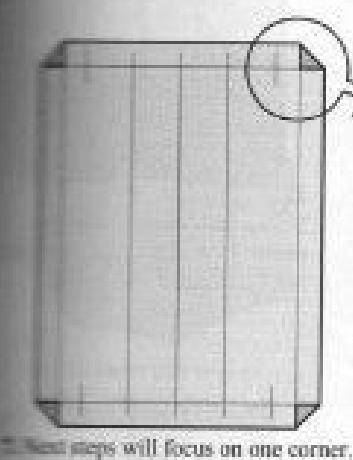
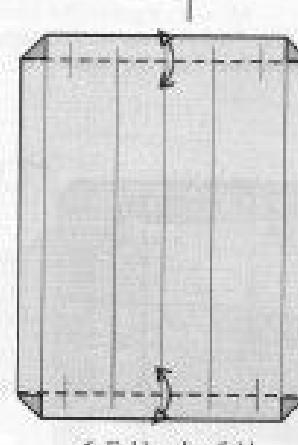
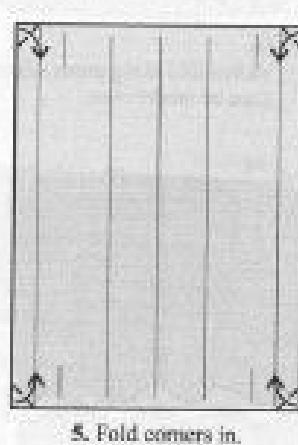
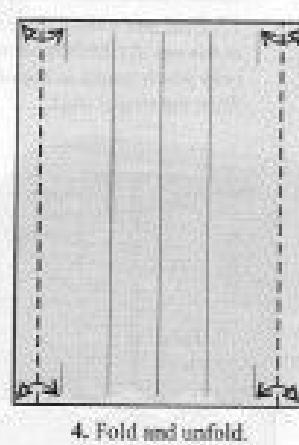
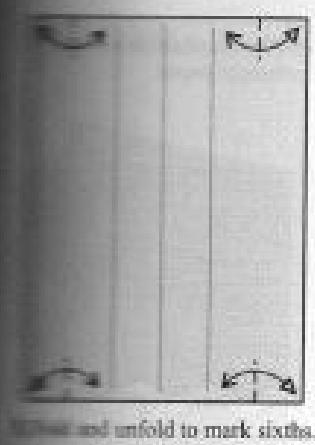
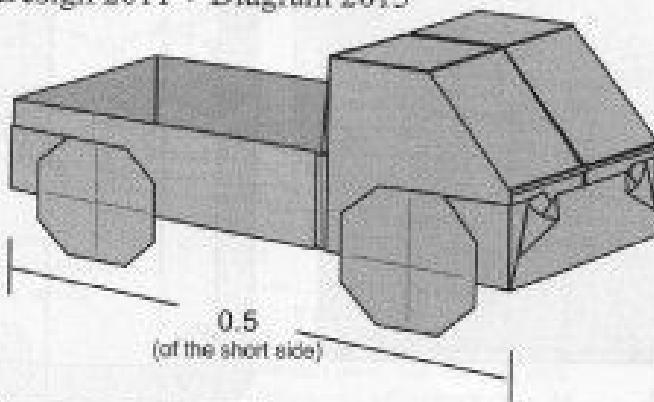
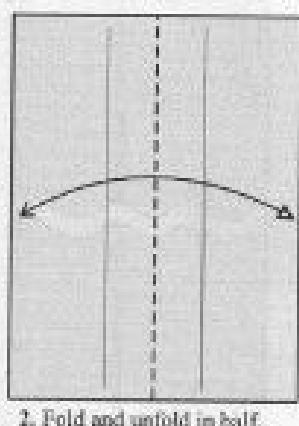
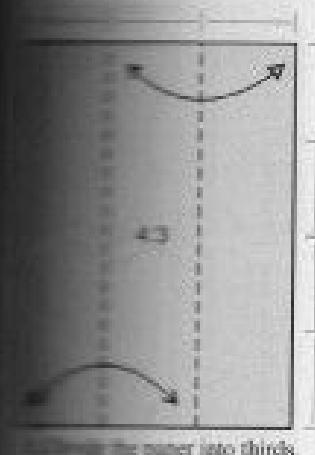
완성

52



Pick-Up

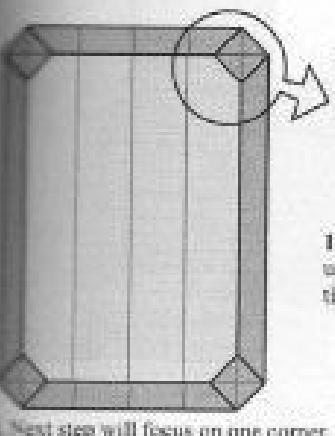
by Stefan Delecat
www.papierfaltkunst.de
 © Design 2011 + Diagram 2013



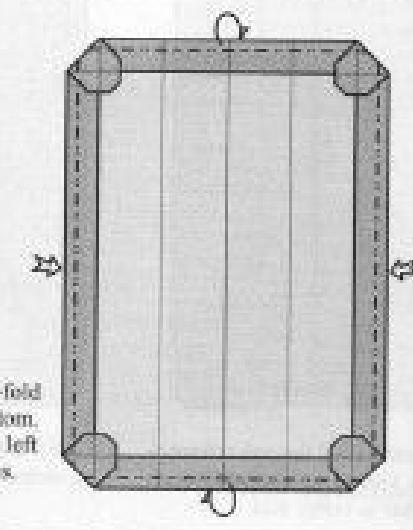
Next steps will focus on one corner.

9. Collapse the corner using crease lines of previous steps.

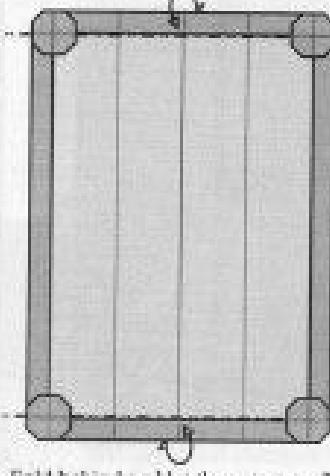
10. Repeat previous steps at remaining corners.



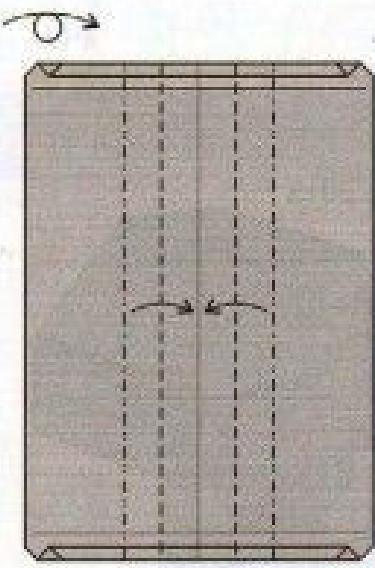
11. Fold and unfold. Sink two tips of the square.



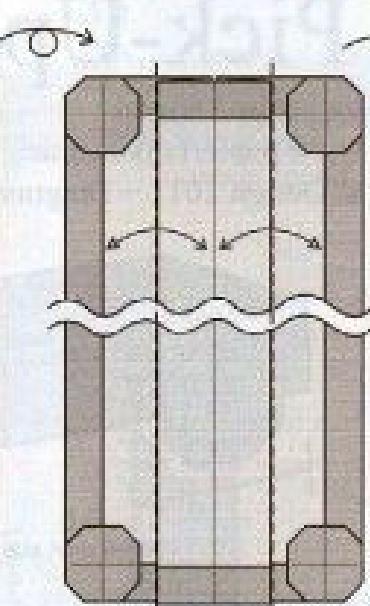
13. Mountain-fold at top and bottom. Open-sink the left and right edges.



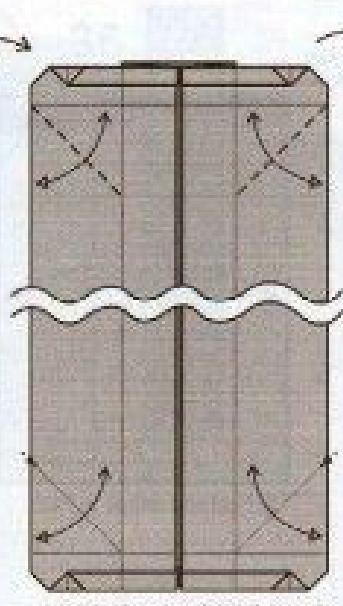
14. Fold behind and let the octagons flip around. Unfold and turn the model over.



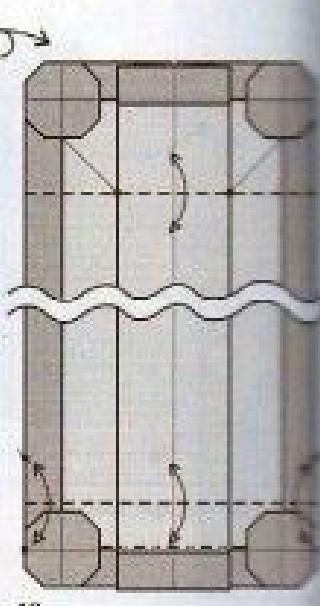
15.
Pleat-fold: Fold existing creases onto the center line. Turn the model over.



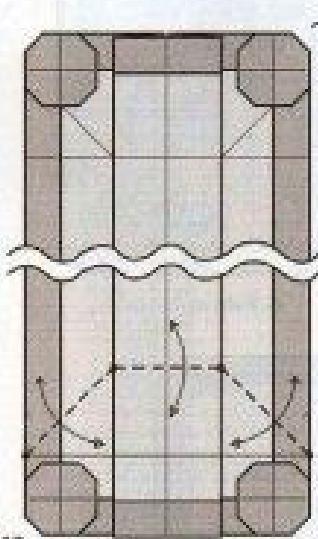
16.
Valley-fold along paper edges. Turn the model over.



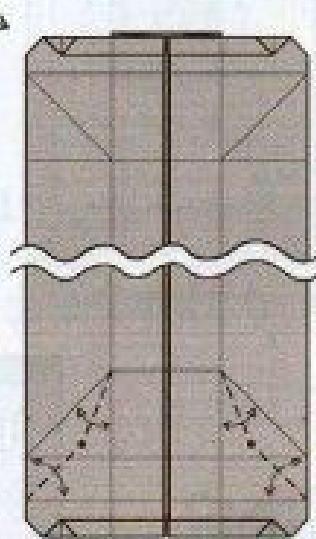
17.
Fold and unfold diagonals at the top. At the bottom make only pinch marks at the edges. Turn the model over.



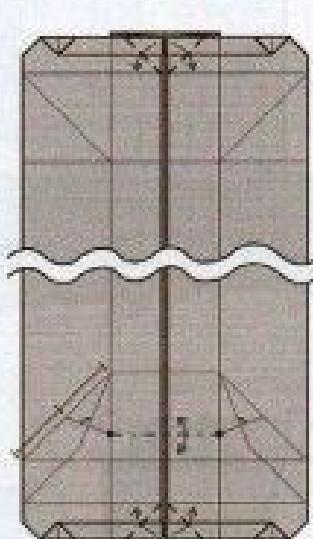
18.
Fold and unfold using the green reference points.



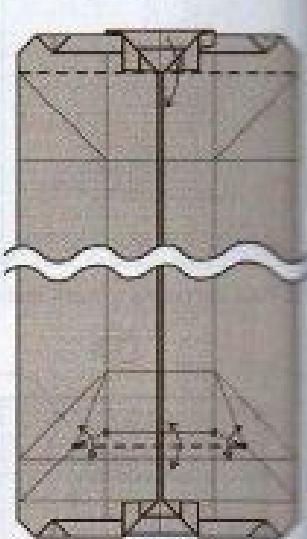
19.
Use the crease from previous step as reference to fold first diagonals and then the connecting crease line. Turn the model over.



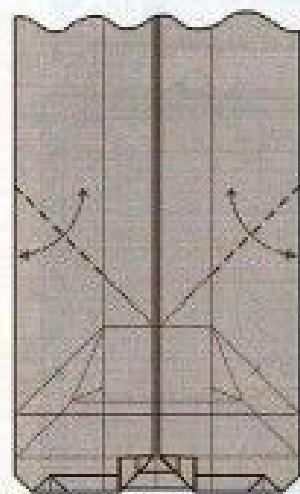
20.
Fold angle bisectors and diagonals so that both end up meeting at one point.



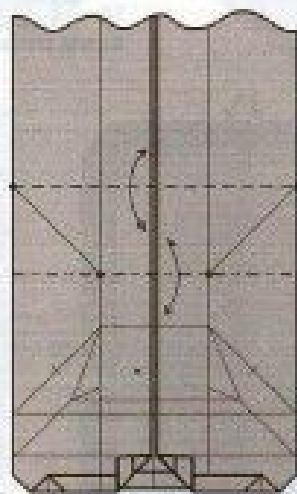
21.
Mountain-fold using reference points as shown. Valley-fold all four corners at top and bottom.



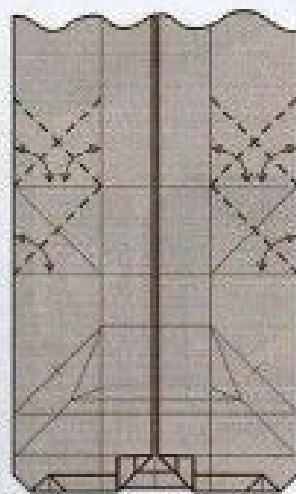
22.
Valley-fold between reference points. Fold upper edge down and let the octagons flip around.



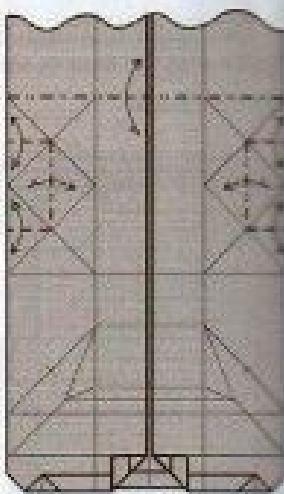
23.
Fold diagonals but crease only on left and right parts of the model.



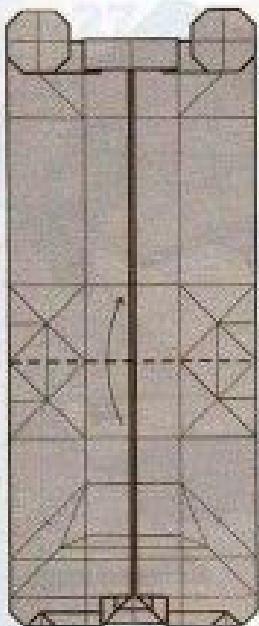
24.
Fold and unfold through reference points. One as mountain fold and the other as valley fold.



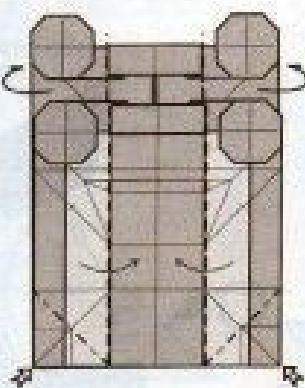
25.
Fold and unfold three diagonals on each side.



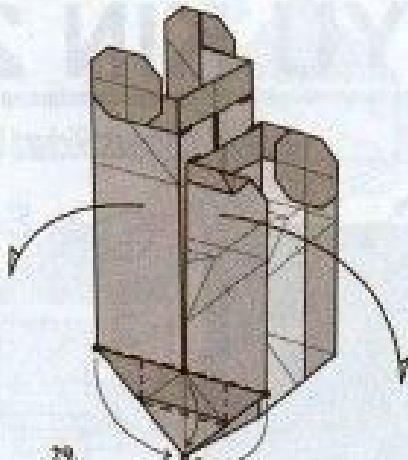
26. Fold and unfold.



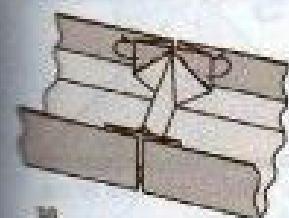
27.
Fold the model in half along existing crease.



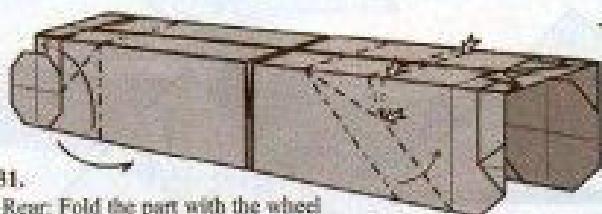
28.
Fold the top side flaps upward
and the lower side flaps downward
by squashing the triangles on both
sides at the same time.



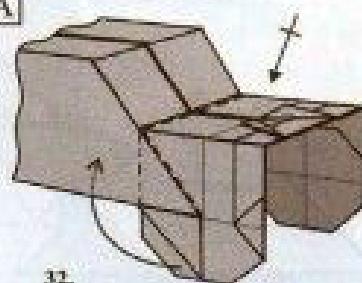
29.
Result of step 28. Fold the upper
part of the triangles downward.
All black circles will meet the
reference point. The two long parts
of the model will swing back to the
left and right.



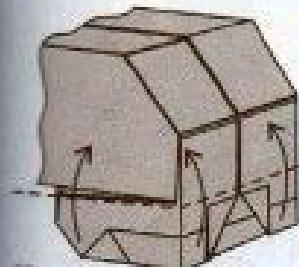
30.
View from below. Lock
the part by folding all four
corners behind.



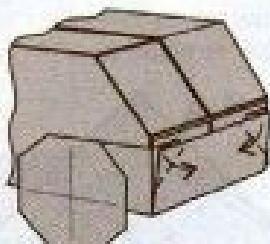
31.
Rear: Fold the part with the wheel
down and tuck the flaps underneath to lock.
Front: Push the whole part inside along existing creases.



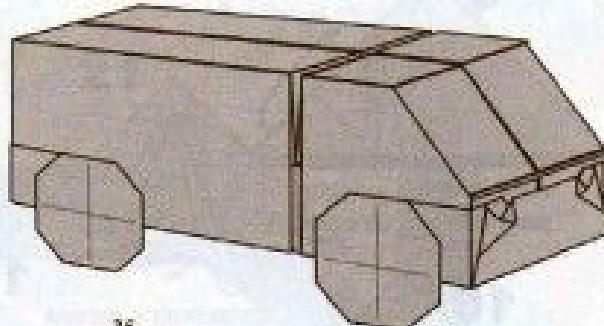
32.
Swing the front part underneath.



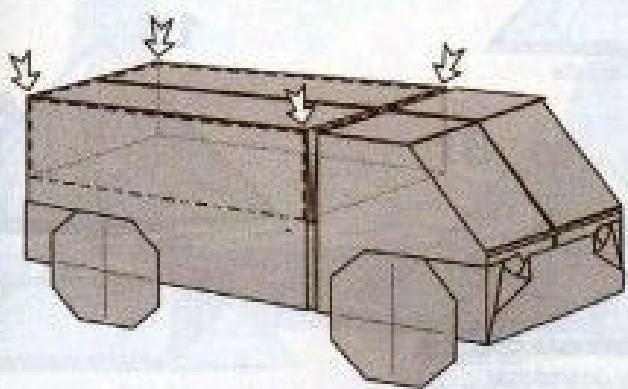
33.
Wrap the lower part around.
Let the wheels flip around.



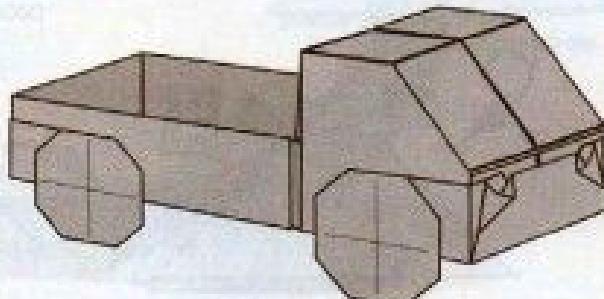
34.
Swivel-fold to form front-lights.
Repeat behind.



35.
Finished truck. Next steps show alternative
folds to get a Pick-Up.



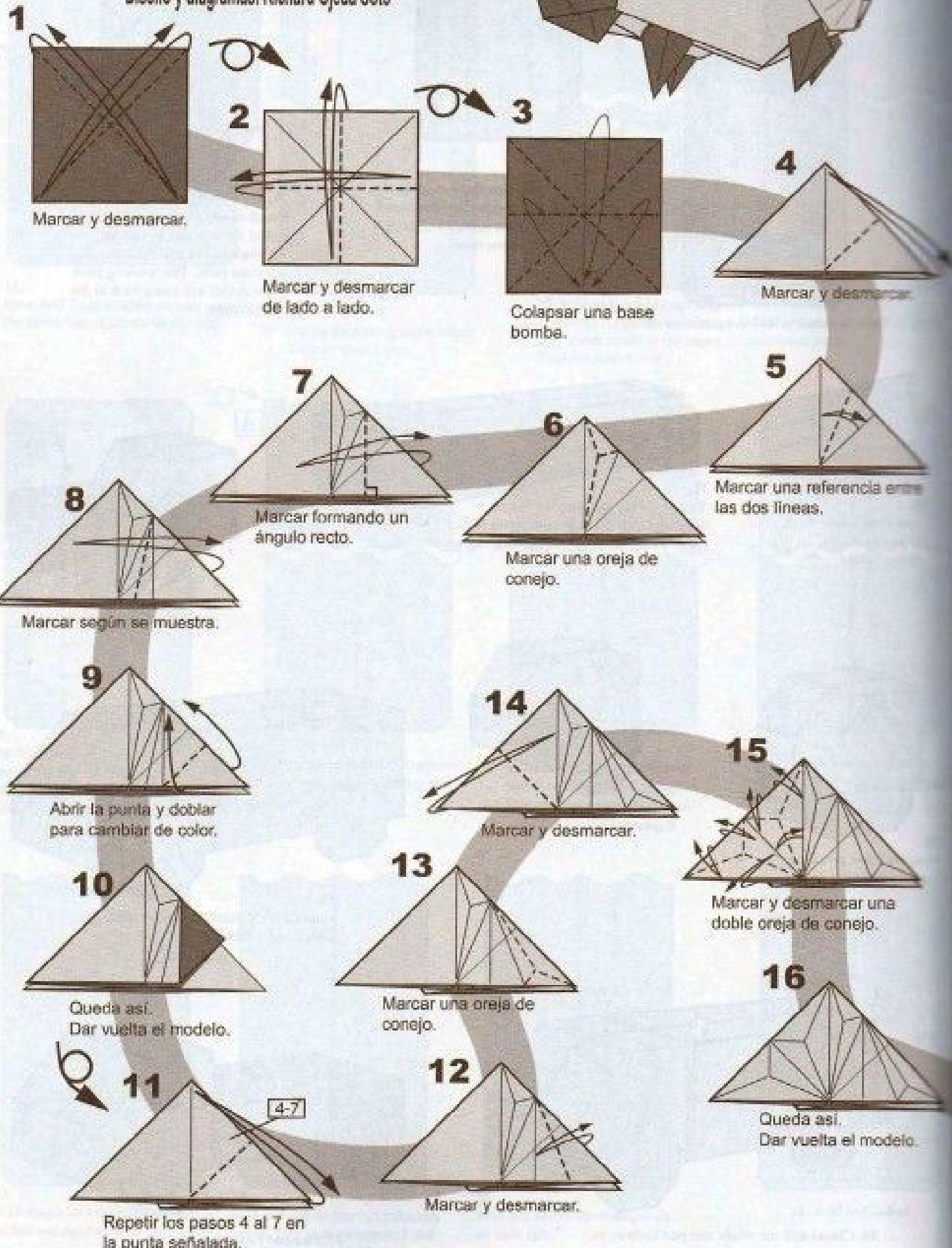
36. Closed-sink the whole rear part halfway in.



37. Finished Pick-Up model.

RYU KIN 2.1

Diseño y diagramas: Richard Ojeda Soto

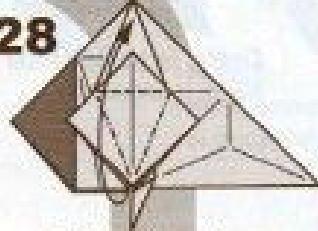


27

Doblar formando una base preliminar.

34

Liberar el papel para cambiar de color.

26**28**

Doblar formando una base de pájaro.

33

Doblar según se muestra.

25

Llevar las solapas a la derecha.

29

Queda así.
Dar vuelta el modelo.

32

Doblar formando un ángulo recto.

24

Repetir el paso 22 en este lado.

23

Queda así.
Llevar la solapa a la izquierda.

22

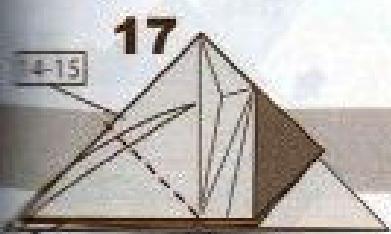
Doblar hacia adentro.
Empujar formando una oreja de conejo.

21

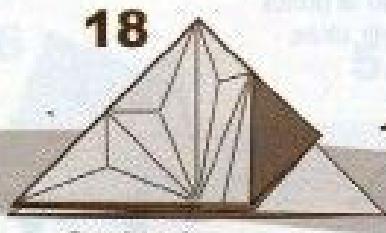
Marcar y desmarcar.
Pasar la punta por medio de la solapa.

20

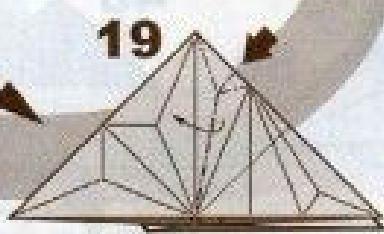
Doblar según se muestra.

17

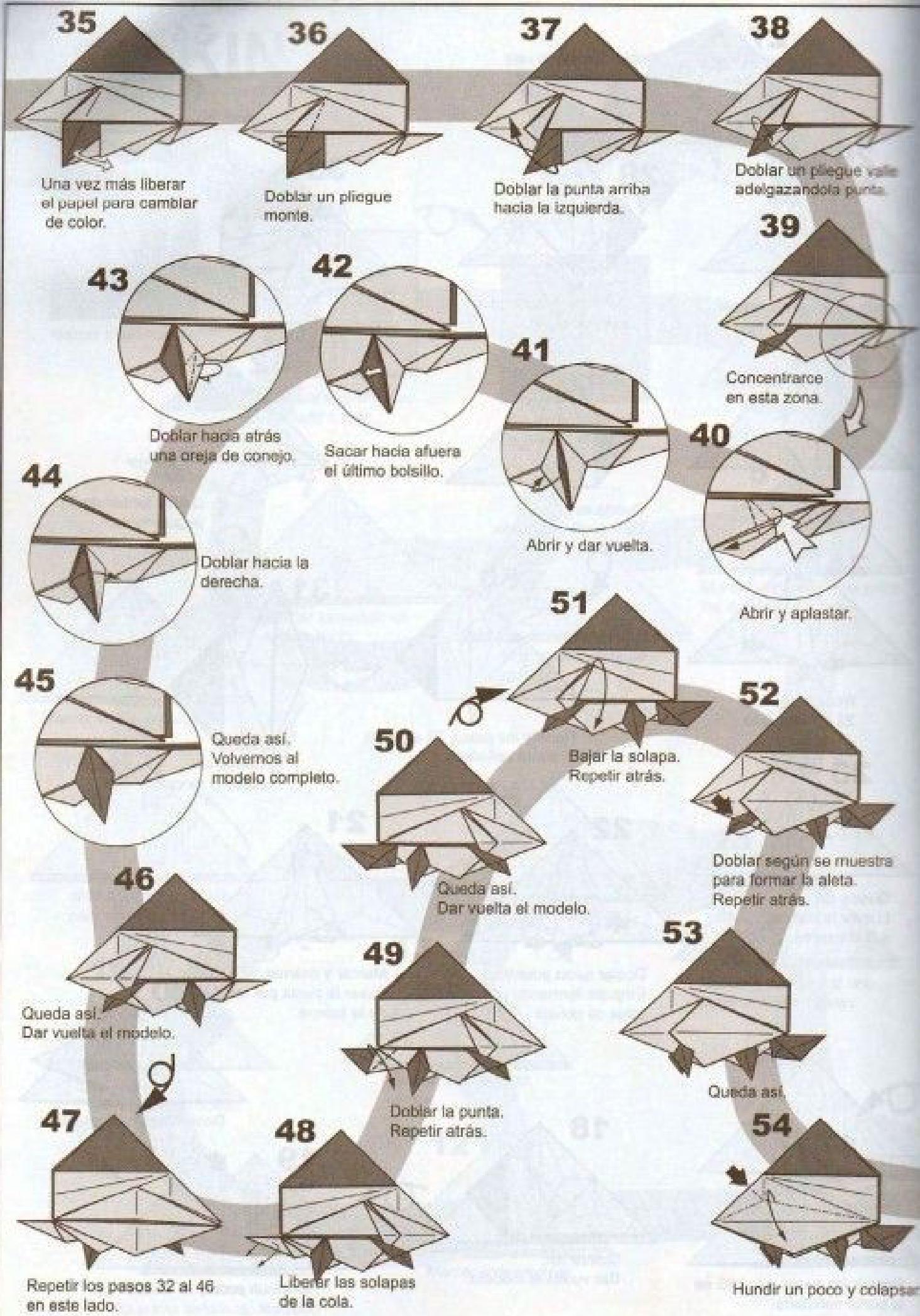
Repetir los pasos 14 al 15 en la punta señalada.

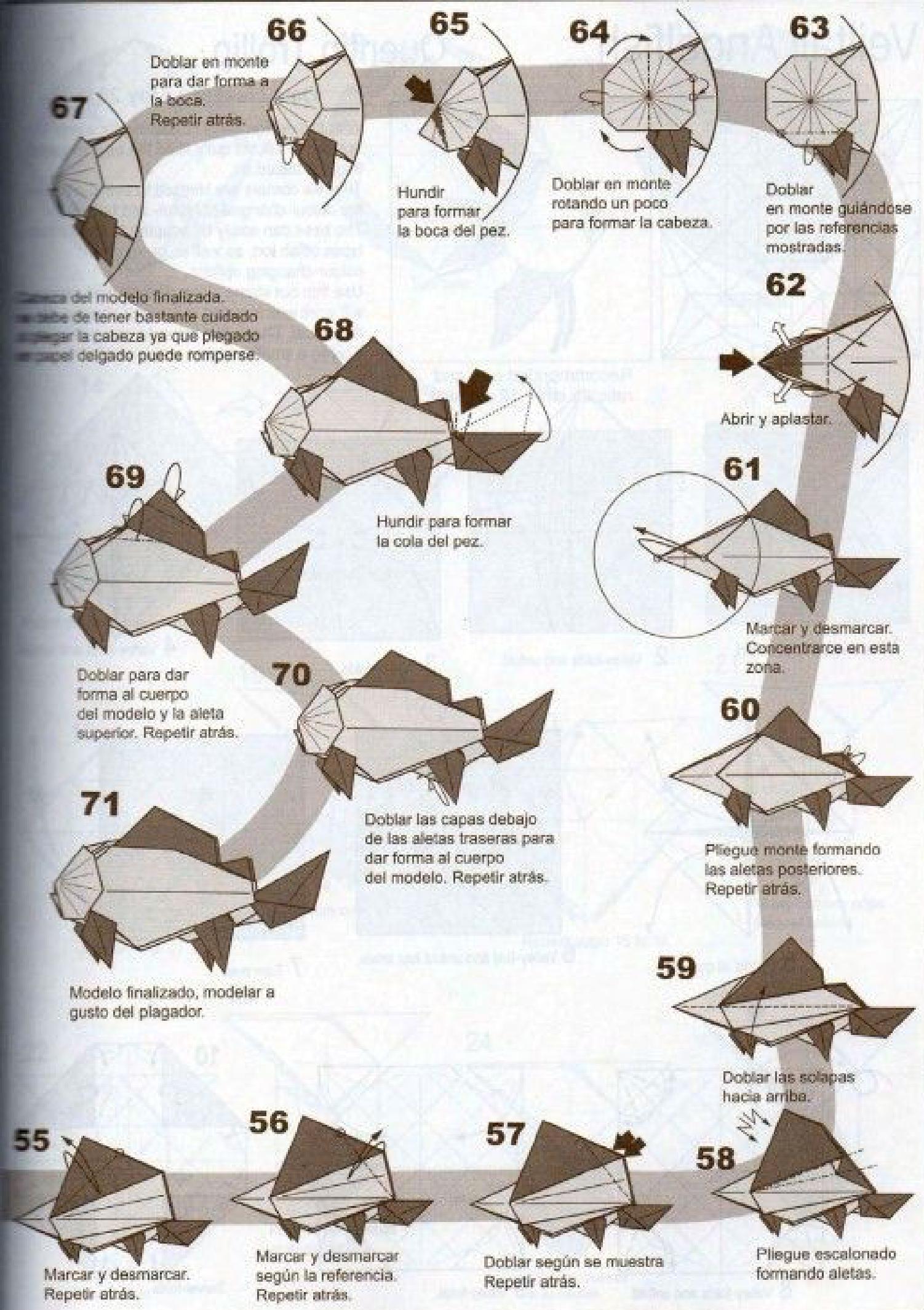
18

Queda así.
Dar vuelta el modelo.

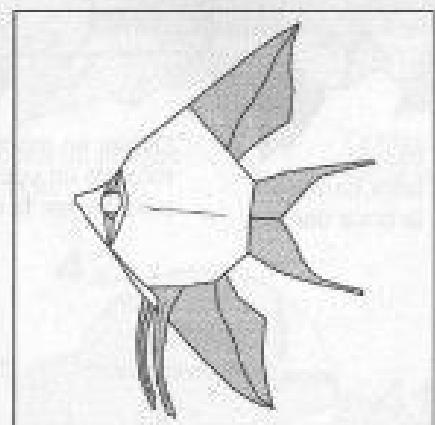
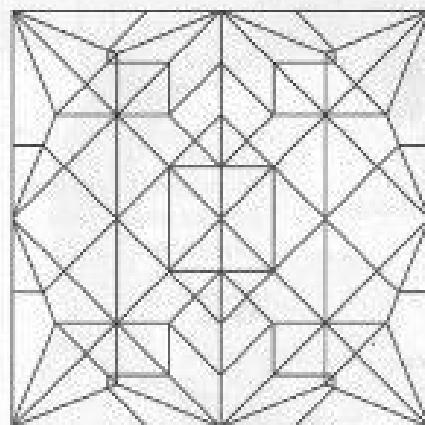
19

Hundir un poco y colapsar.

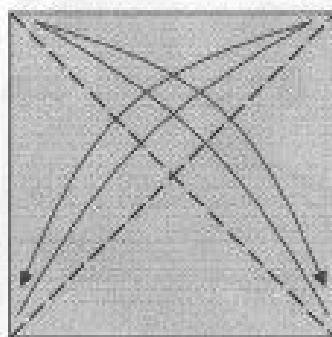




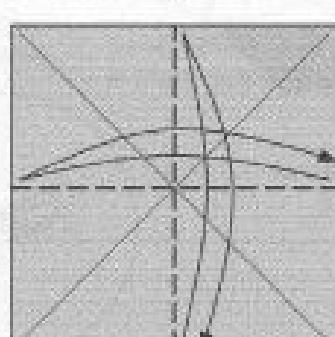
Veiltail Angelfish



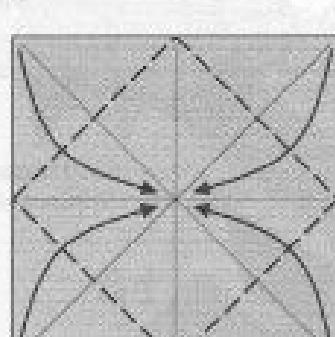
Recommended size and
ratio: 25 cm = 12 cm high.



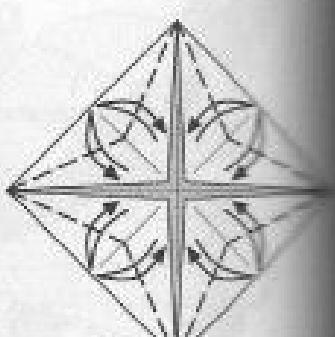
1 Valley-folds and unfold.



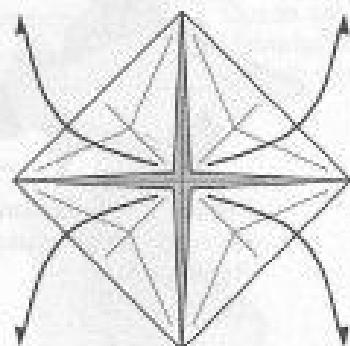
2 Valley-folds and unfold.



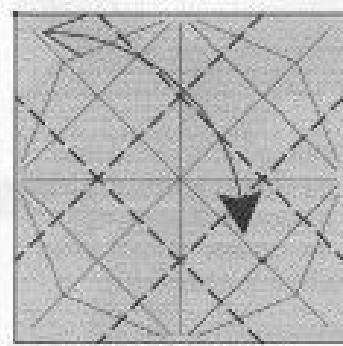
3 Valley-folds.



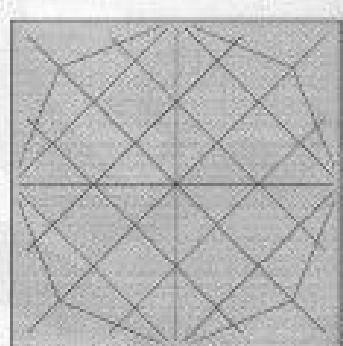
4 Valley-folds and unfold.



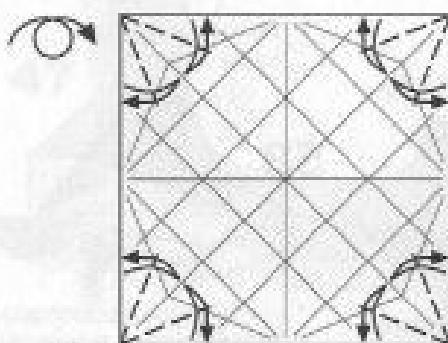
5 Unfold all corners.



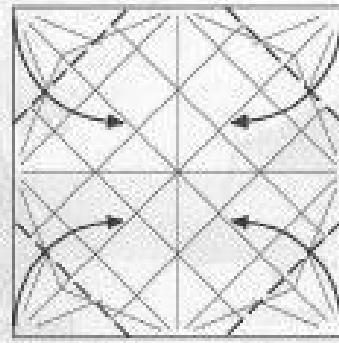
6 Valley-fold and unfold four times.



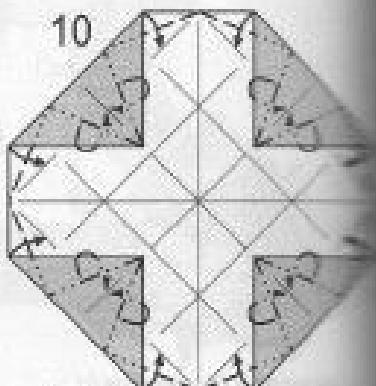
7 Turn over.



8 Valley-folds and unfold.



9 Valley-folds.



10 Swivel-folds.

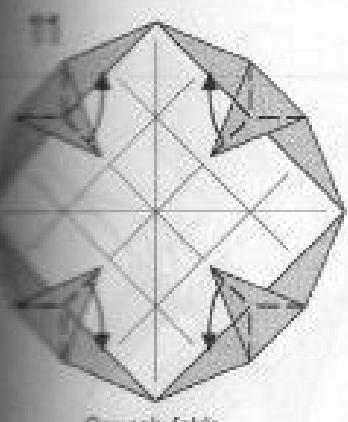
Quentin Trollip

Date created: 8 May 2015

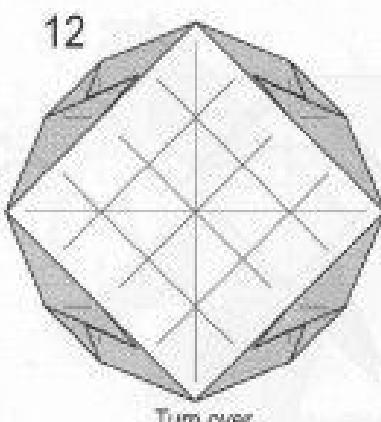
With this design I was not aiming for a very realistic result, but quite liked the easy geometry that it is based on.

The raw corners are blunted to eventually form the colour-changed pectoral- and tail fins. The base can easily be adapted to make other types of fish too, as well as giving other colour-changing options.

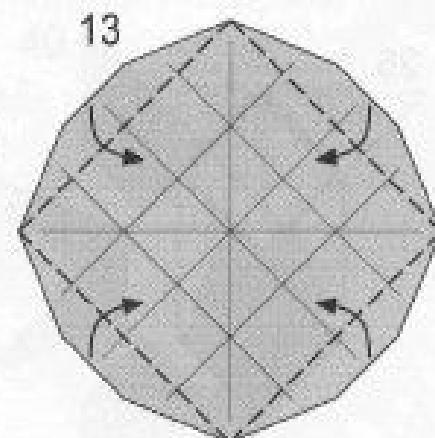
Use thin but strong paper. Foil-backed paper will work well in aiding in the final shaping of the model. Shaping of the eyes can get fine if using a smaller square, so be careful.



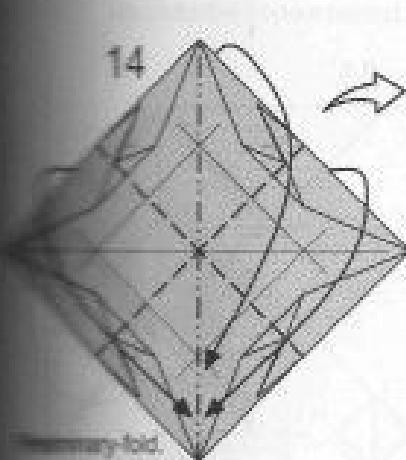
Squash-folds.



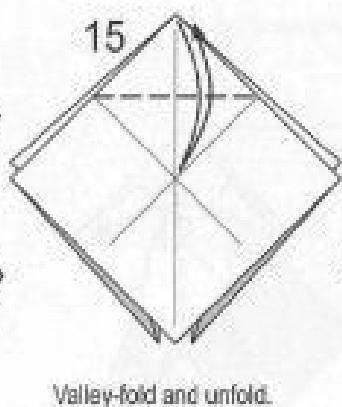
Turn over.



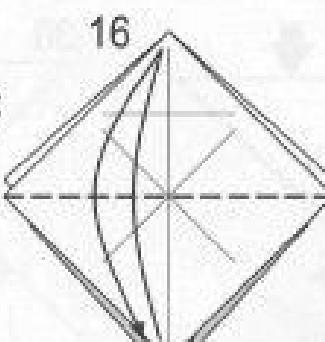
Valley-folds.



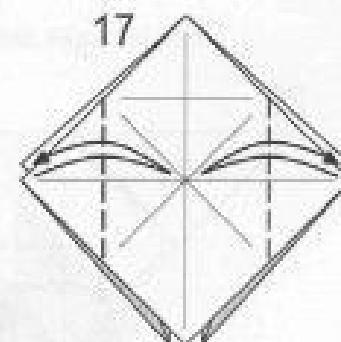
Valley-fold.



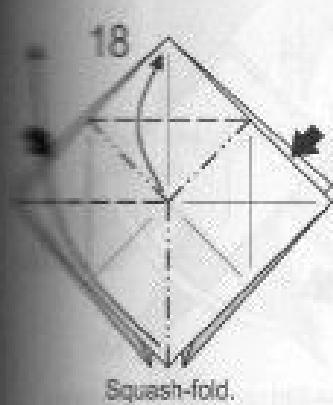
Valley-fold and unfold.



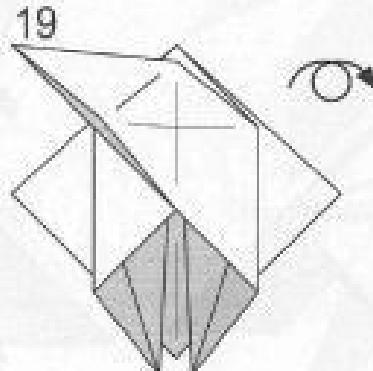
Valley-fold and unfold.



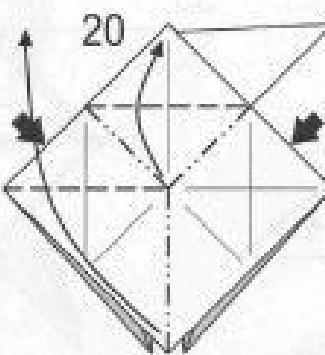
Valley-folds and unfold.



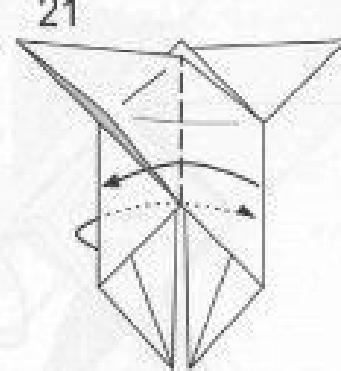
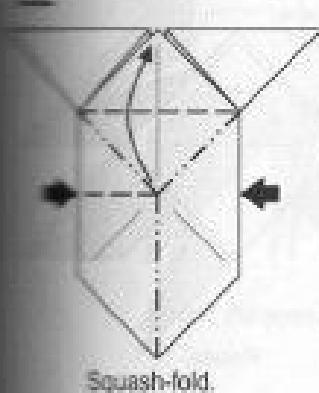
Squash-fold.



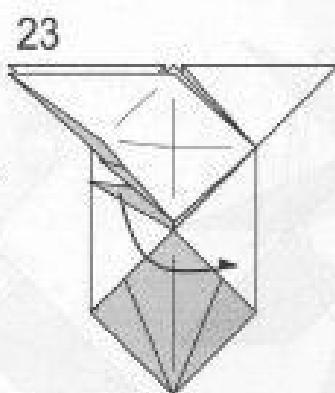
Turn over.



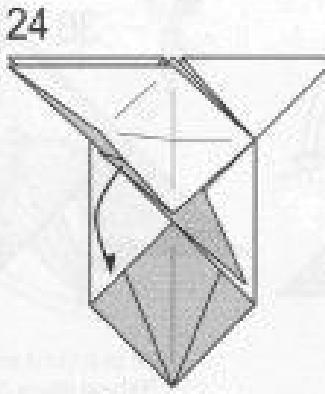
Repeat steps 16 to 18.

Valley-fold one edge.
Repeat behind.

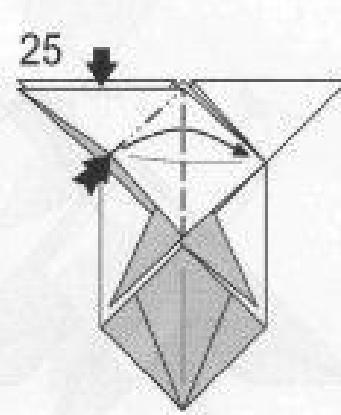
Squash-fold.



Pull out the point as far as possible.

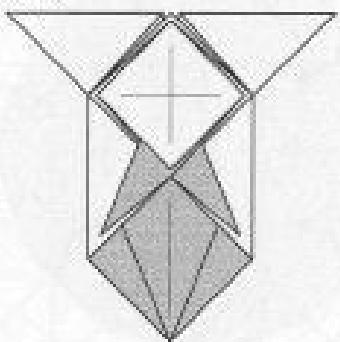


Pull out the point as far as possible.



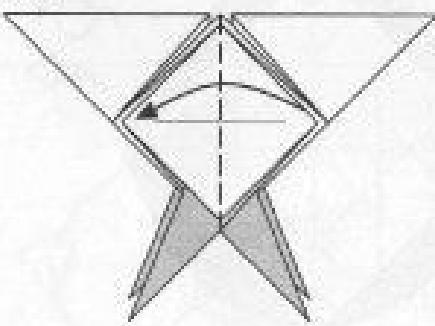
Squash-fold.

26



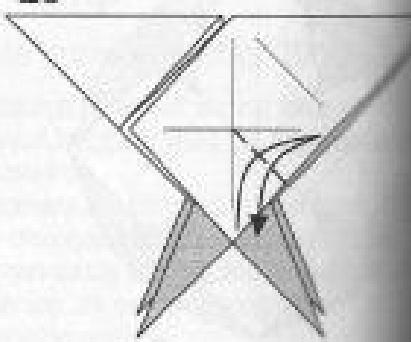
Repeat steps 22 to 25 behind.

27



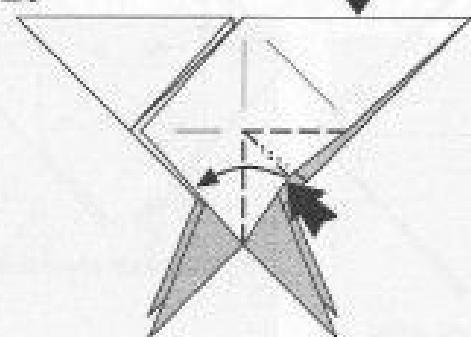
Valley-fold two layers.

28



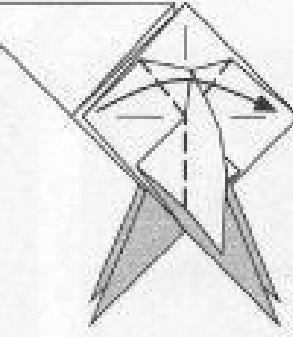
Valley-fold and unfold.

29



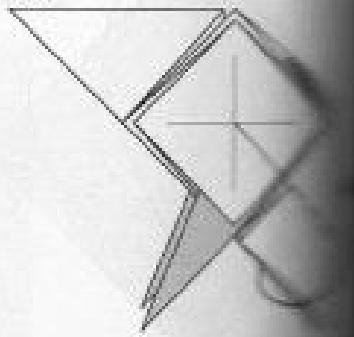
Squash-fold. The model won't lie flat.

30



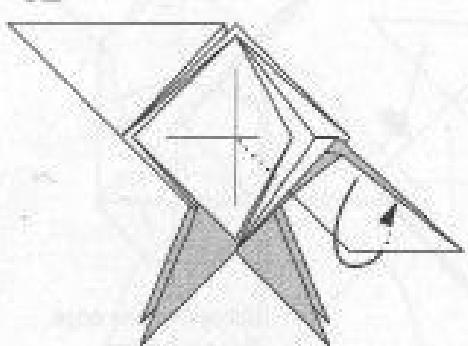
Flatten.

31



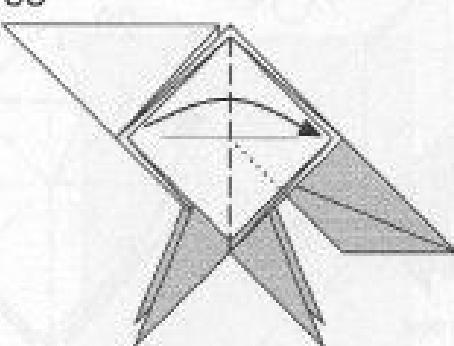
Valley-fold.

32



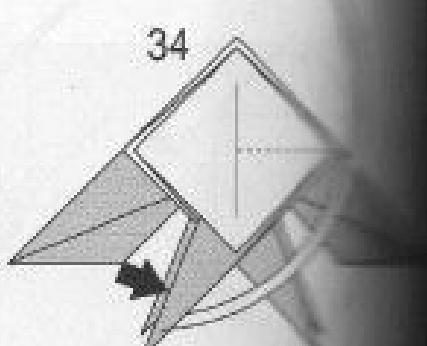
Wrap around to colour-change.

33



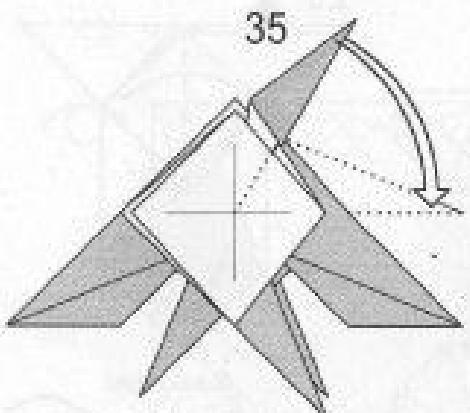
Repeat steps 27 to 32 on the left.

34



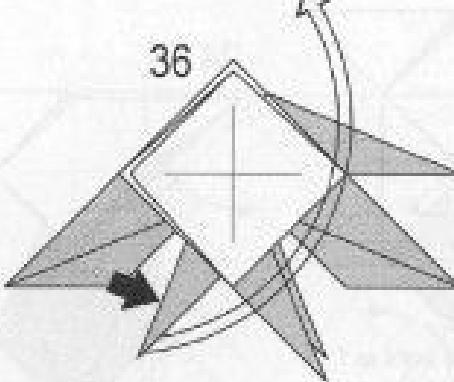
Reverse-fold up as far as possible.

35



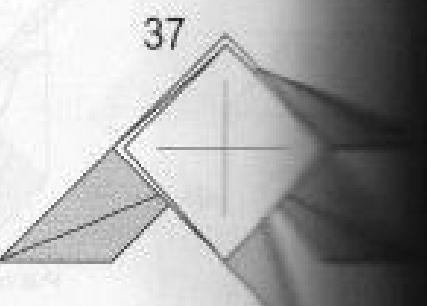
Pull the point down to horizontal.

36

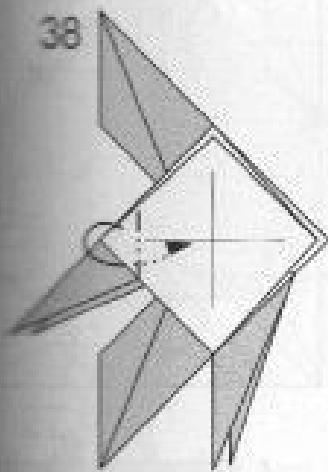


Repeat steps 34 to 35 behind.

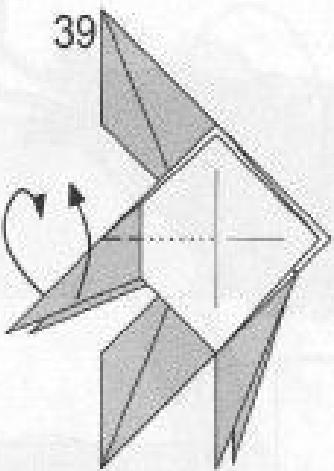
37



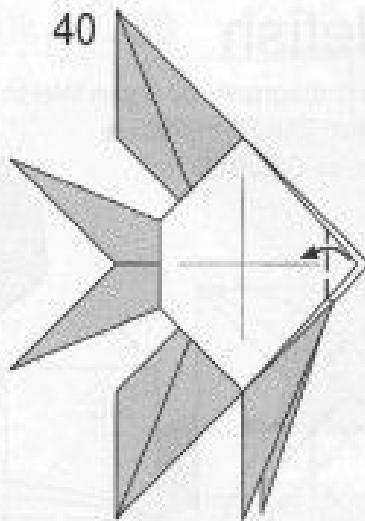
Rotate.



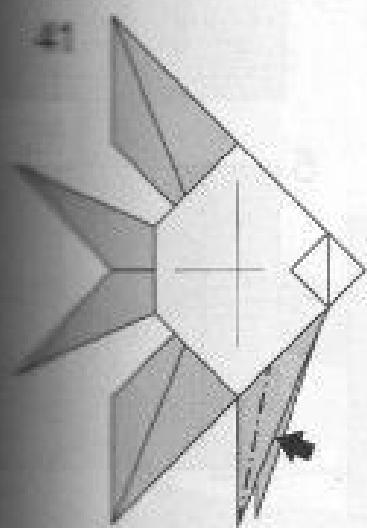
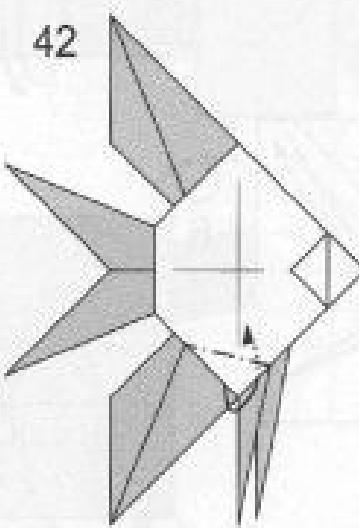
Mountain-fold. Repeat behind.



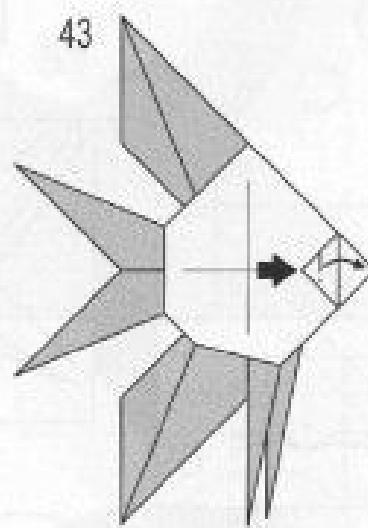
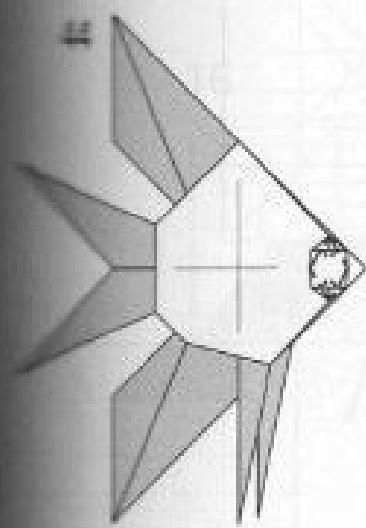
Outside reverse-fold.



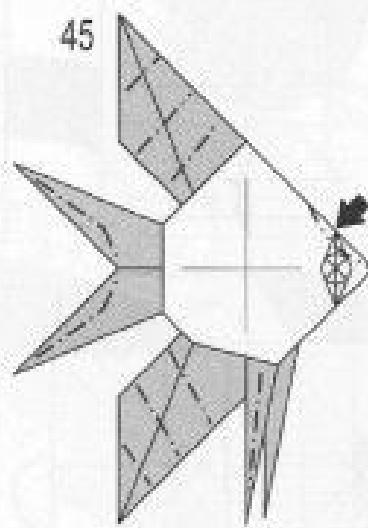
Valley-fold. Repeat behind.

Cross-sink or reverse-fold.
(Optional).

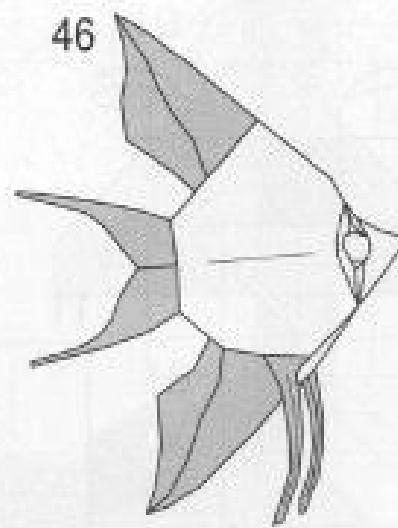
Mountain-fold. Repeat behind.

Squash-fold.
Repeat behind.

Round the eyes.



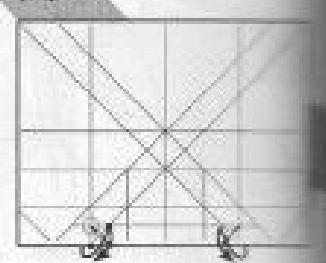
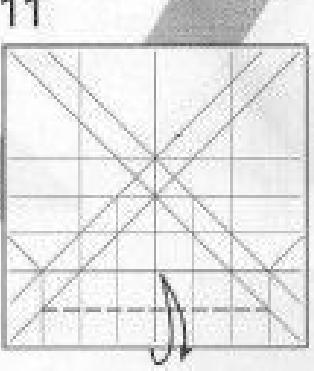
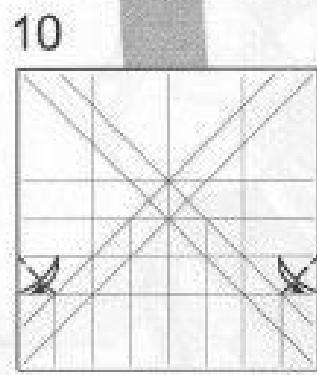
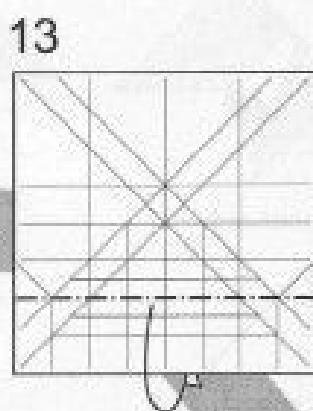
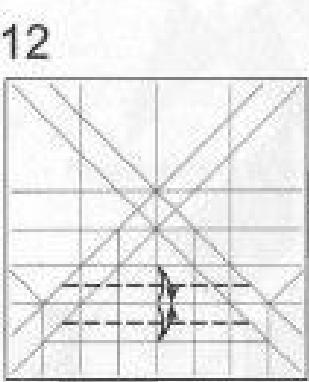
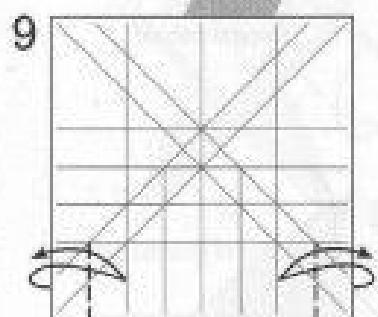
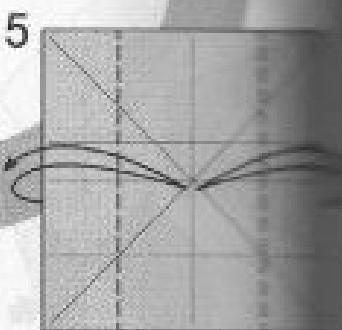
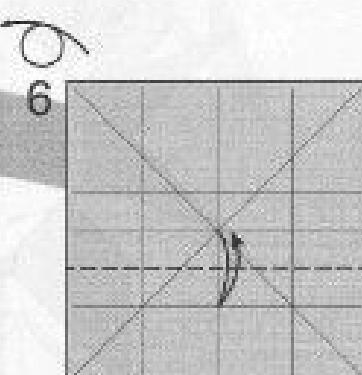
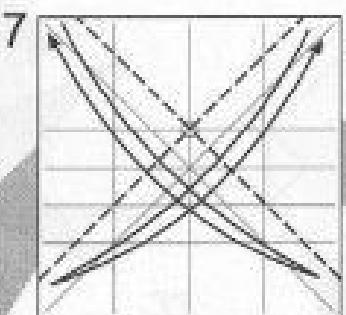
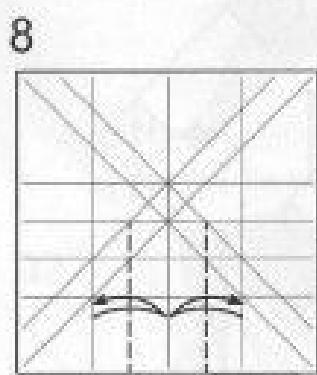
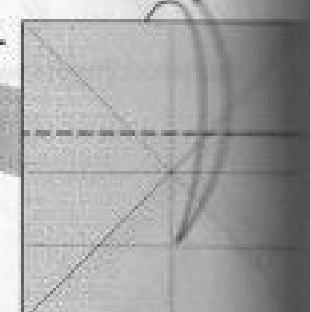
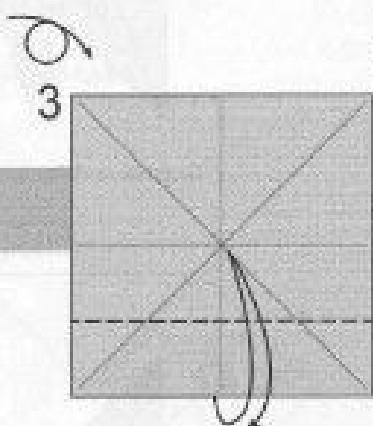
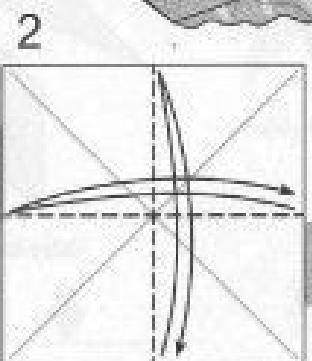
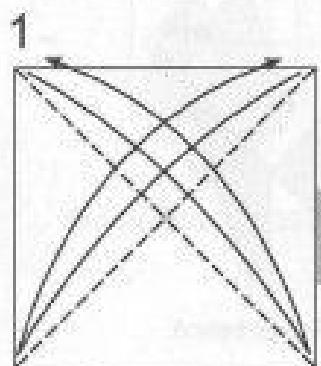
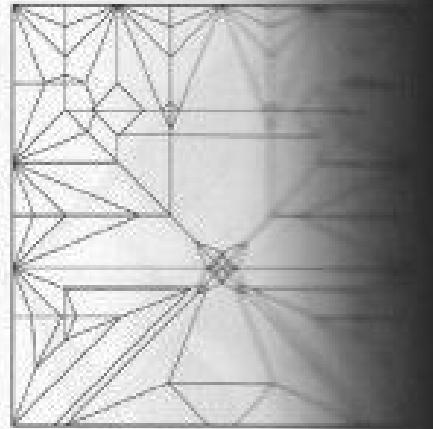
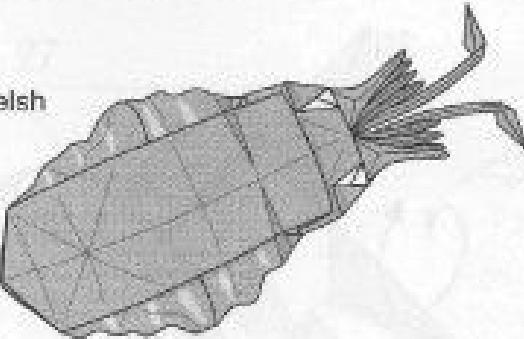
Shape the body and fins.

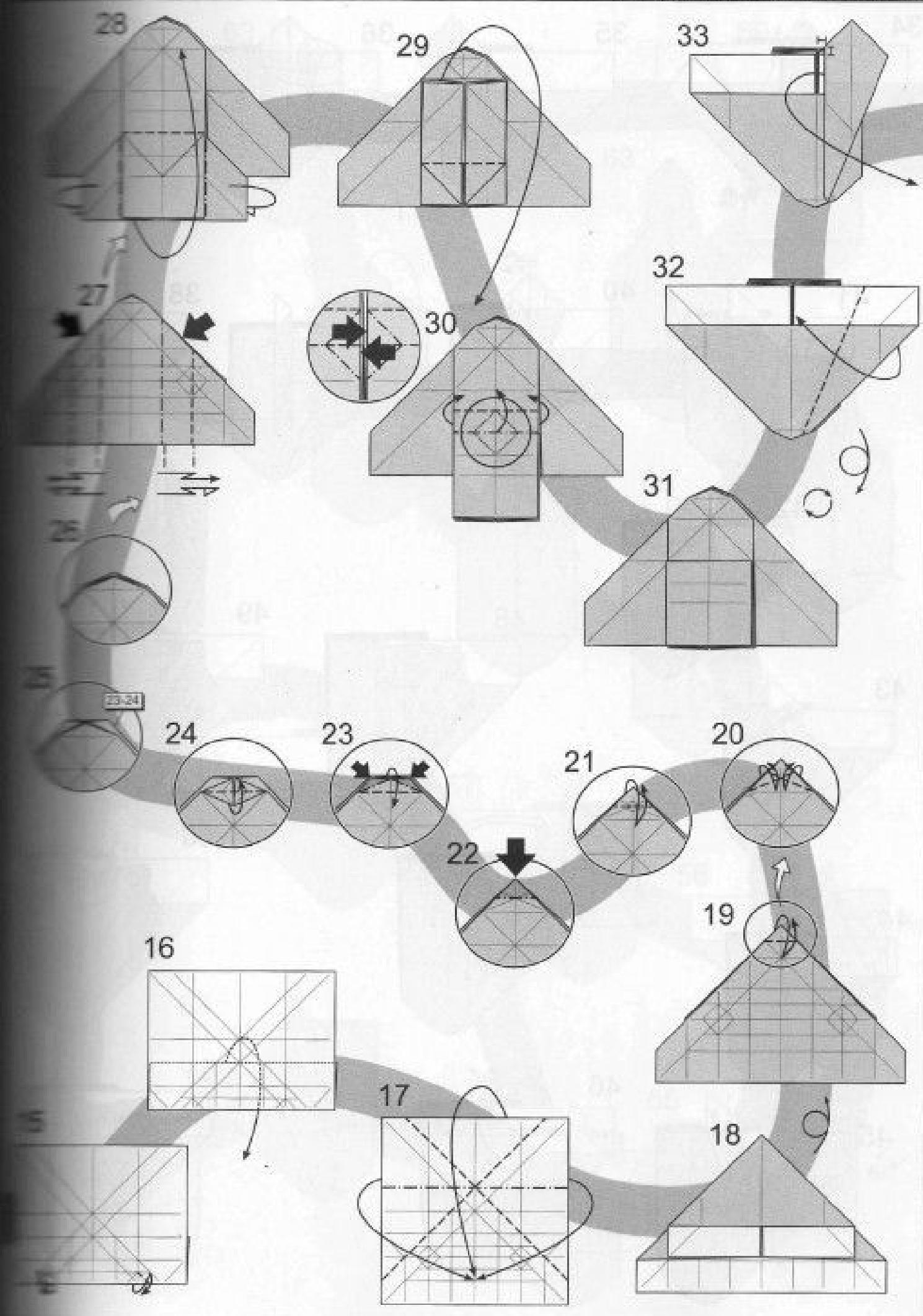


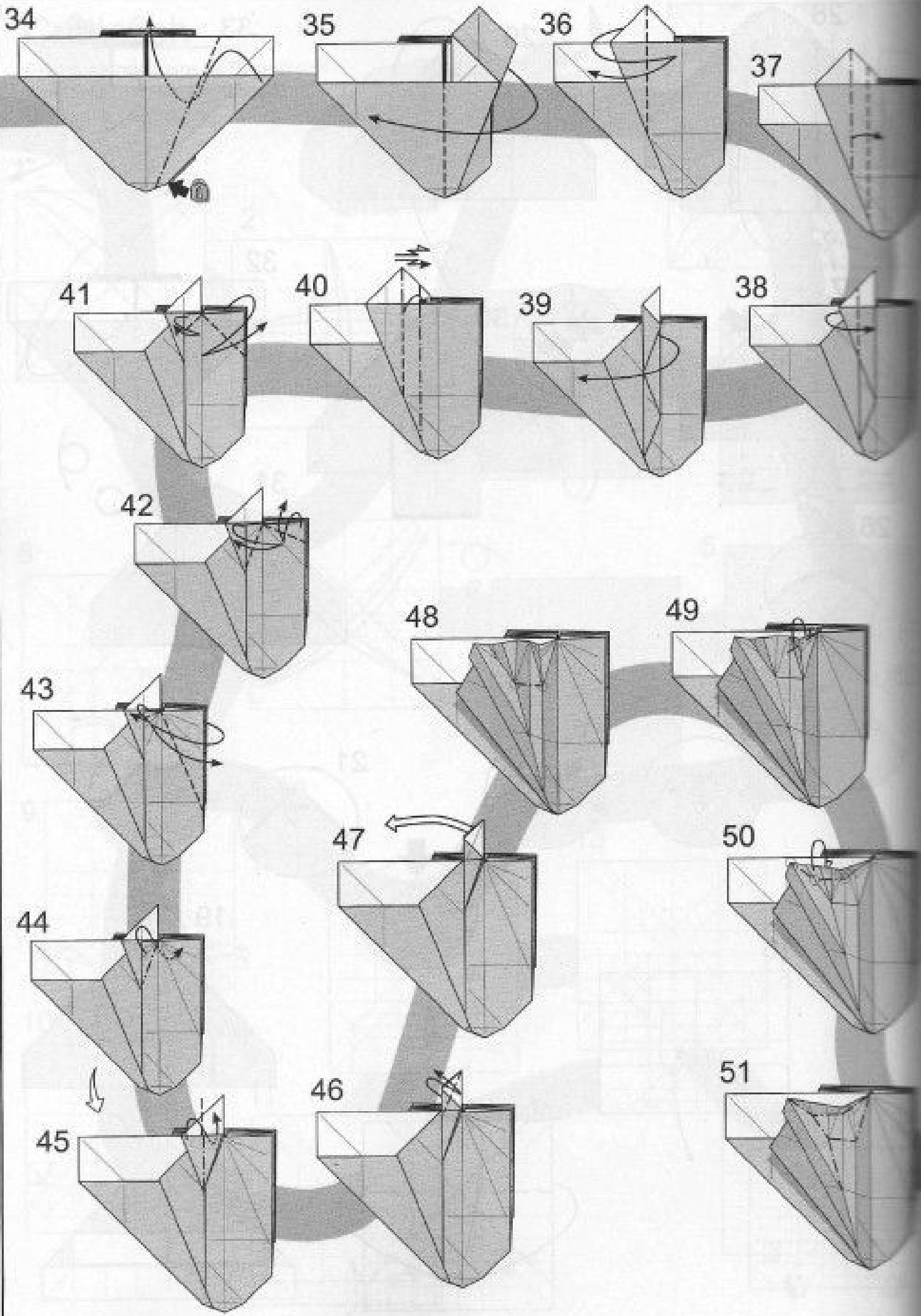
Angelfish.

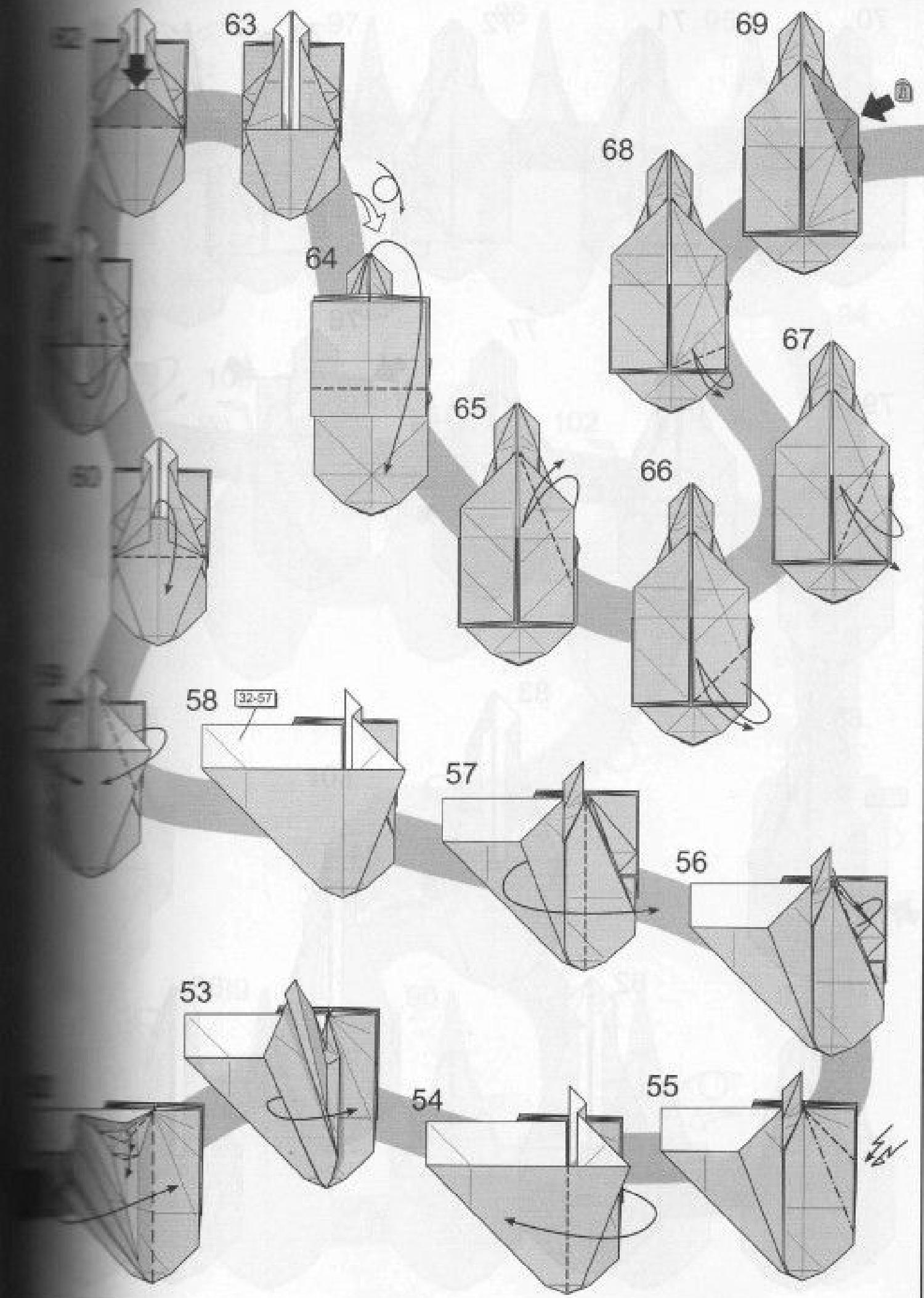
Cuttlefish

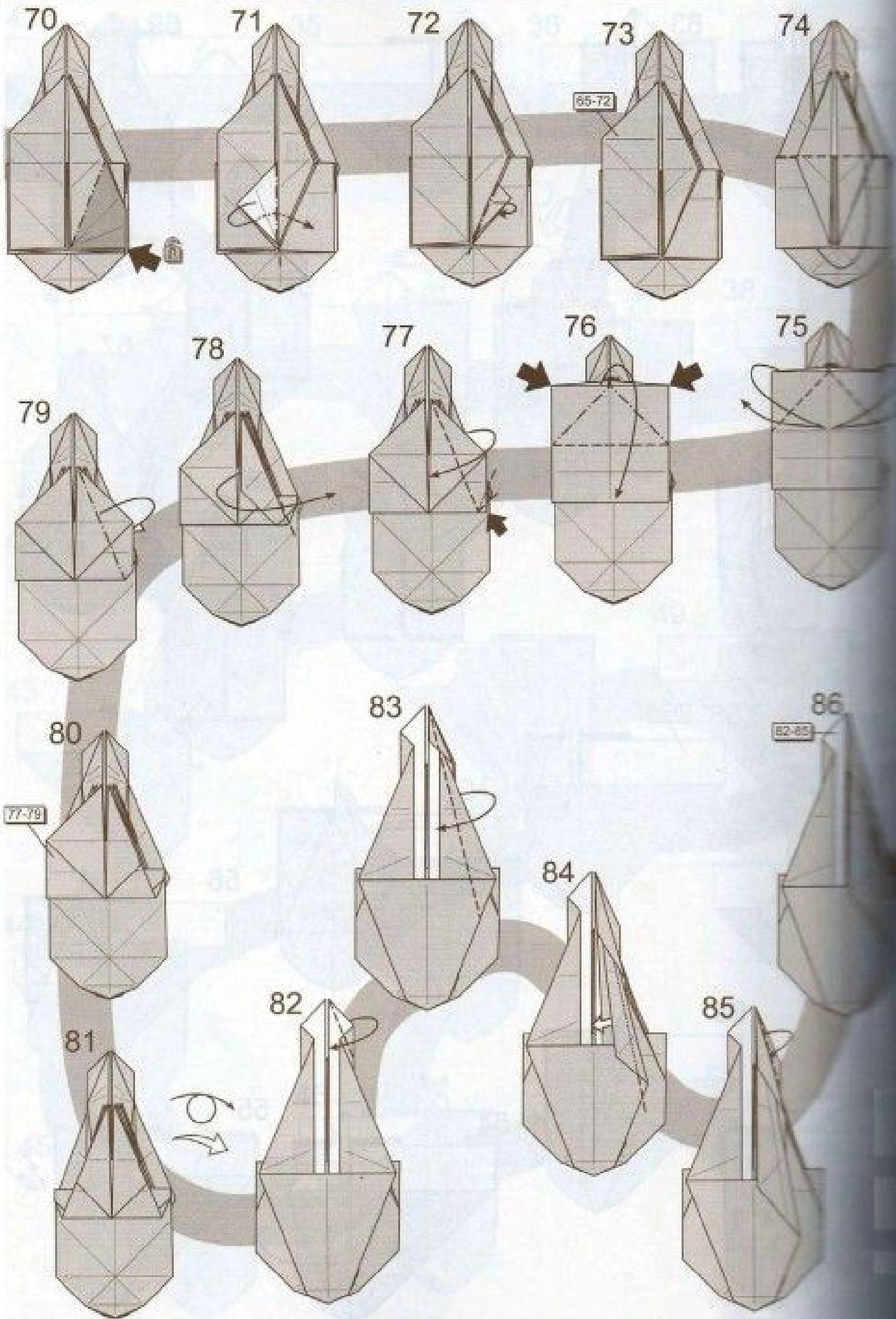
Design and diagrams by Ryan Welsh
Amsterdam, The Netherlands
Diagrams: xx-05/2015

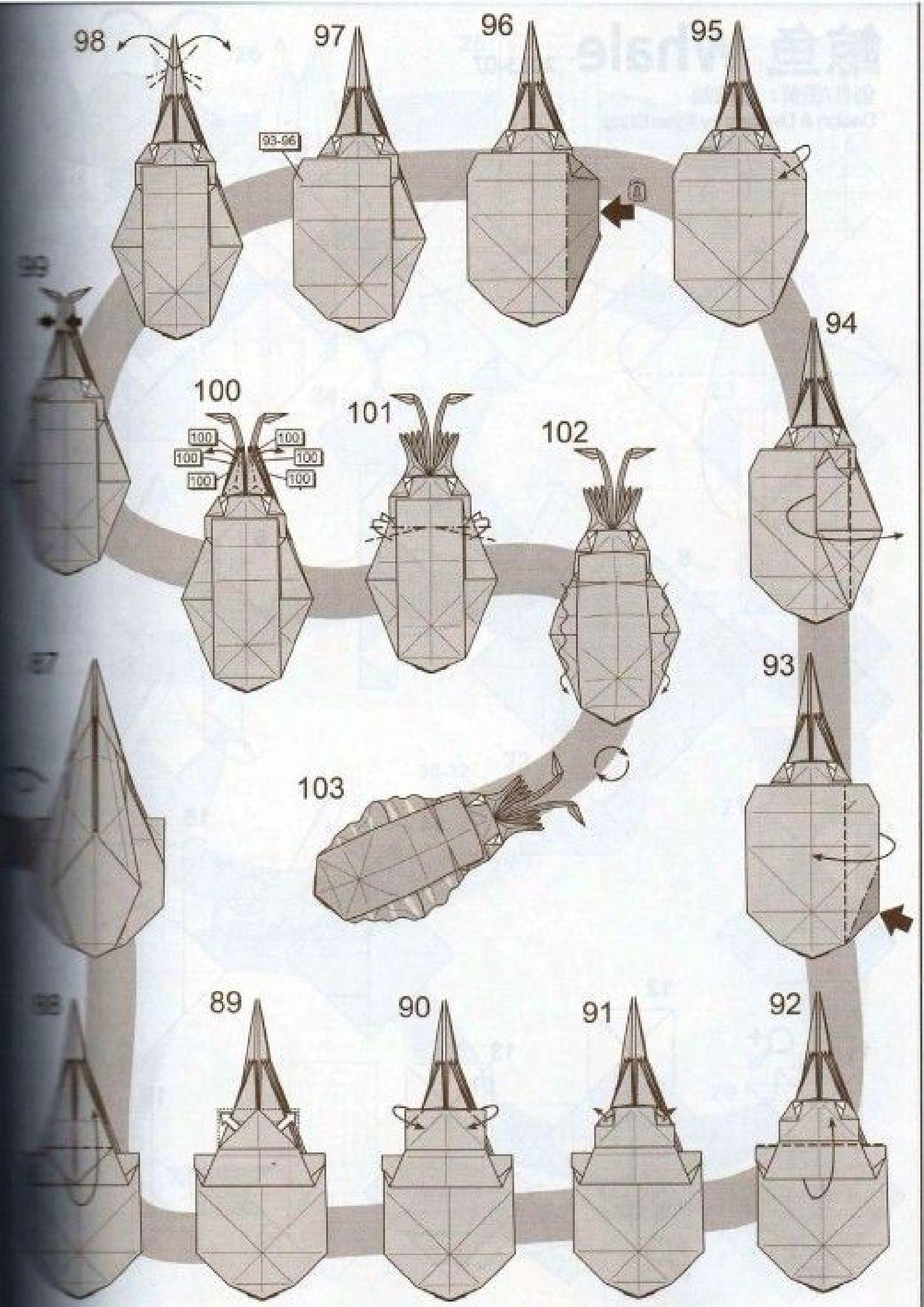










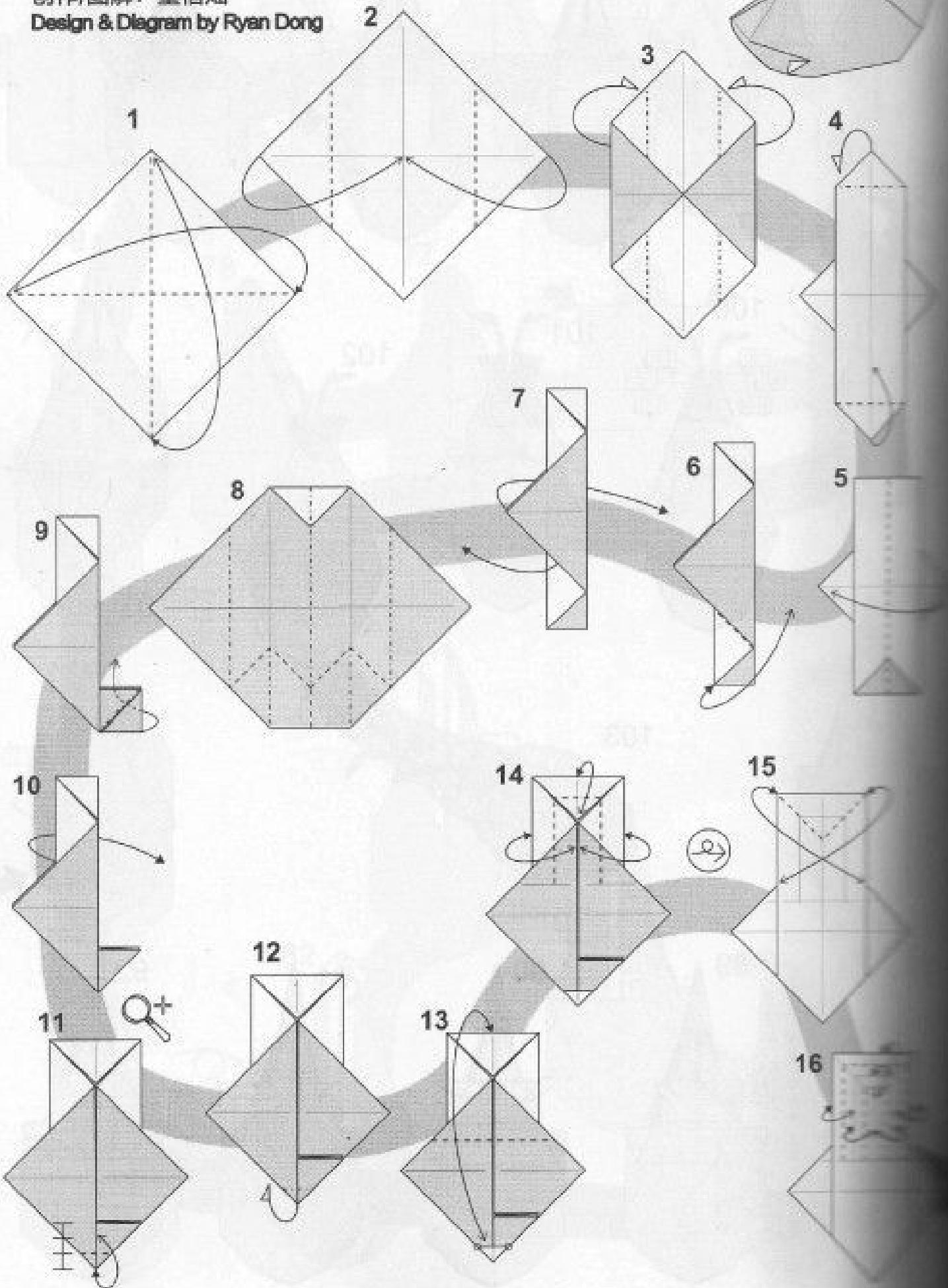


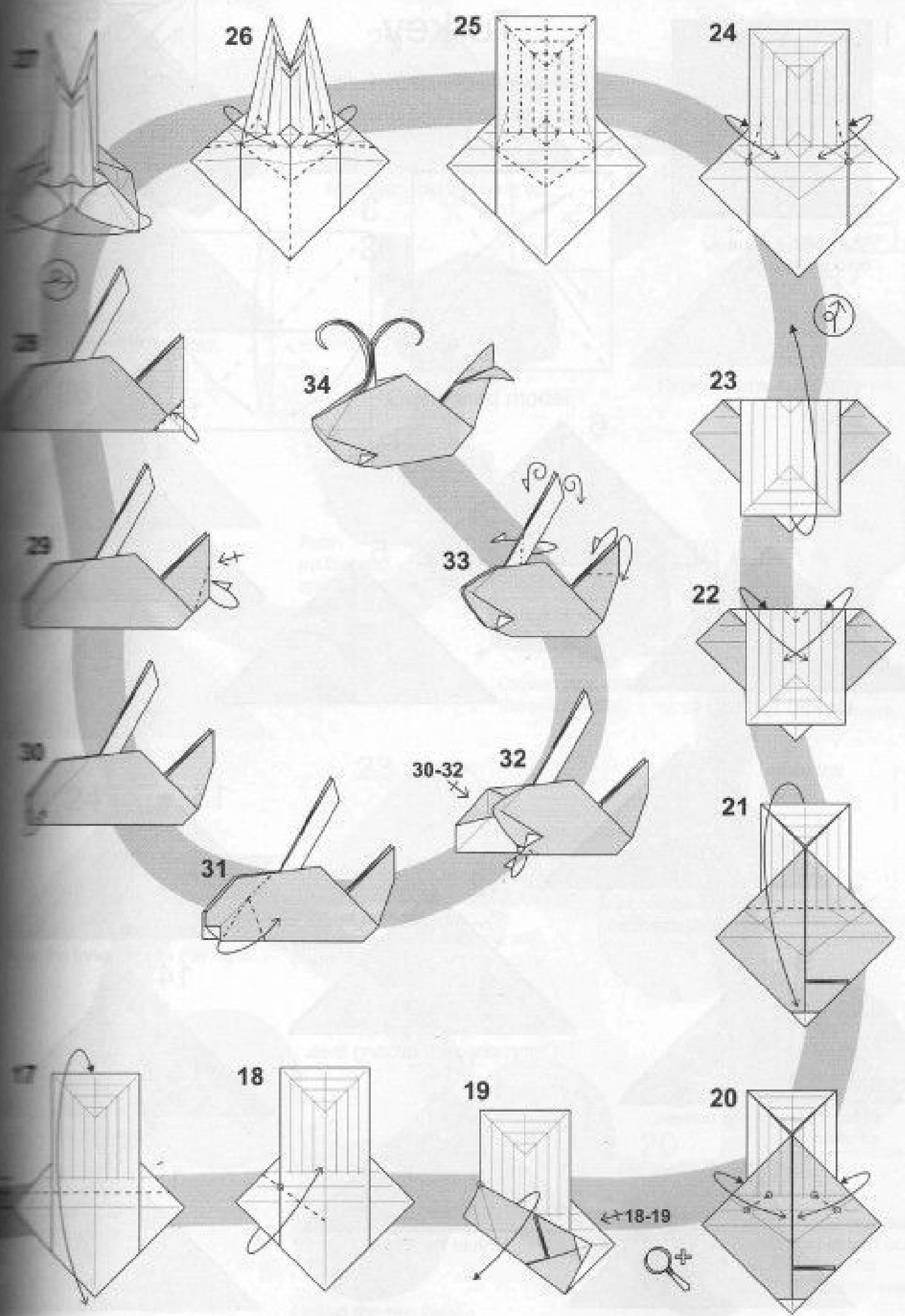
鲸鱼 Whale

2013-07

创作/图解: 董信灿

Design & Diagram by Ryan Dong

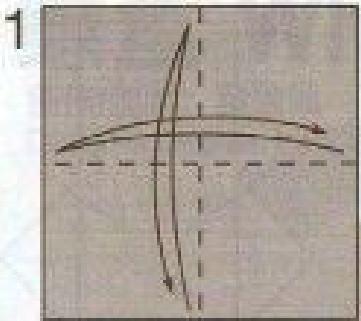
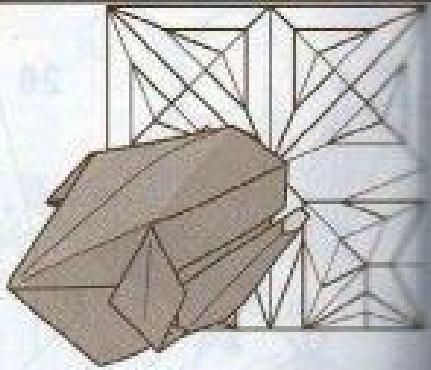




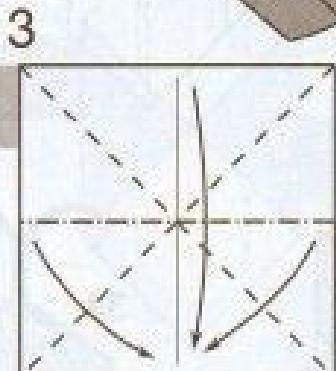
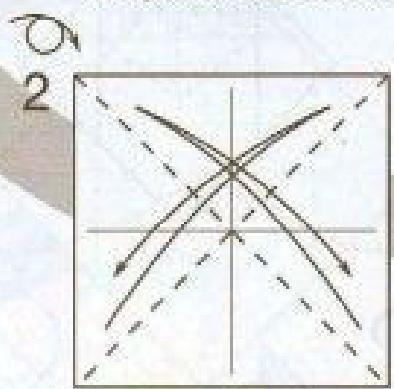
Turkey

Design: Ryan MacDonell, 2013

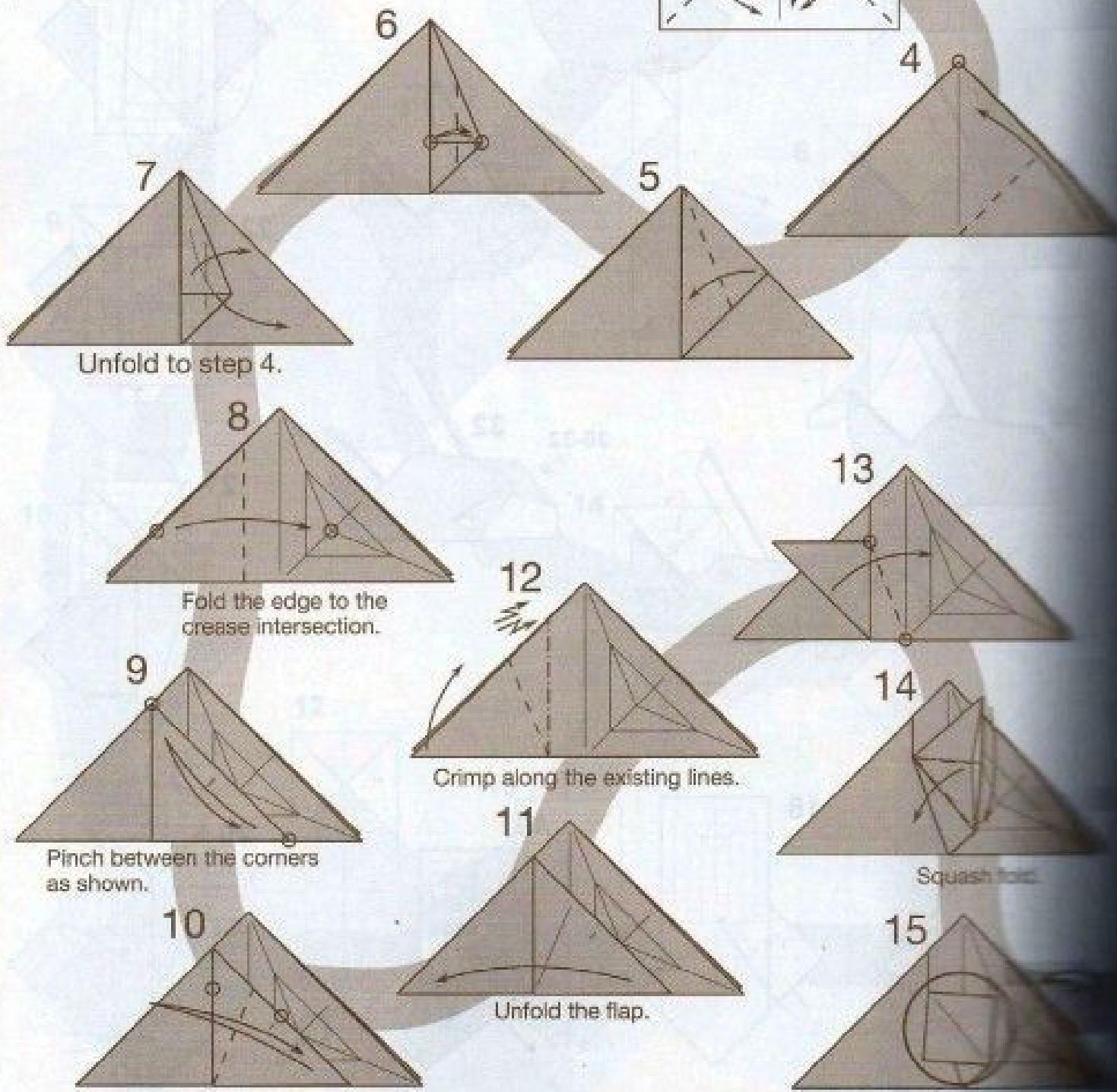
Diagrams: Ryan MacDonell, 2015



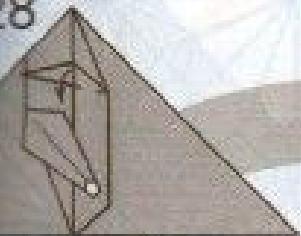
Start with a square,
colour side up.



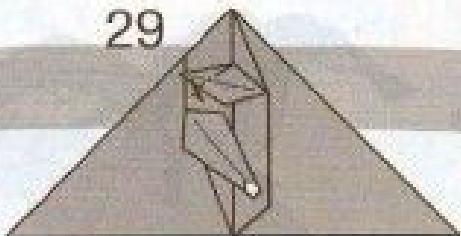
Collapse to a
waterbomb base



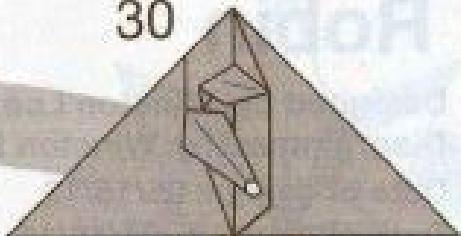
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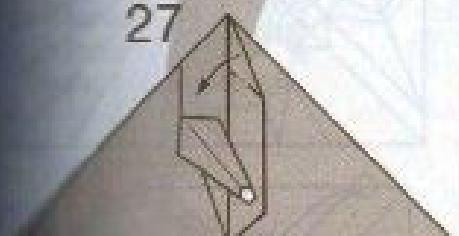
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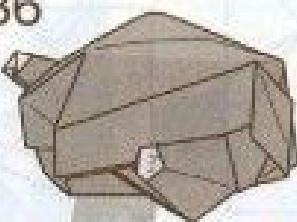
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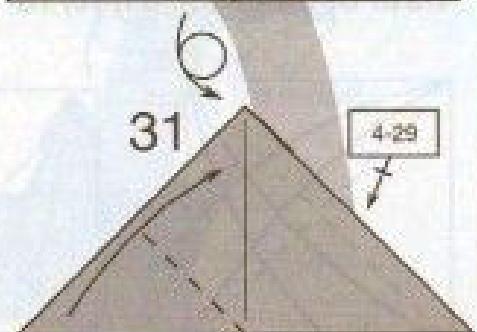
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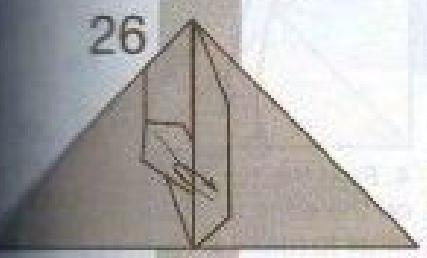
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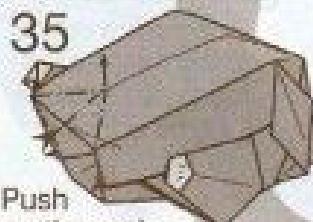
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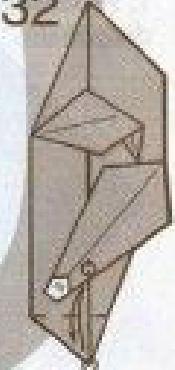
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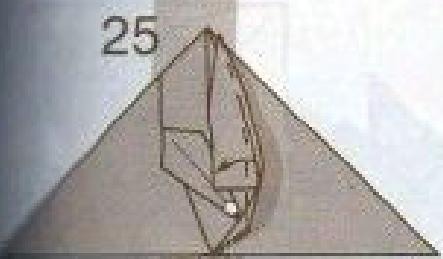
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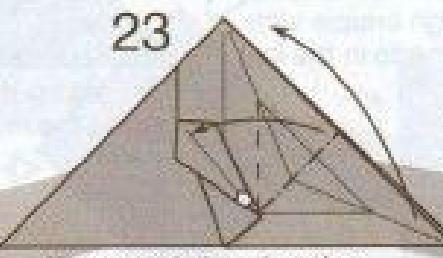
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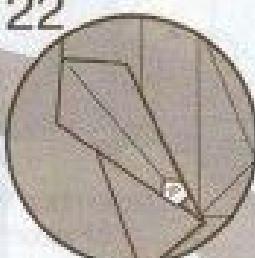
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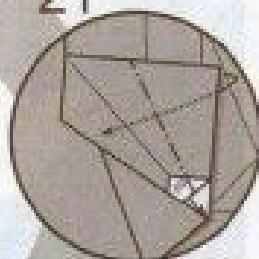
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22



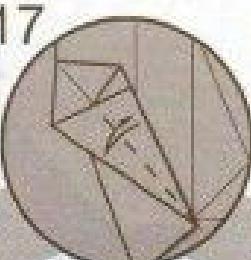
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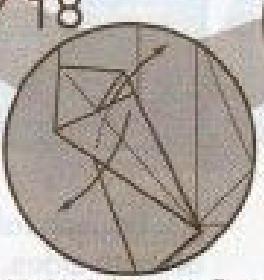
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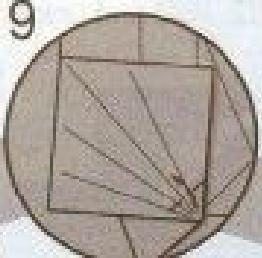
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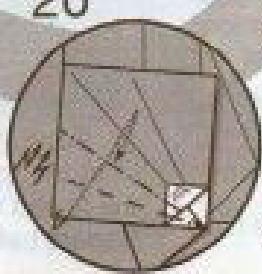
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19



20



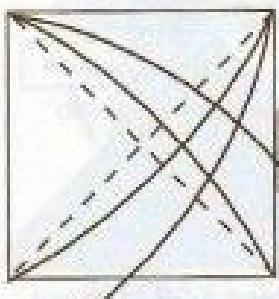
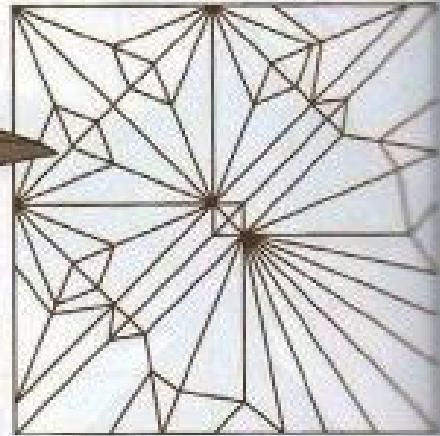
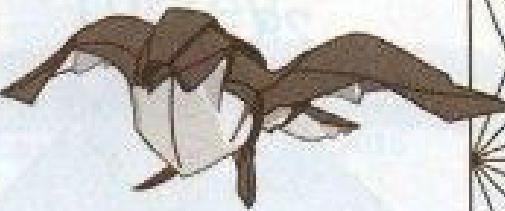
Fold the two corners inwards at 30° angles.

Unfold the two flaps.

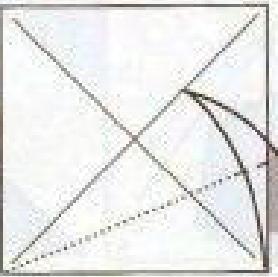
Inside reverse fold in and out with using the precreases.

Robin

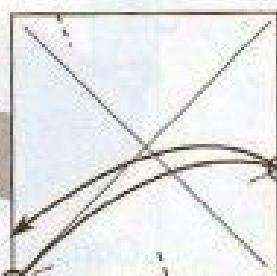
Designed by: Winston Lee
 Diagrammed by: Winston Lee
 Date of design: 05/16/12
 Date of diagram: 01/16/15



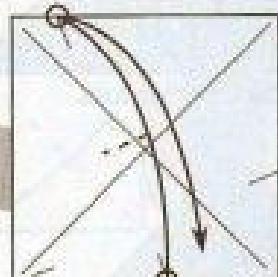
1. Precrease on diagonals.



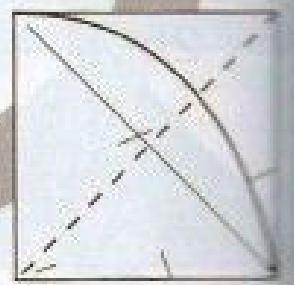
2. Fold angle bisector only at the end.



3. Fold the corner to the new crease made, and crease just the edges.



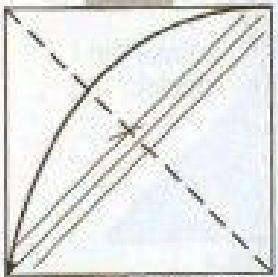
4. Fold the two points on the edge to each other to make a crease near the center.



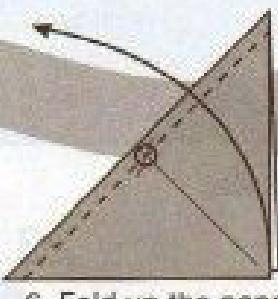
5. Fold on the diagonal.



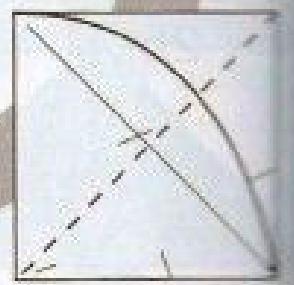
6. Fold up the paper using the reference point.



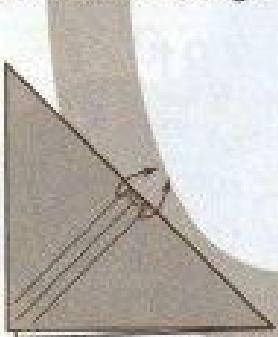
7. Align crease with fold made in the last step.



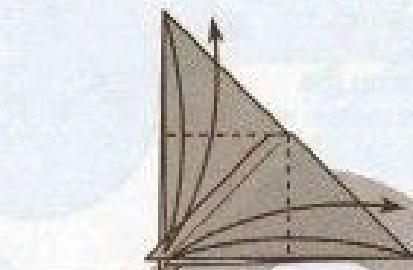
8. Unfold to step 4.



5. Fold on the diagonal.



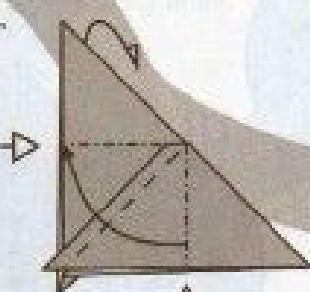
10. Fold and unfold using the folds formed in previous steps.



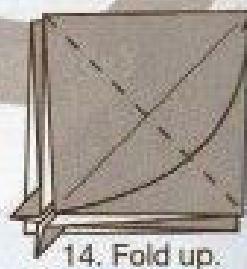
11. Push in the paper from the top to swivel the layers to the left. Repeat behind.



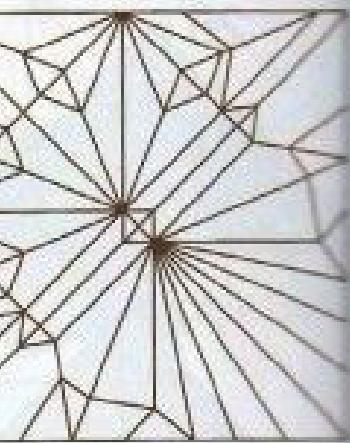
12. Fold and unfold.

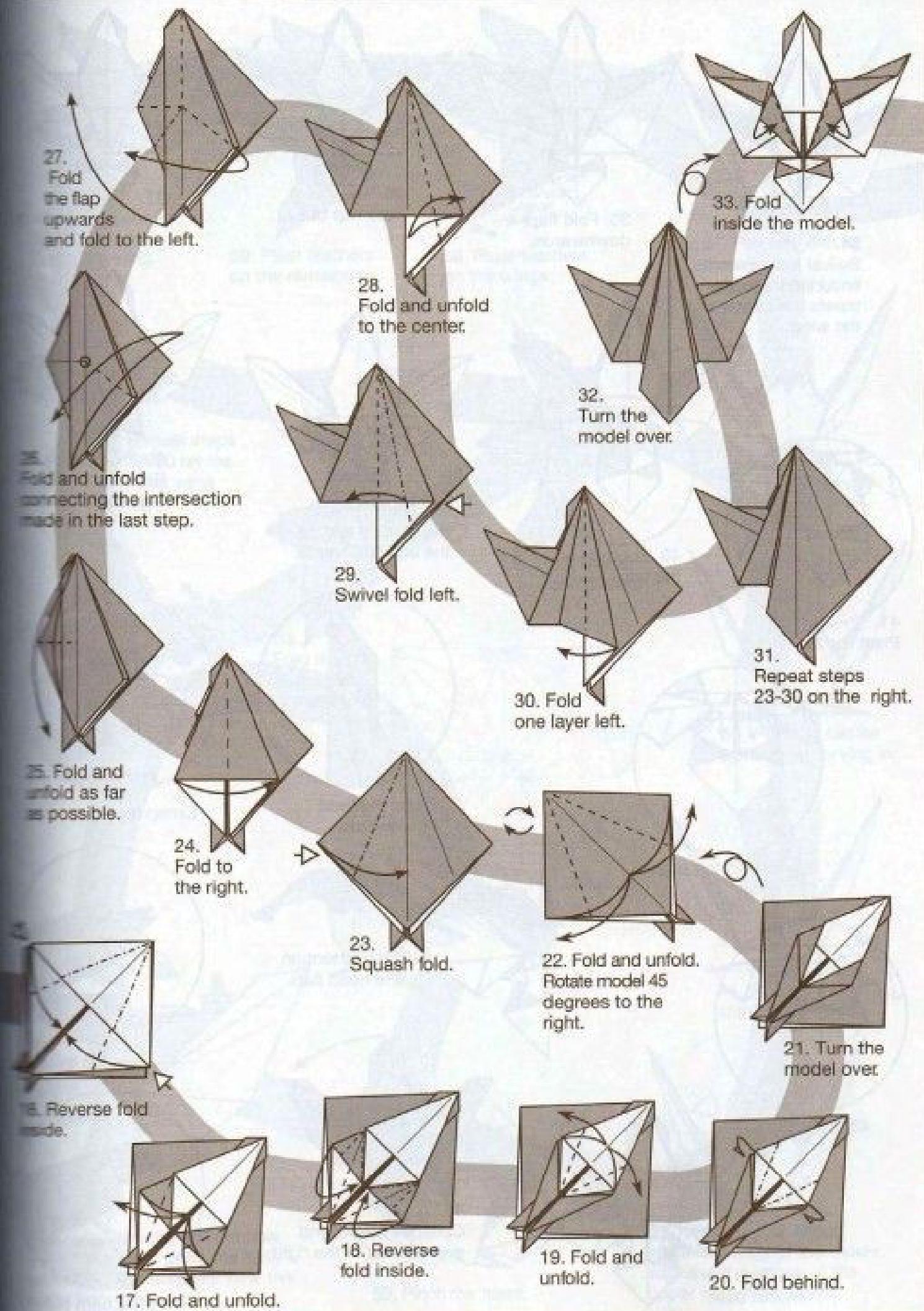


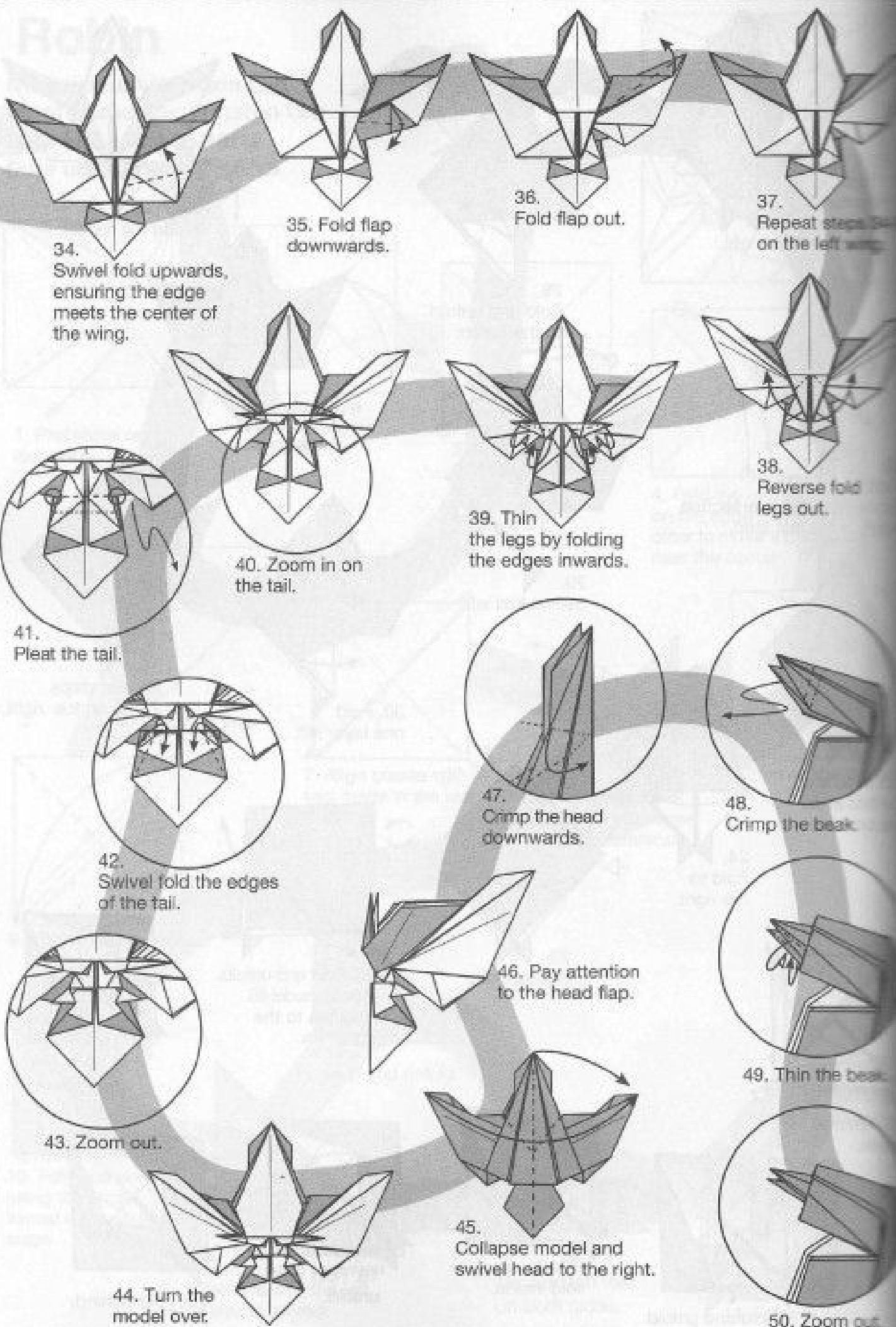
13. Squash fold on both sides.

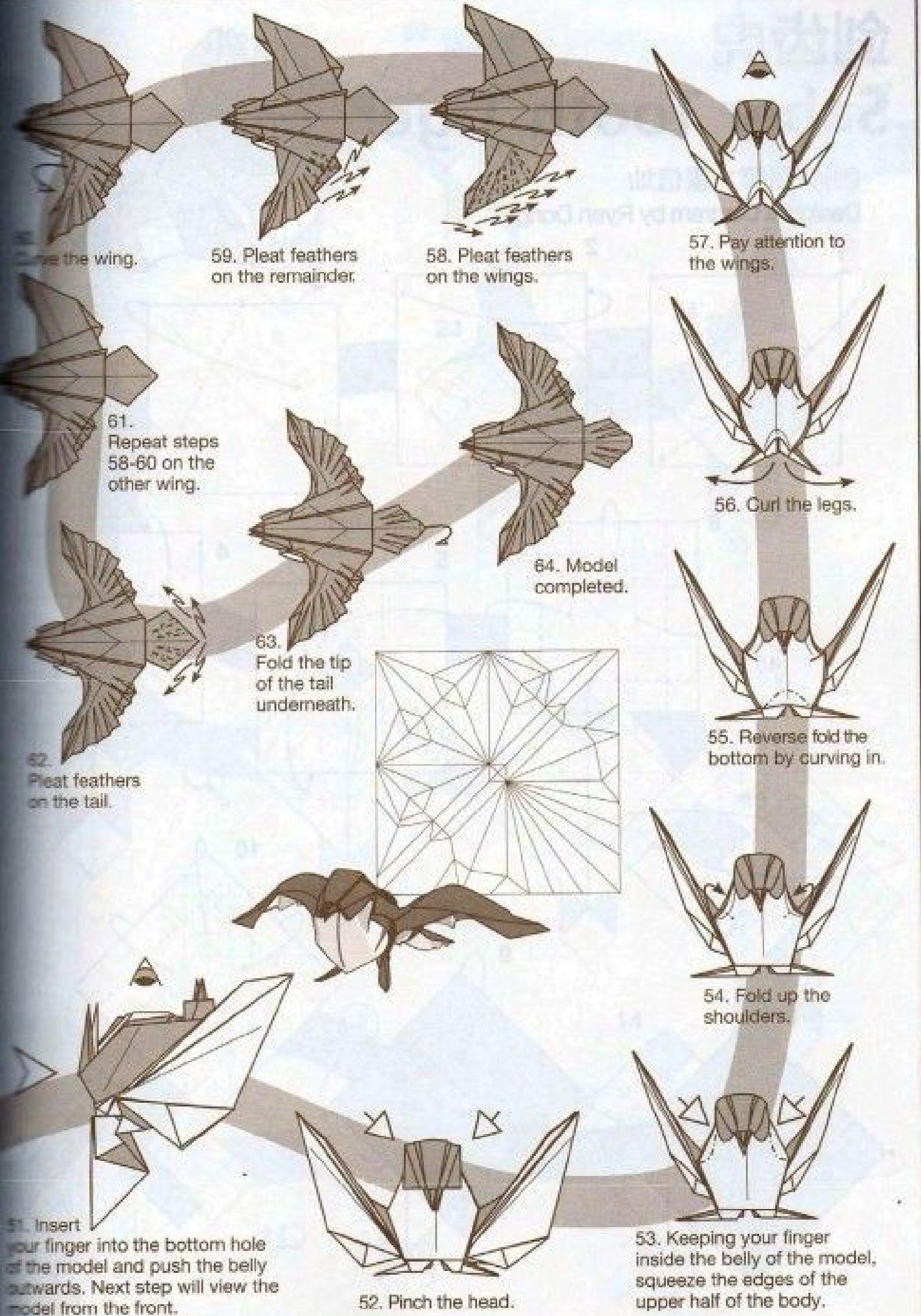


14. Fold up.







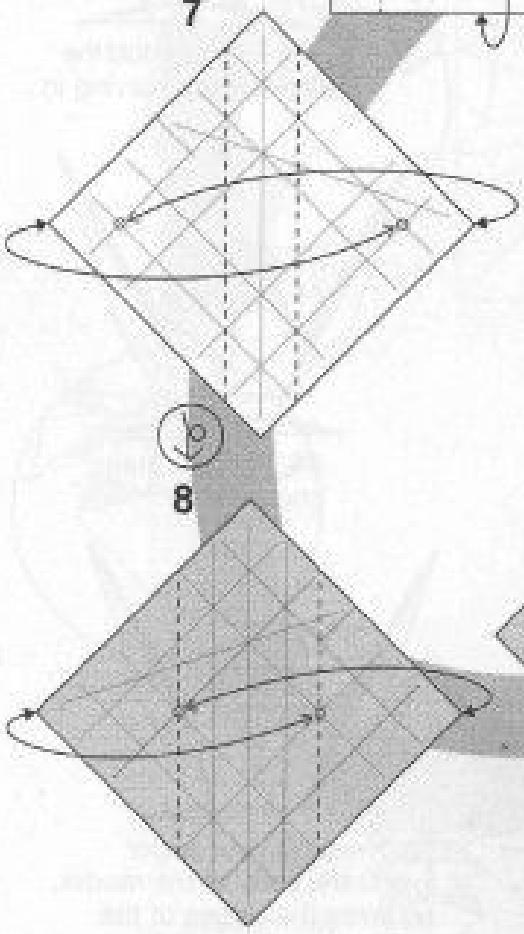
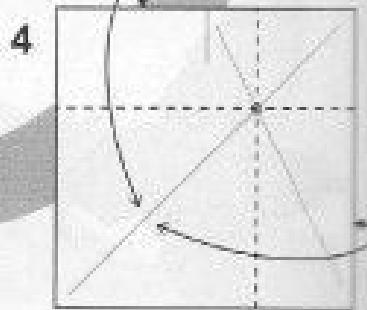
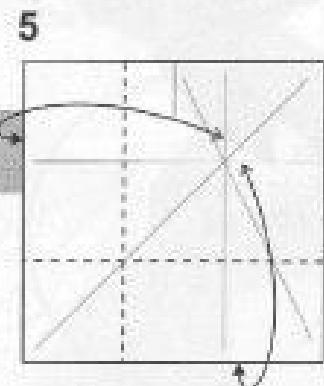
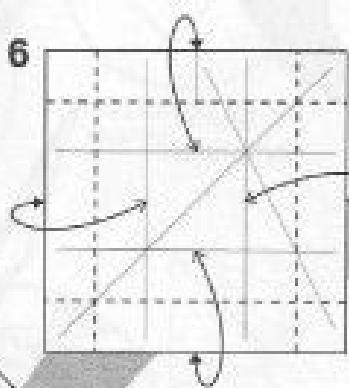
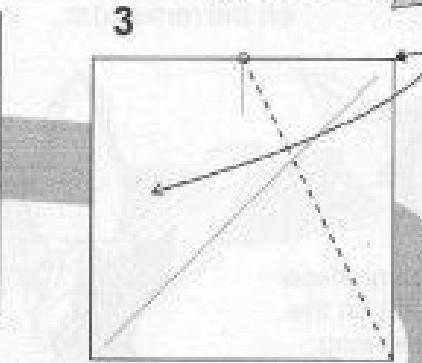
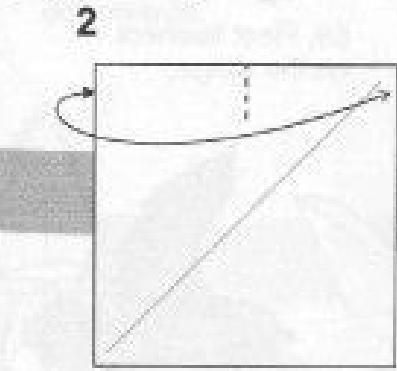
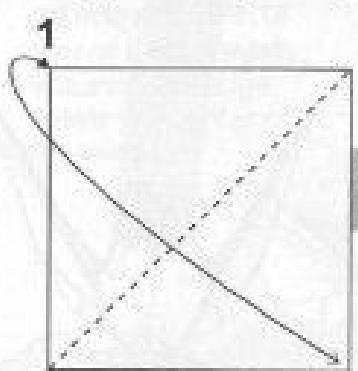
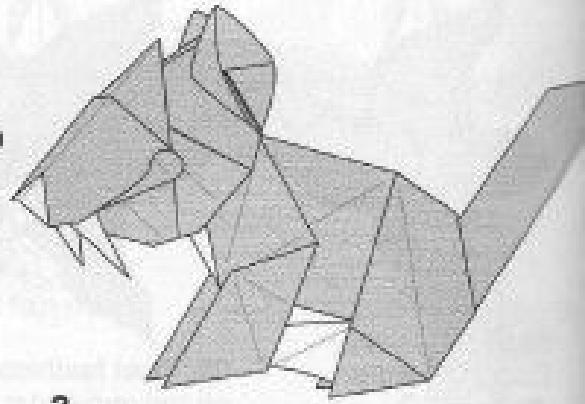


劍齒虎

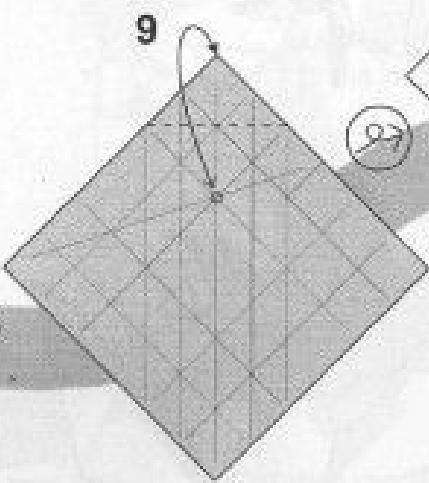
Saber Tooth Tiger

創作/図解：董信灿

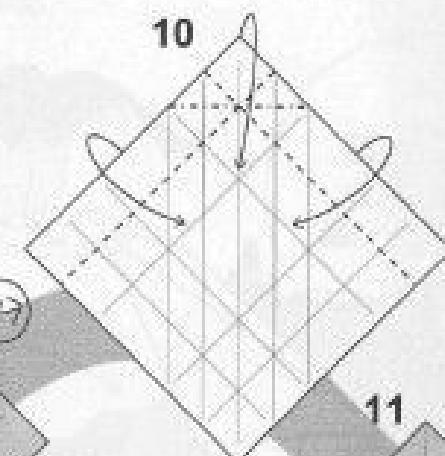
Design & Diagram by Ryan Dong



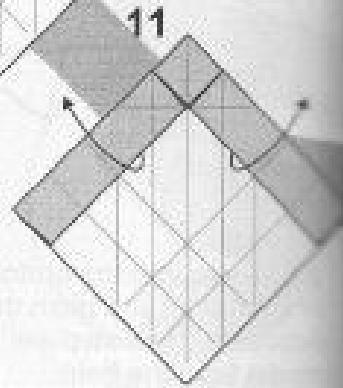
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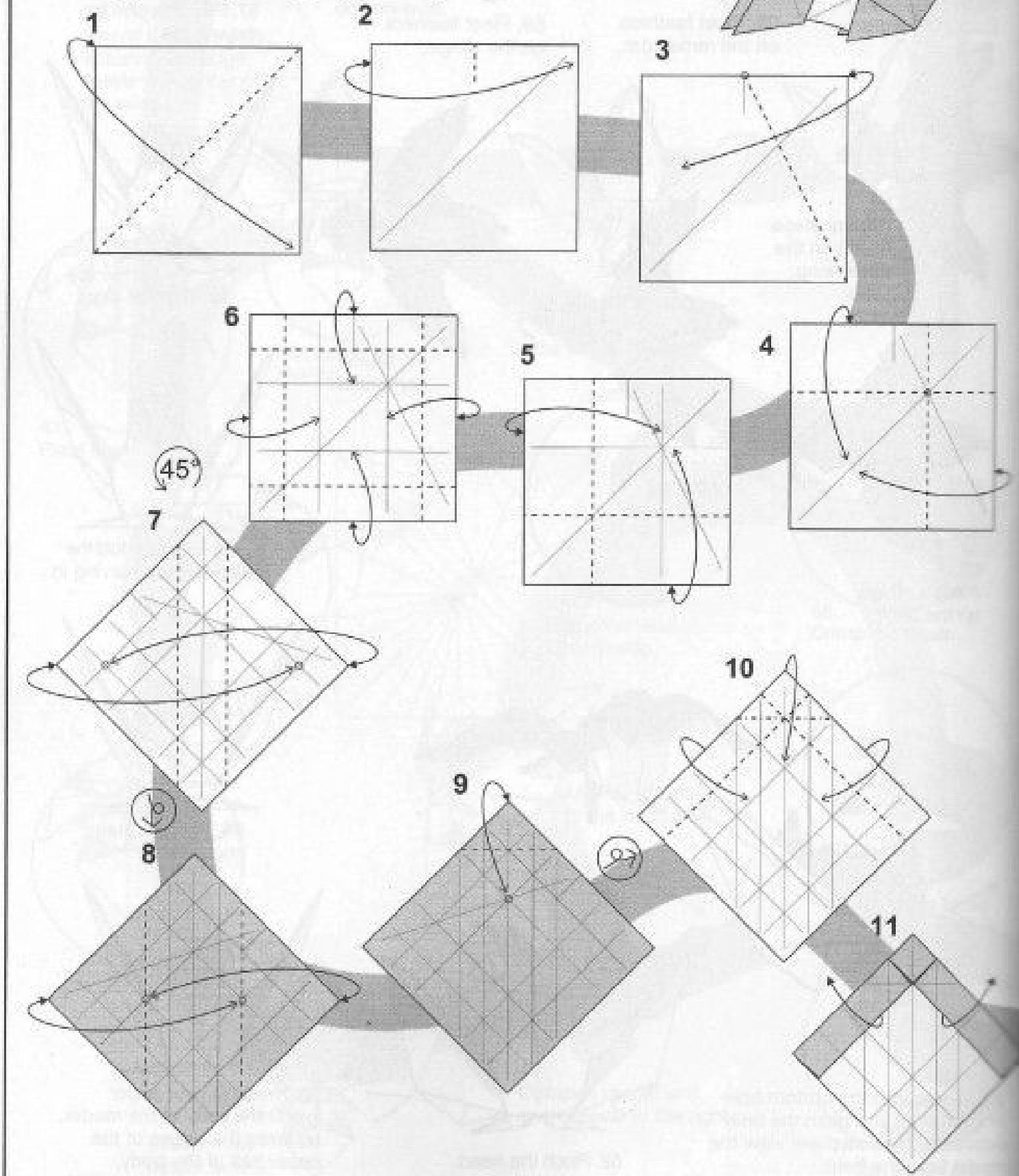
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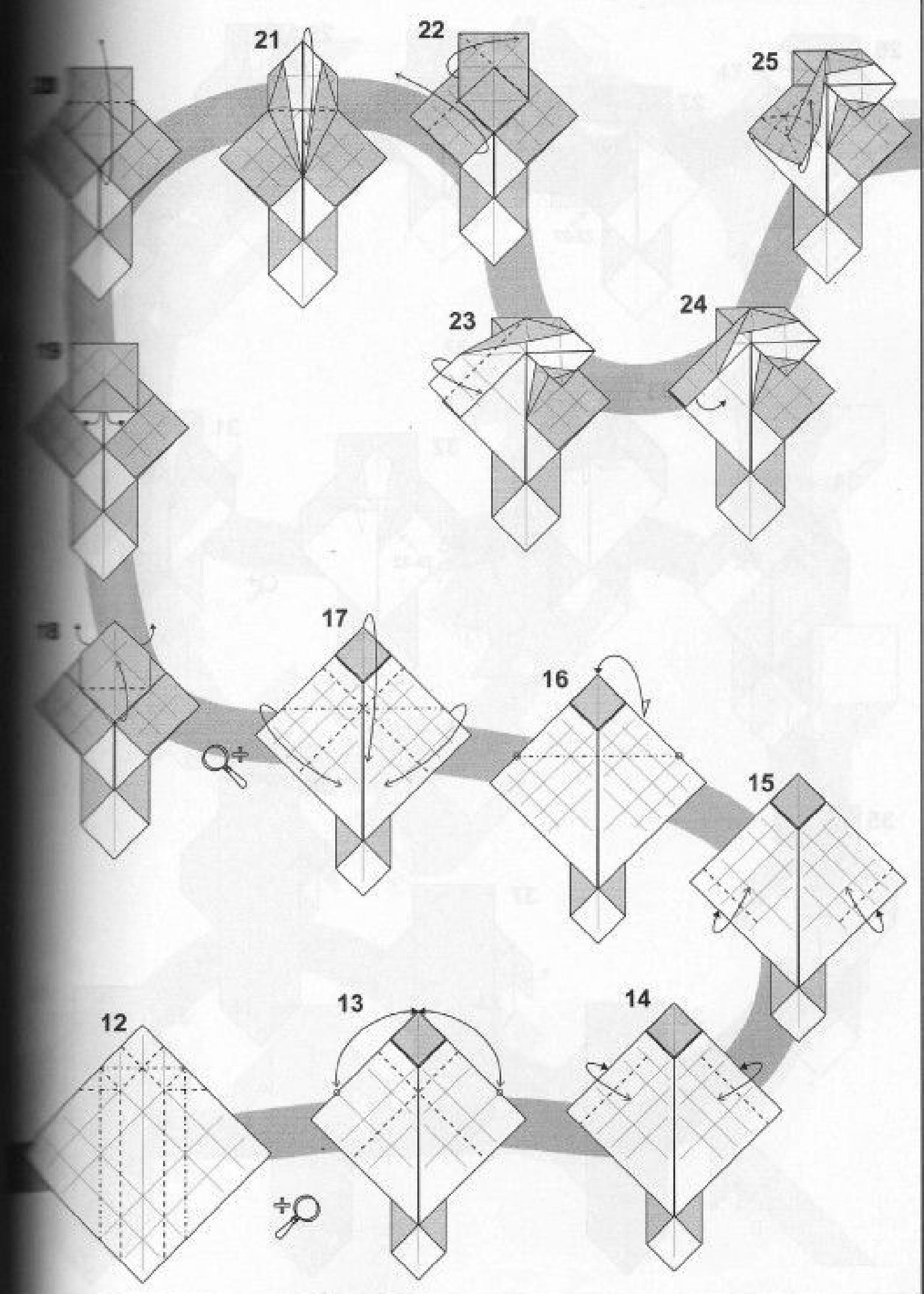


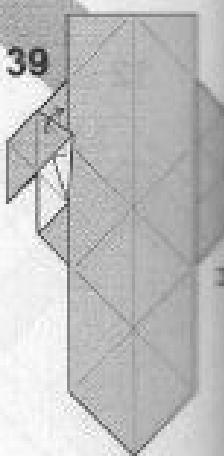
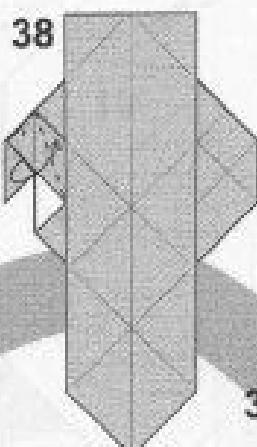
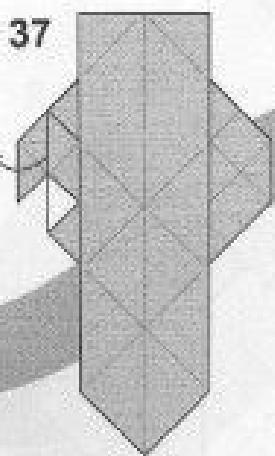
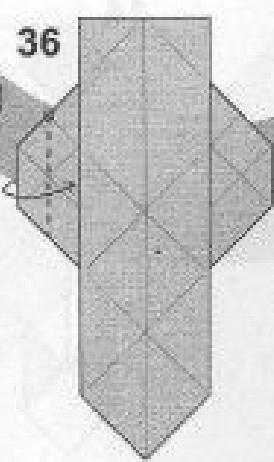
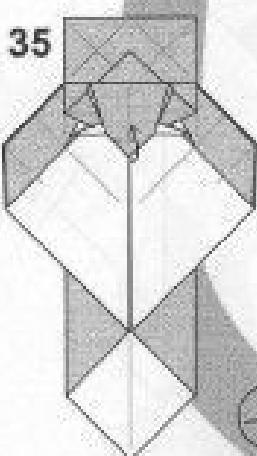
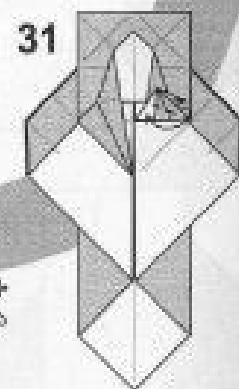
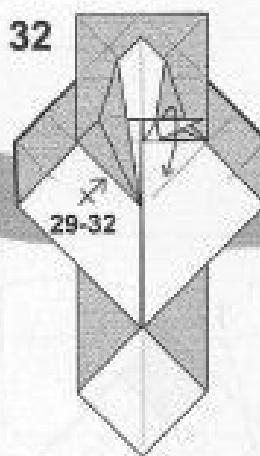
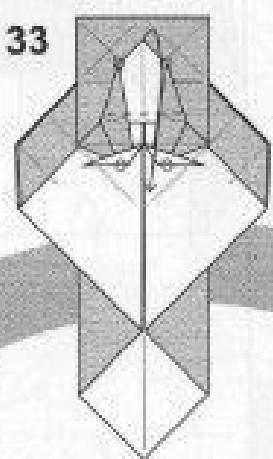
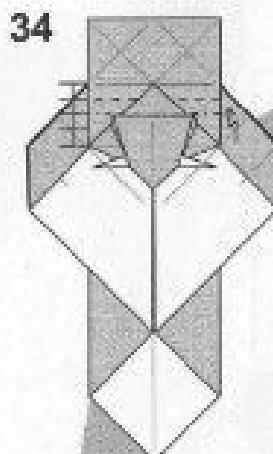
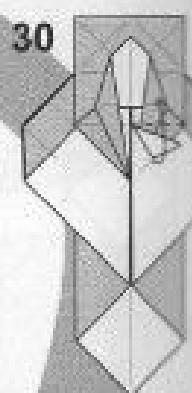
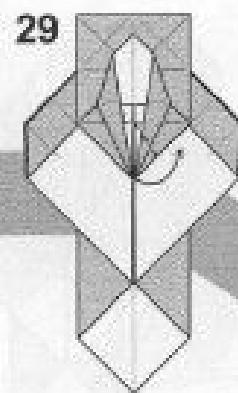
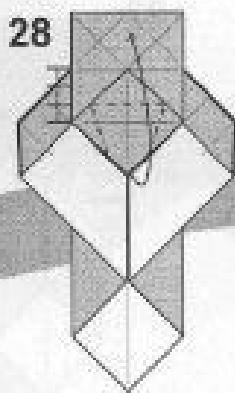
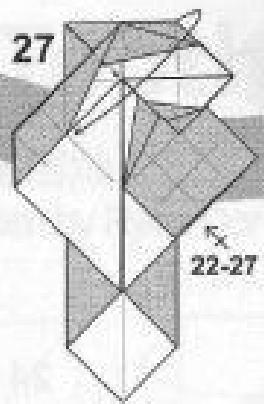
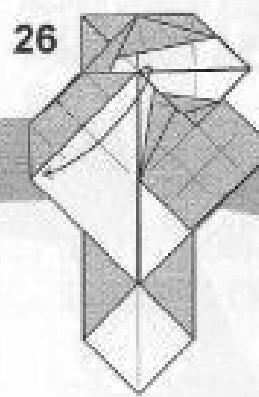
10

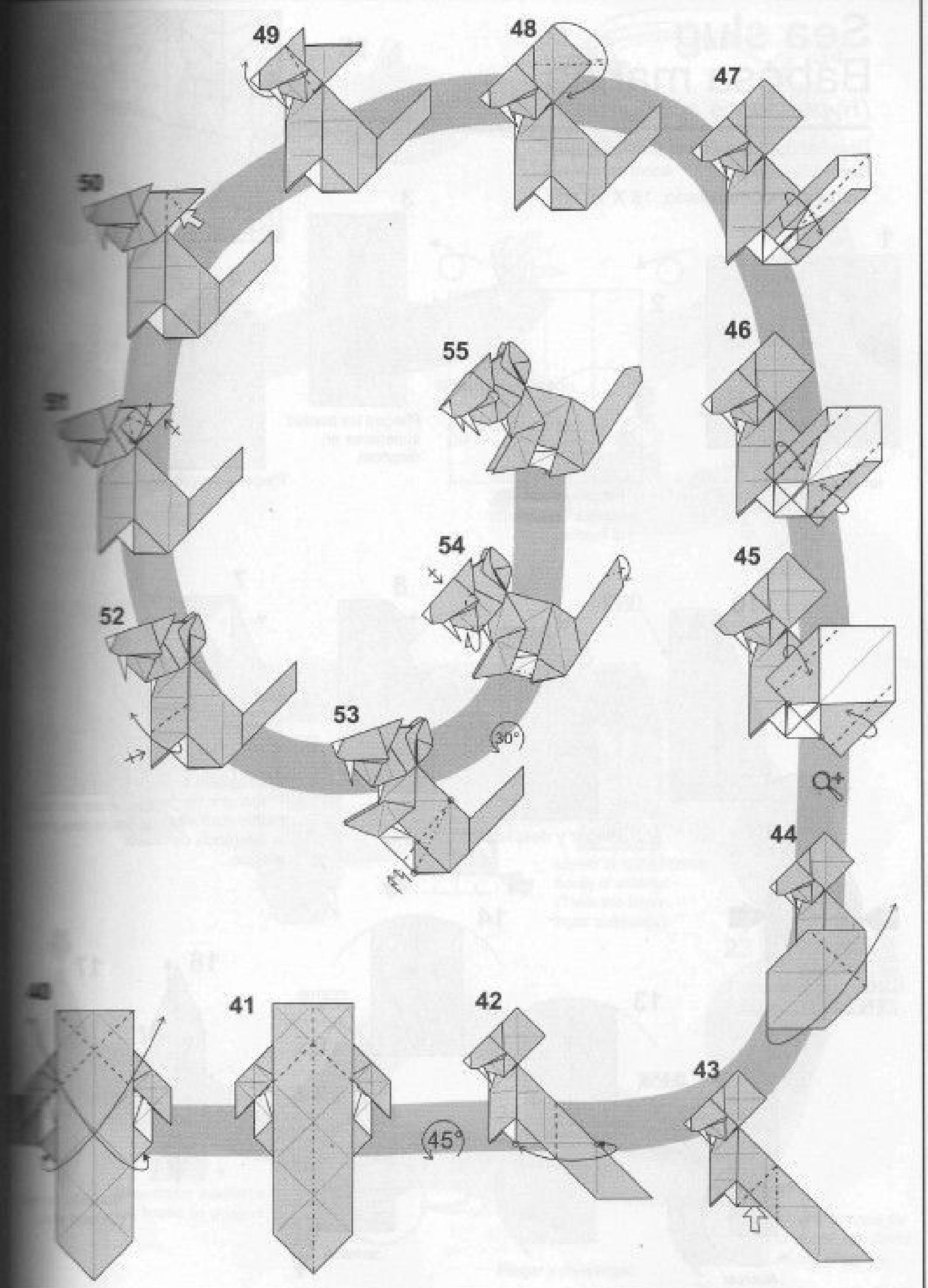


11









Sea slug

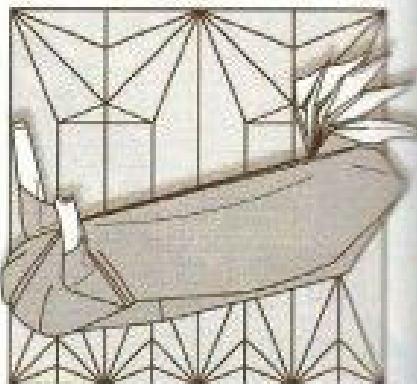
Babosa marina

(*Hypselodoris apolegma*)

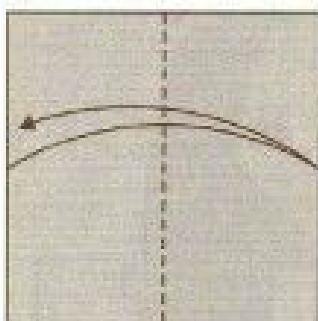
Diseño: Jacksiel Rivas (Jack Dreyil)

País: México

Tamaño recomendado: 18 X 18 cm

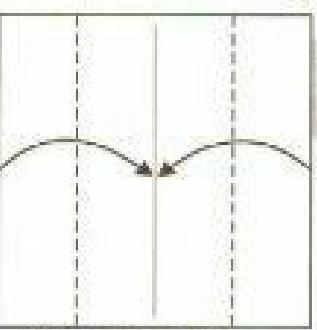


1



Plegar y desplegar en ángulo bisector.

2



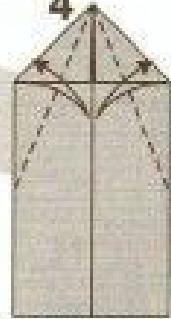
Plegar en valle los bordes llevandolos al medio.

3



Plegue los bordes superiores en diagonal.

4



Plegar y desplegar.

5



Desplegar.

10



6-9



Plegar y desplegar.

8



7



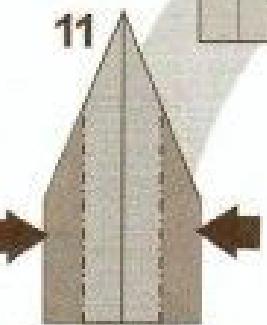
Plegar por en medio mediante la referencia de pliegue.

6

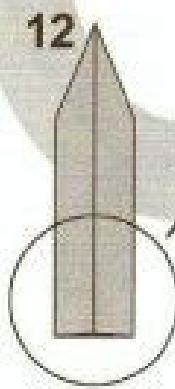


Llevar por en medio el borde designado.

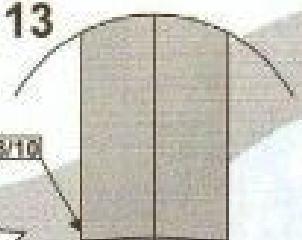
11

Hundir aplastando
(To sink squashing).

12

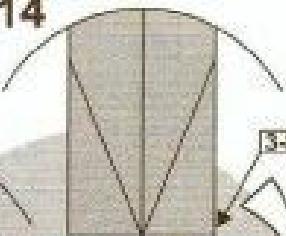


13



3-8/10

14



15



3-8/10

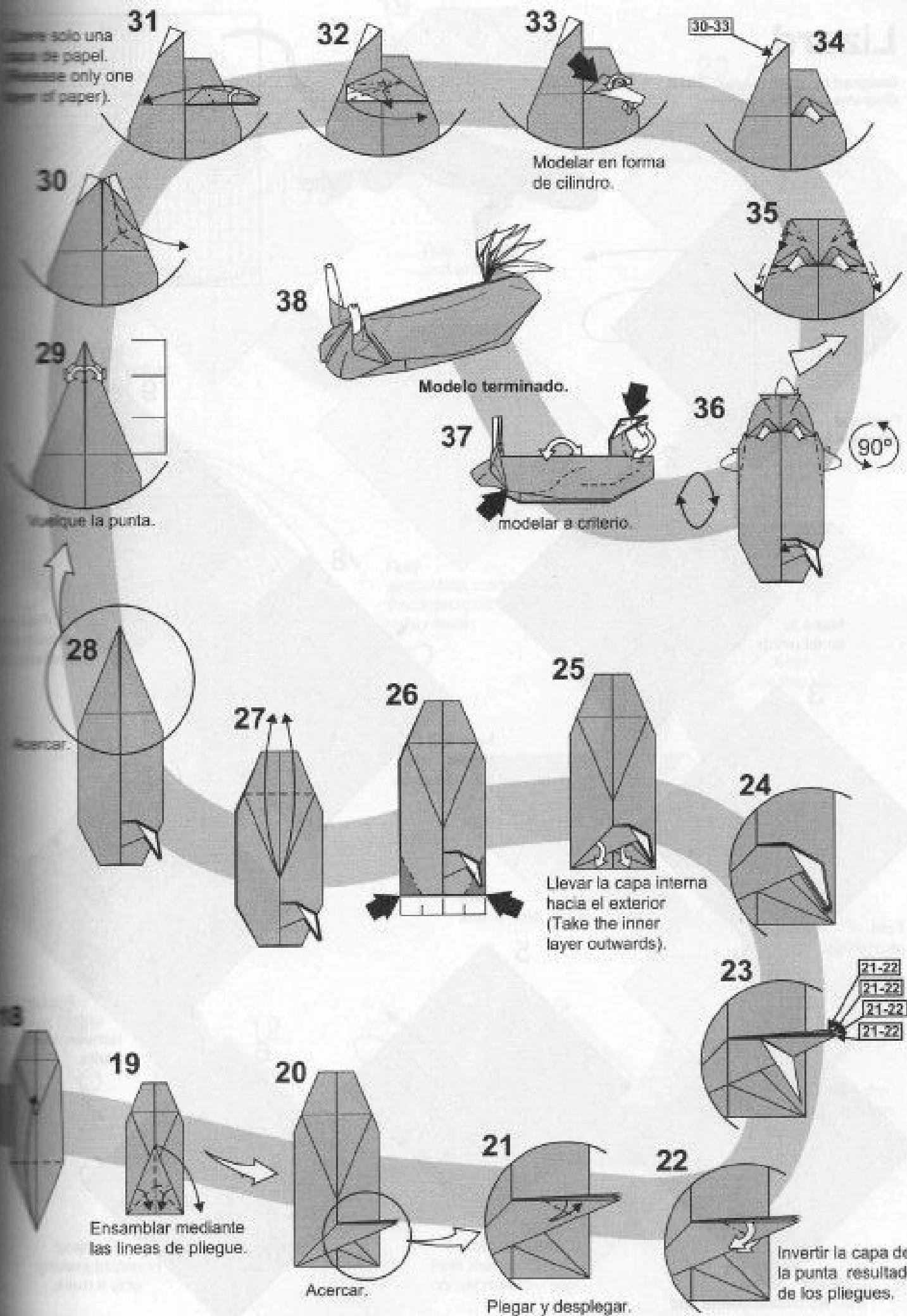
16



17

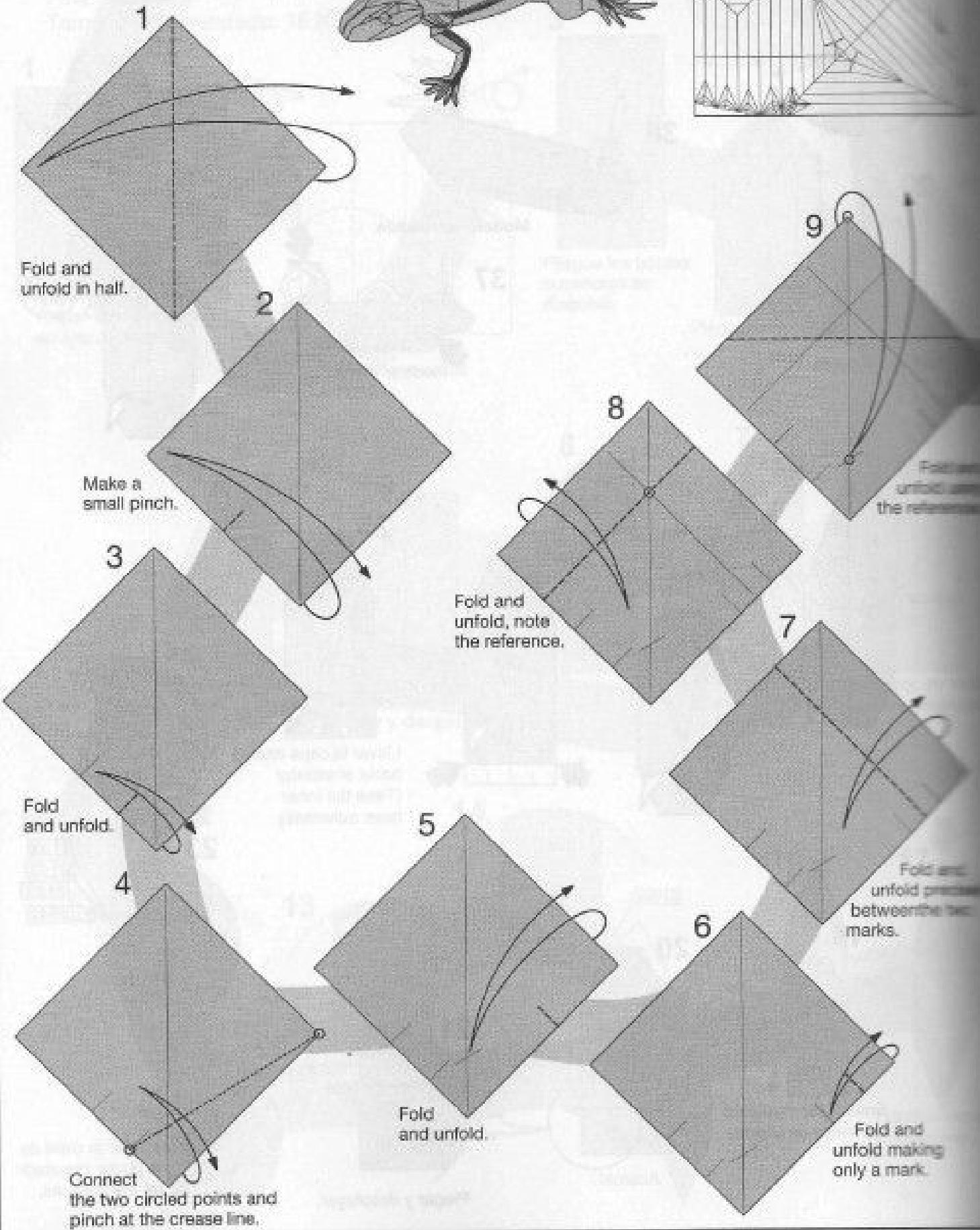
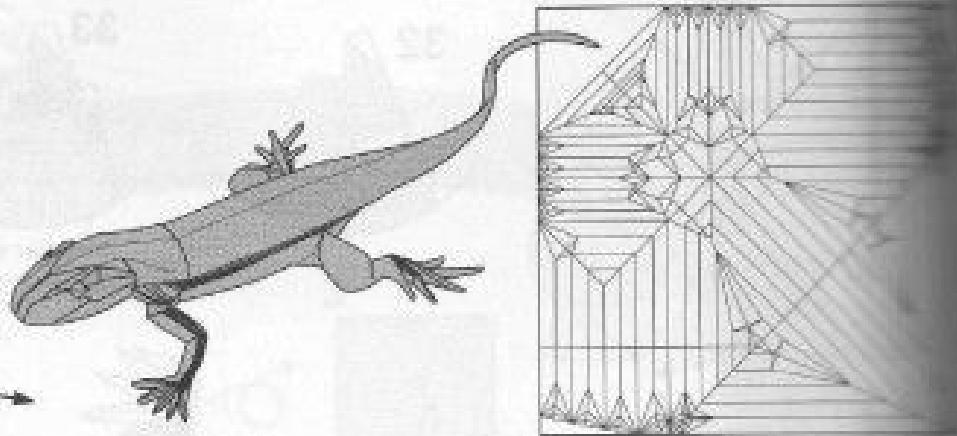
Hundido cerrado
(Closed sink).

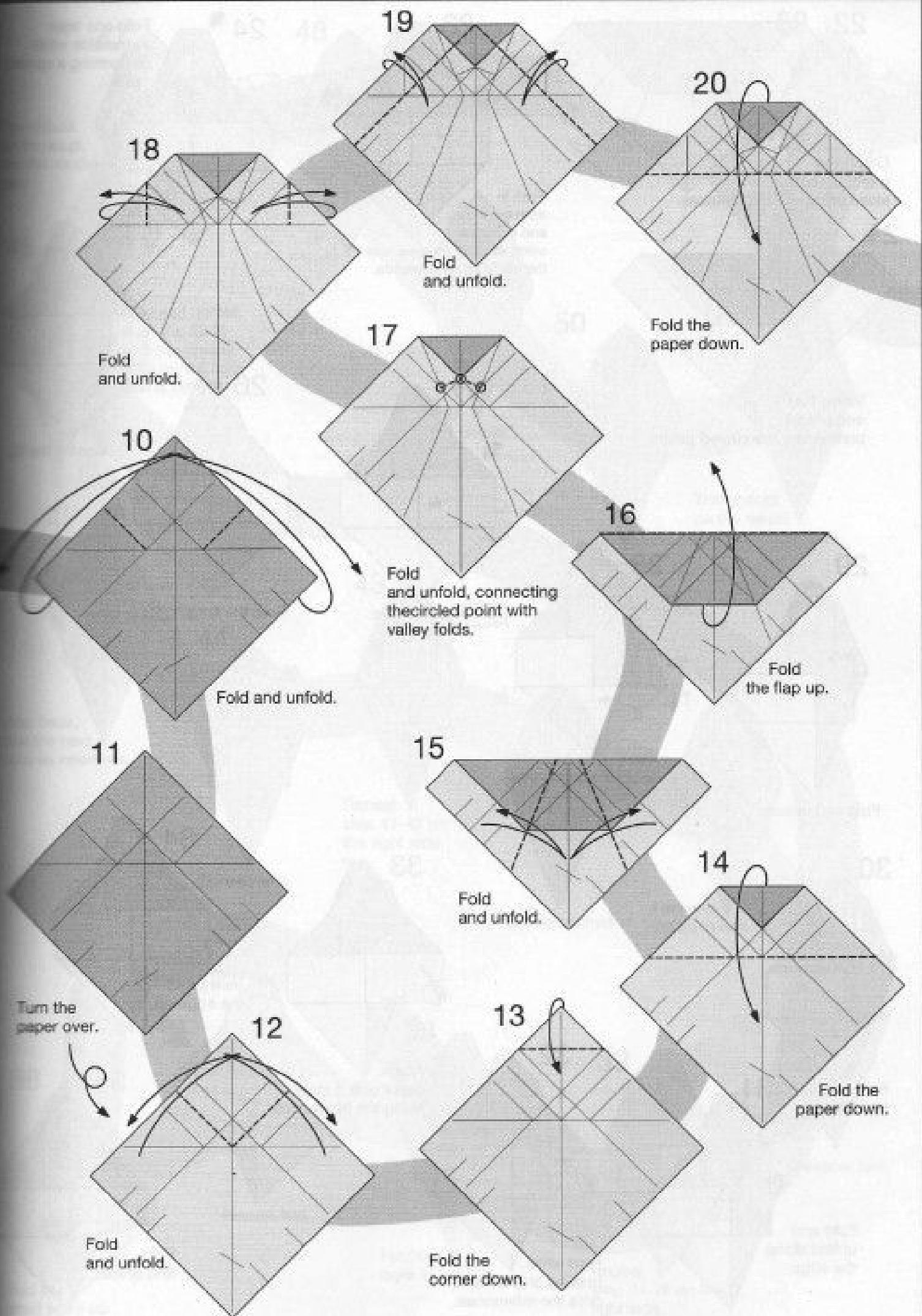
Acercar



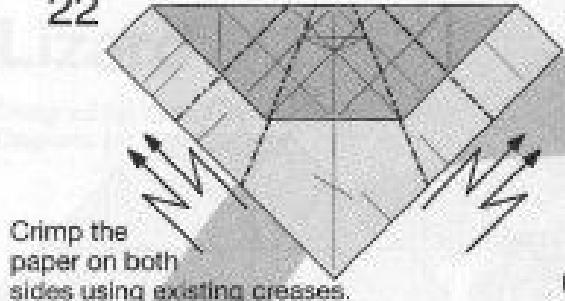
Lizard

Designed by: Chris Heynen (2012)
Diagrams by: Chris Heynen





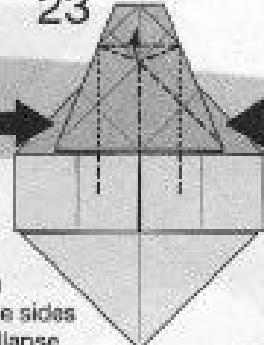
22



21

Crimp the paper on both sides using existing creases.

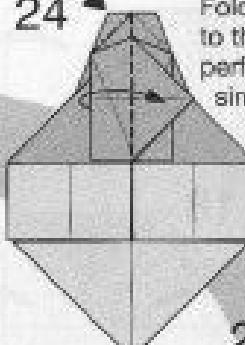
23



24

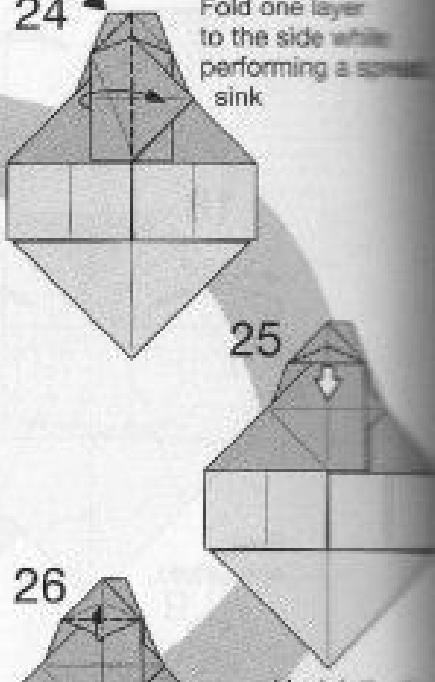
Fold one layer to the side while performing a square sink.

25



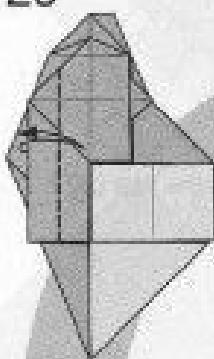
Push in from the sides and collapse using existing creases; use the next step as reference.

26

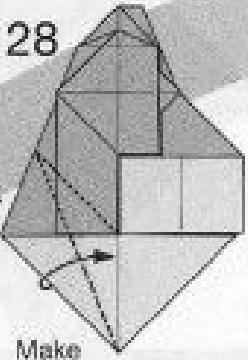


Unsink the tip.

29



28



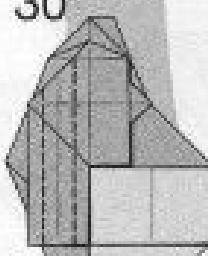
Reverse fold.

Fold the small tip up.

Make another reverse fold.

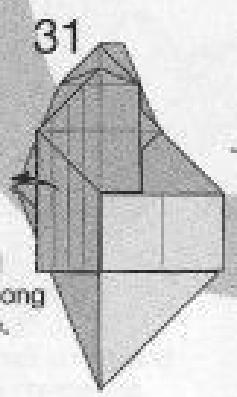
Fold and unfold.

30



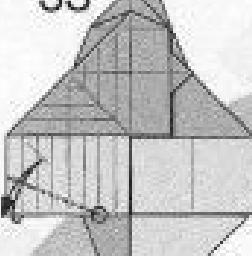
Fold and unfold.

31



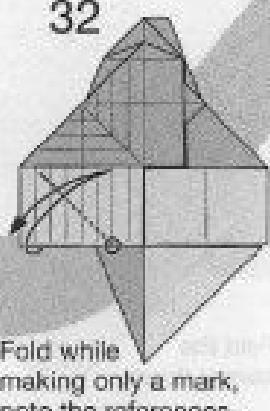
Fold and unfold along the edge.

33



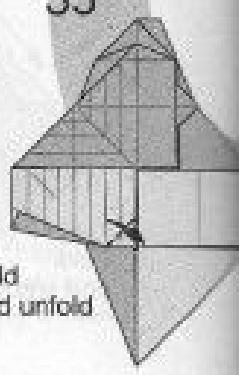
Valley fold the edge up.

32

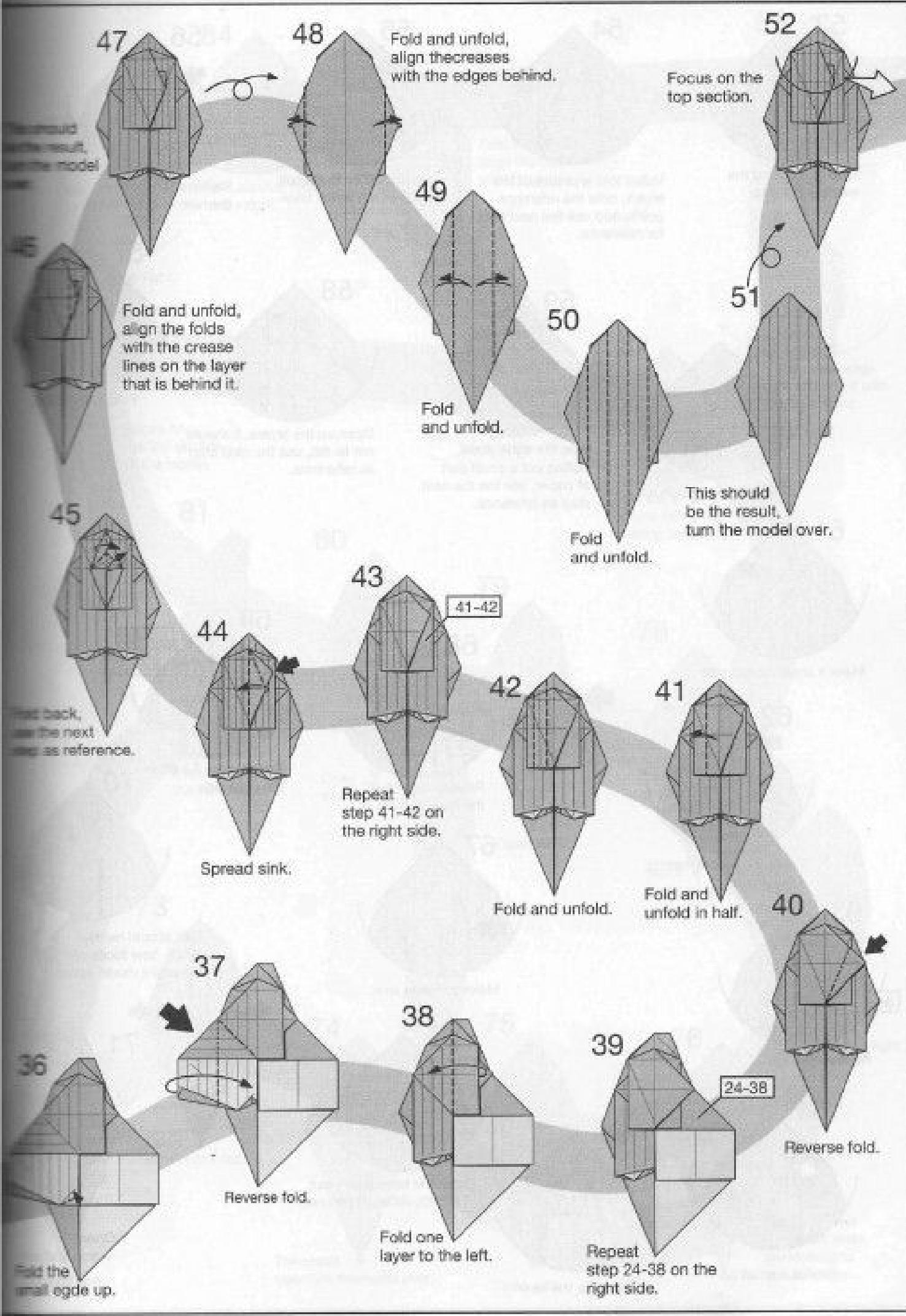


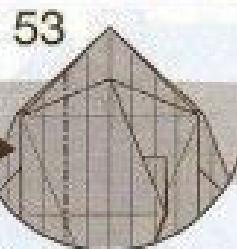
Again, make only a mark using the references.

35

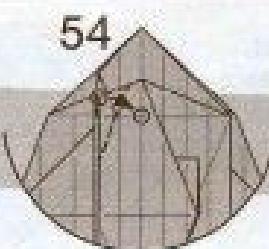


Fold and unfold.





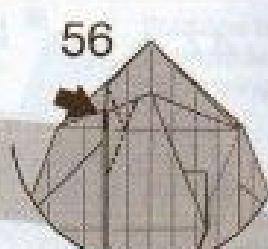
Open sink using the existing creases.



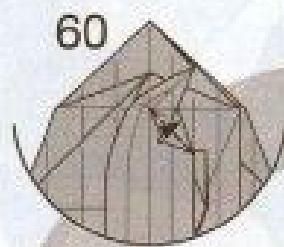
Valley fold and spread the layers, note the reference points and use the next step for reference.



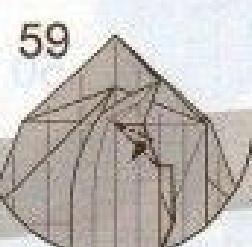
This should be the result, now fold the layers back.



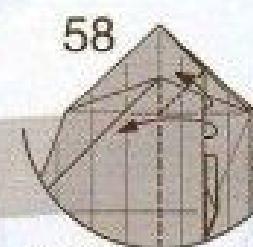
Perform an open sink, see the next step for the result.



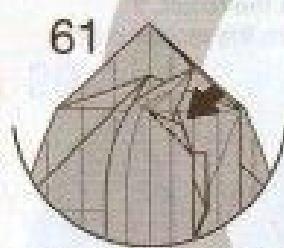
Fold the small edge up.



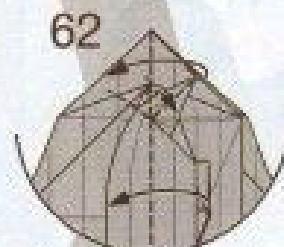
Fold the edge down, pulling out a small part of paper, use the next step as reference.



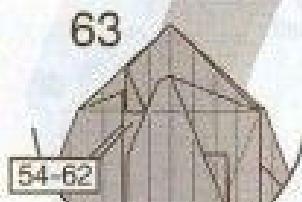
Open up the layers, it should not lie flat, use the next step as reference.



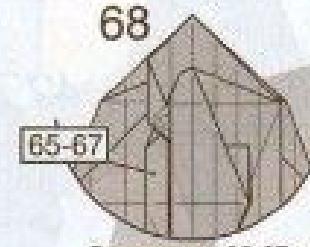
Make a small closed sink.



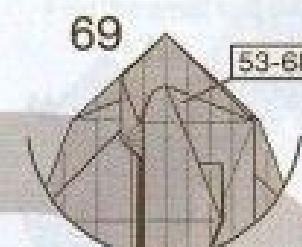
Close the model making it flat again.



Repeat step 54-62.



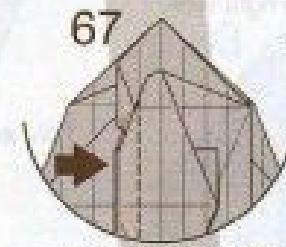
Repeat step 65-67 on the layer behind.



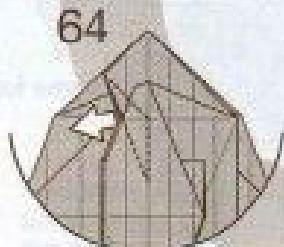
Repeat step 53-68 in the right side.



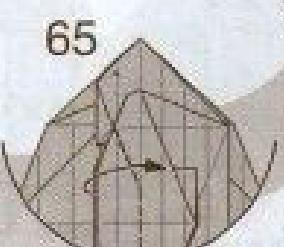
This should be the result, now focus on the entire model again.



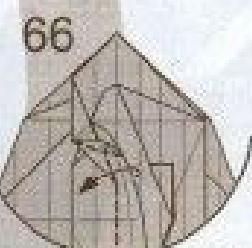
Make a closed sink.



Unsink a small tip.



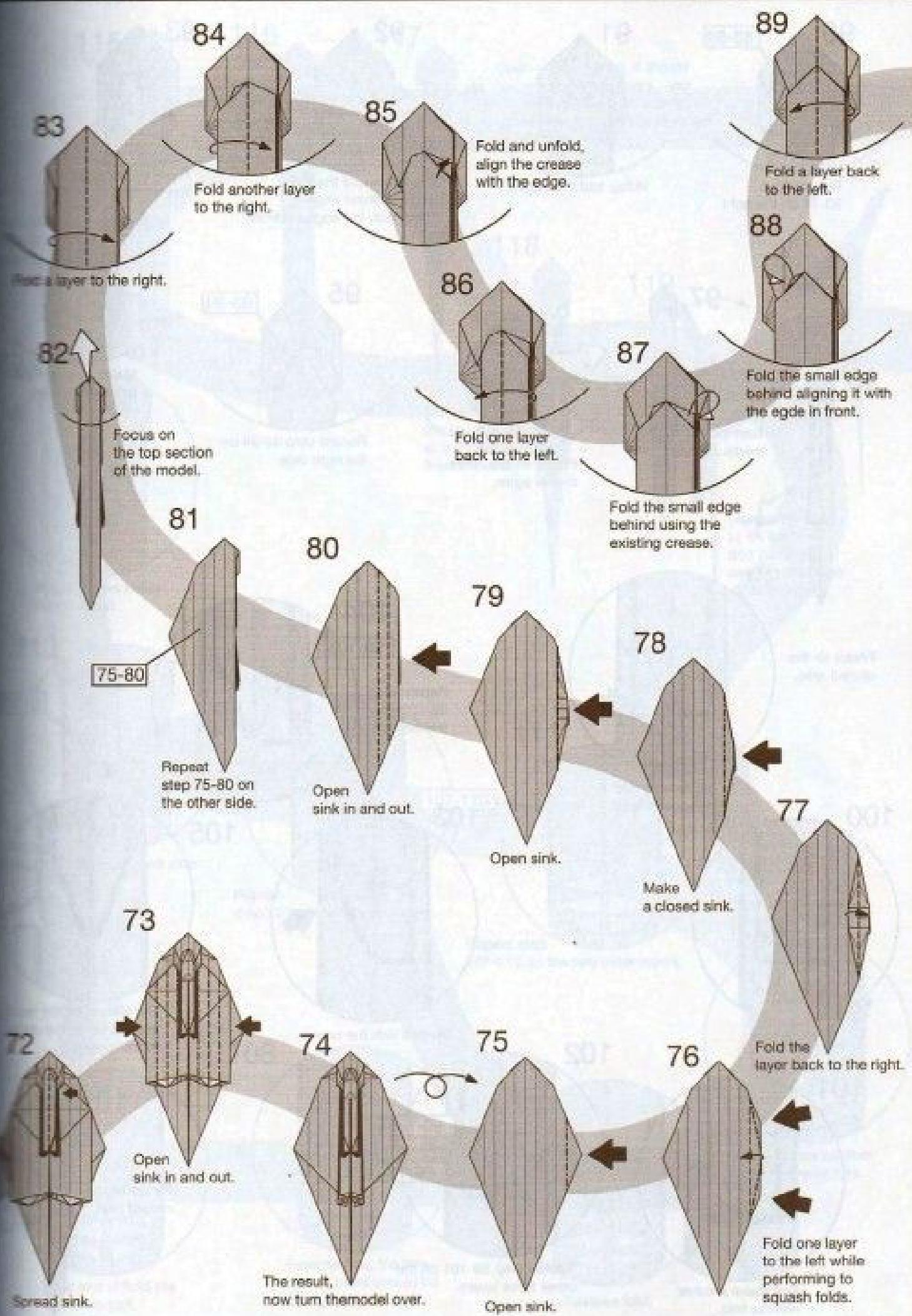
Open up the layer.



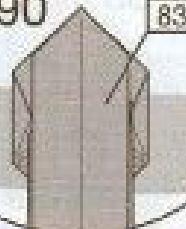
Close the layer again, but in slightly different manner.



Open sink in and out.



90



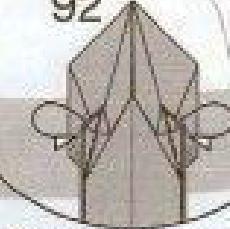
Repeat step 83-89 on the right.

91



Valley fold the edges.

92



Mountain fold the small edges behind aligning them with the edges in front.

93



Reverse the small hidden flap.

94



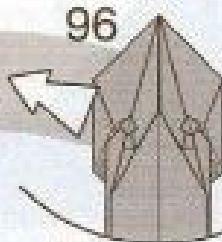
Make a square fold to form the eye.

97



Turn the model over.

96



Focus on the entire model again.

95



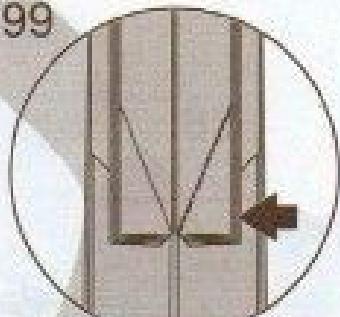
Repeat step 93-94 on the right side.

98



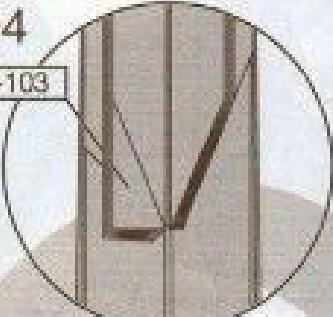
Focus on the circled area.

99



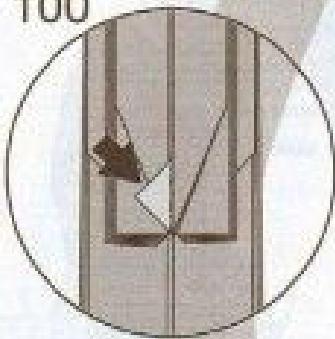
Align the reverse fold with the edge in front.

104



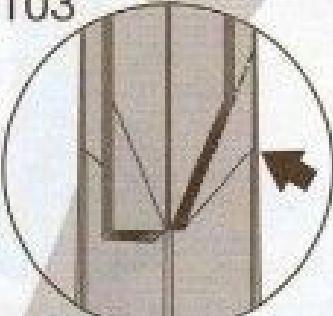
Repeat step 99-103 on the left side.

100



Reverse fold.

103



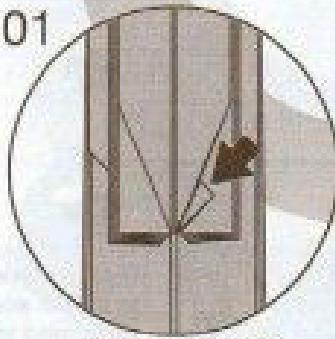
Spread sink the corner.

105



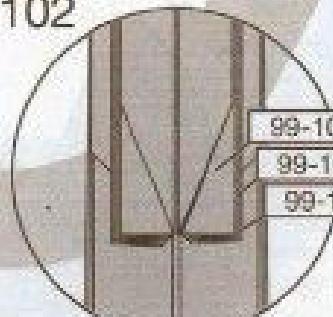
The should be now focus on the model again.

101



And make another reverse fold.

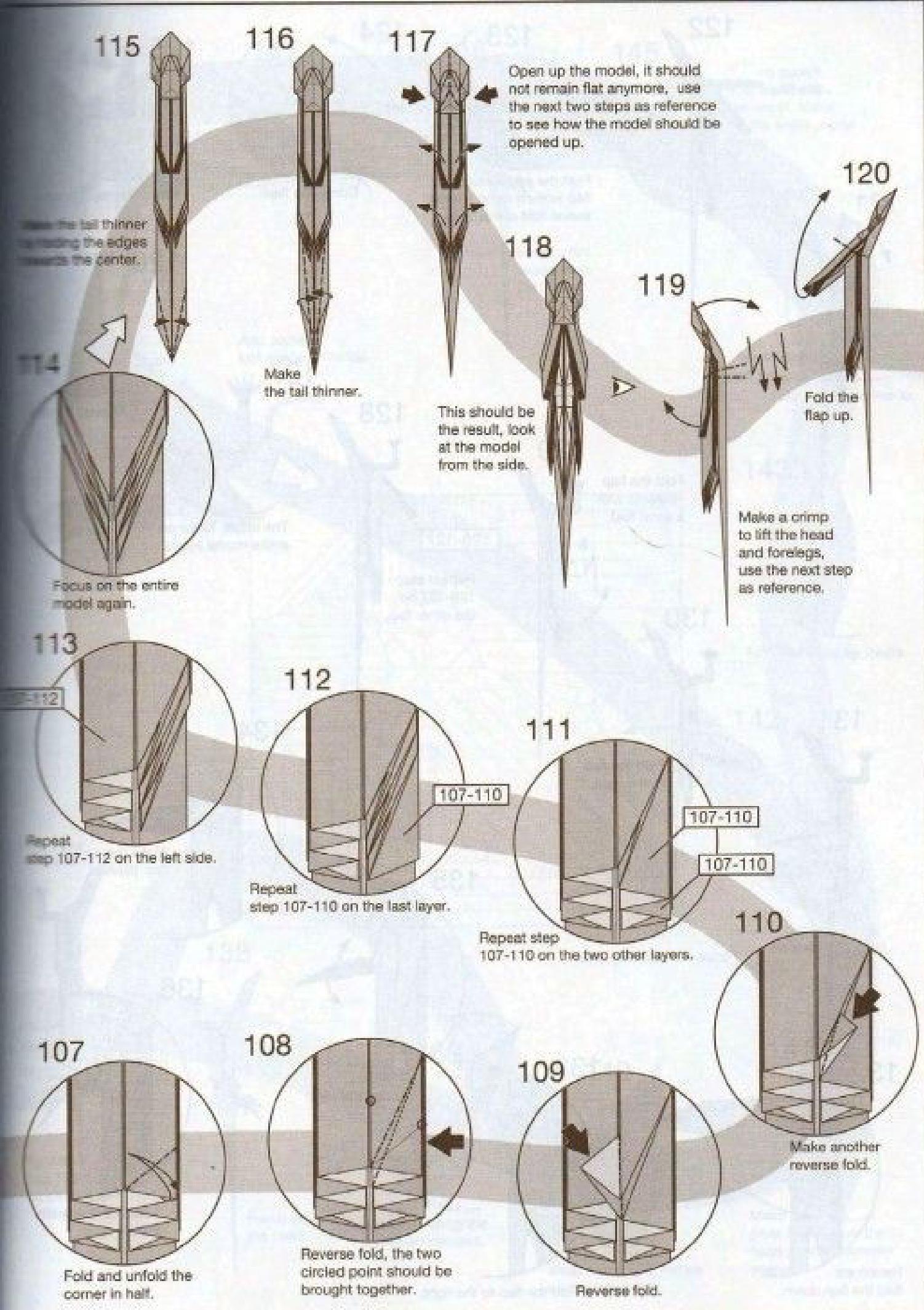
102

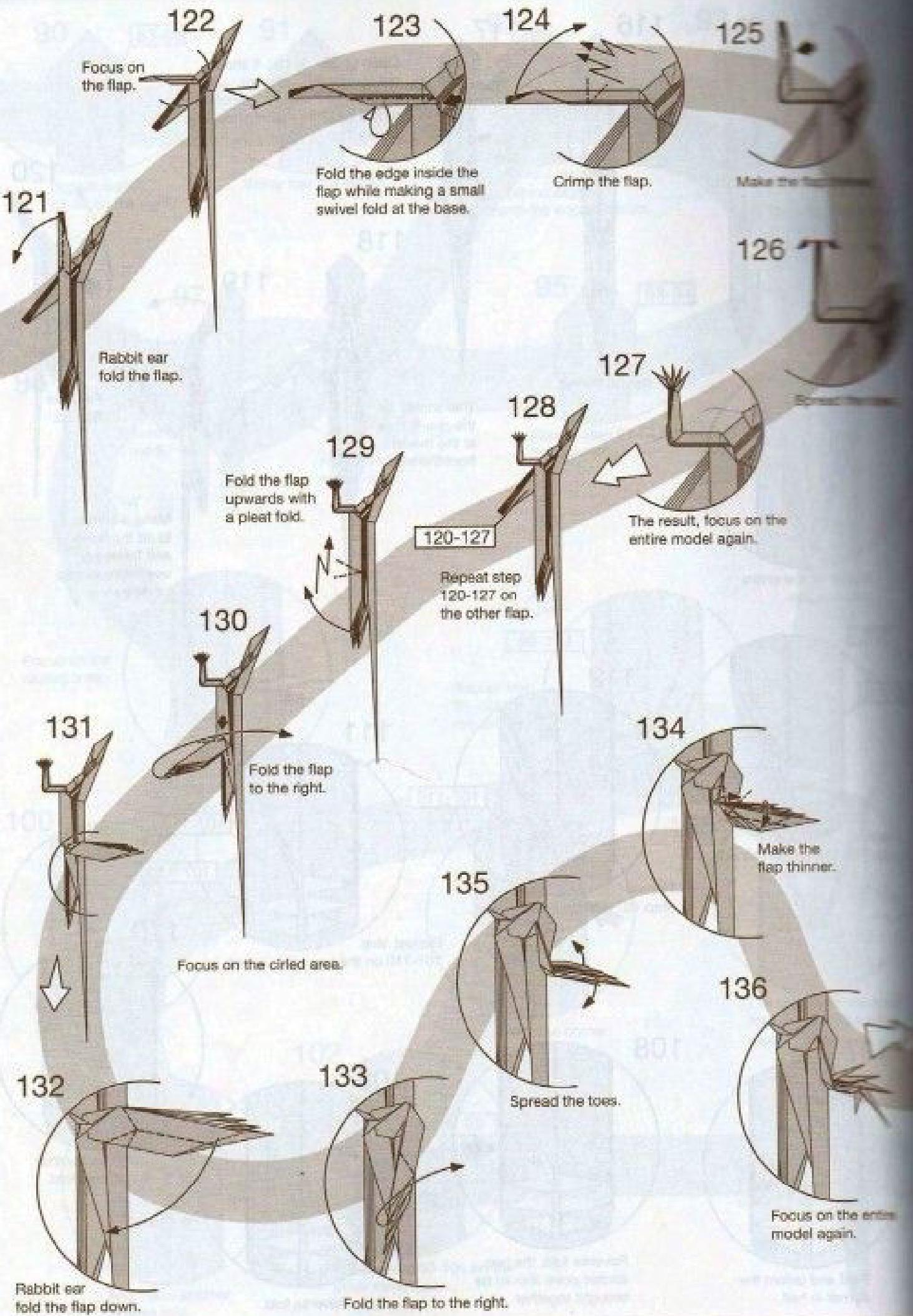


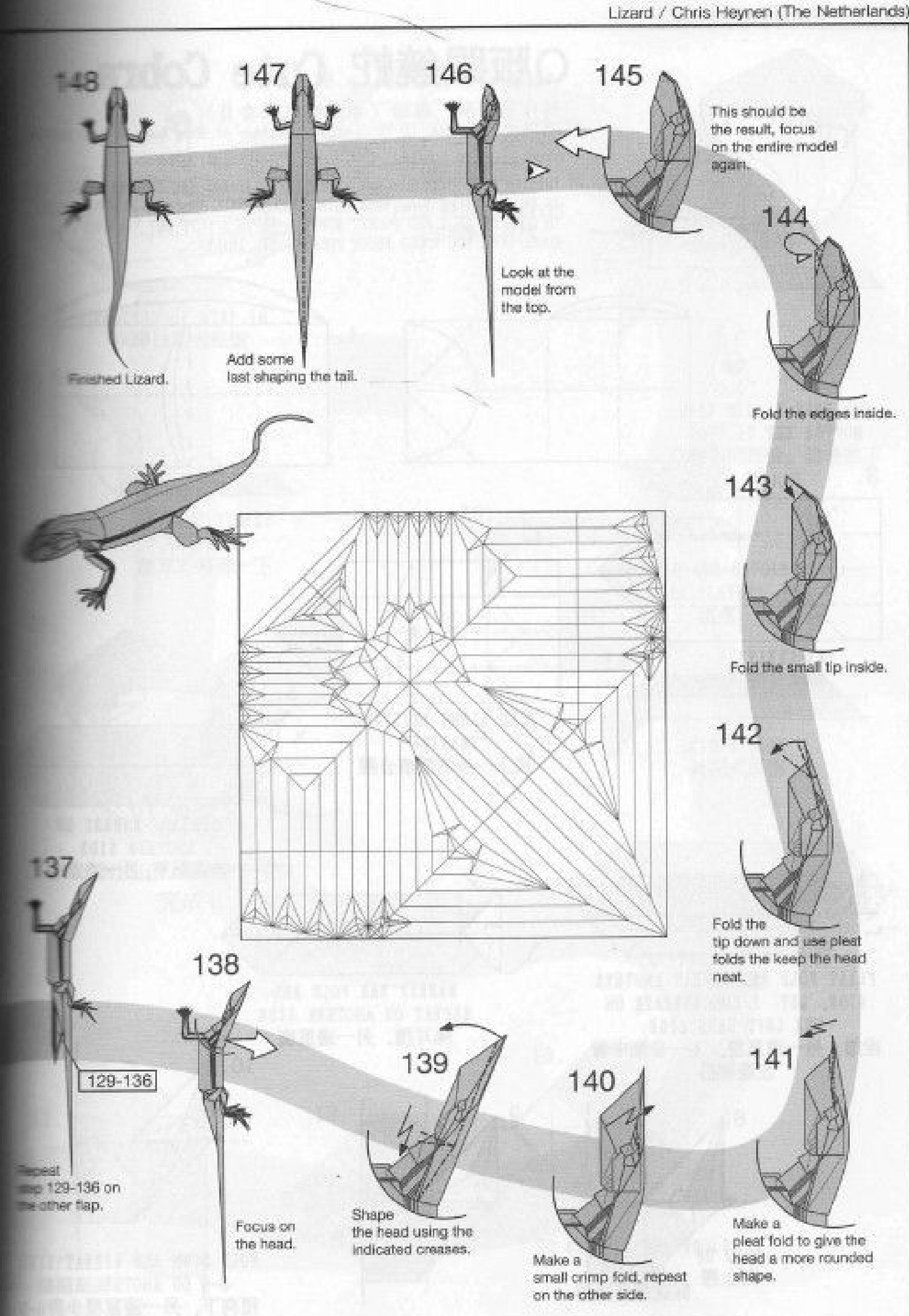
Repeat step 99-101 on the other three layers.

106

Focus on the circled part.







Q版眼鏡蛇 Cute Cobra

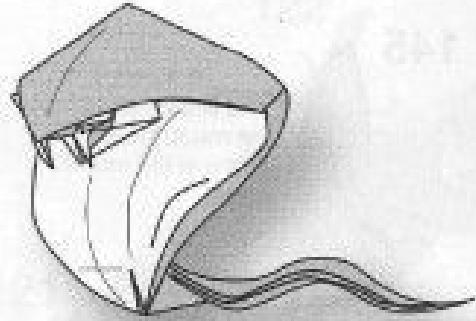
創作及圖解：羅瑜（香港摺紙社委員）

CREATOR & DIAGRAM: LO YU (Cylo33) (Committee of Hong Kong Origami Society)

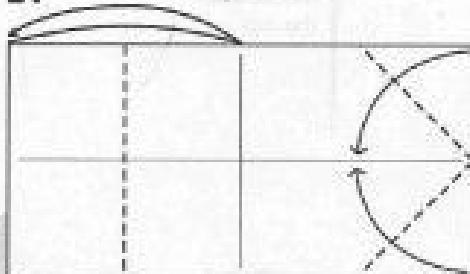
PAPER - 1:2 OR LONGER

作: 2013-01 圖: 2014-05

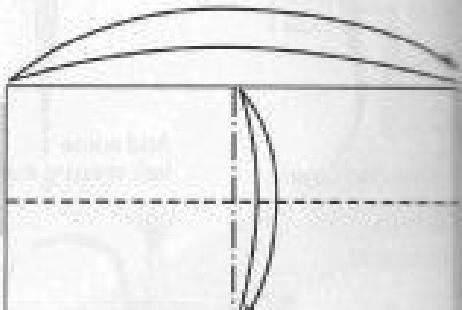
THIS IS MY FOURTH DIAGRAM. I DESIGNED IT FOR THE YEAR OF SNAKE. IT IS QUITE INTERESTING WHEN USING DOLLAR BILL TO FOLD IT AND GIVE IT TO SOMEONE AS A RED POCKET MONEY. IT IS A CUTE BUT VIOLENT MODEL-HOPE YOU WOULD ENJOY FOLDING IT. THANKS.



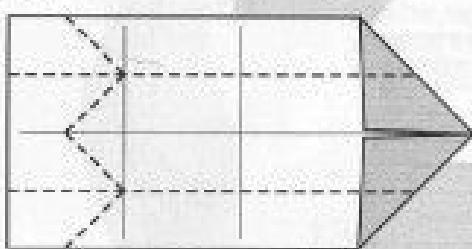
2.



1.

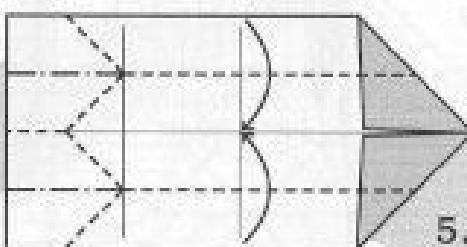


3.



PRE-CREASE
預摺摺痕

4.



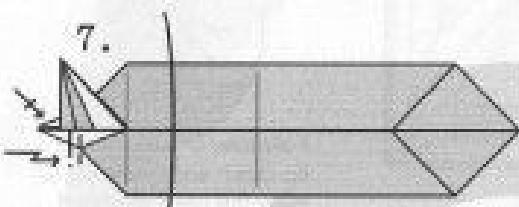
FOLD ALONG EXISTING
CREASES
按上一步的摺痕合攏

5.



Spread, repeat on
another side
撲開壓平，另一邊重複

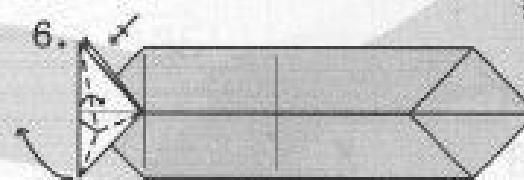
7.



PLEAT FOLD AND REPEAT ANOTHER
SIDE, LET'S CONCENTRATE ON
THE LEFT HAND SIDE

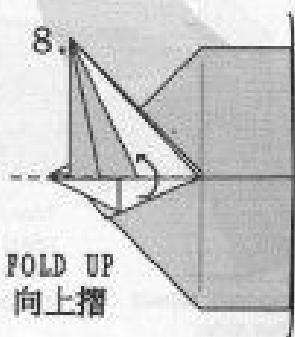
段摺，另一邊重複，下一步集中看
左邊部份

6.



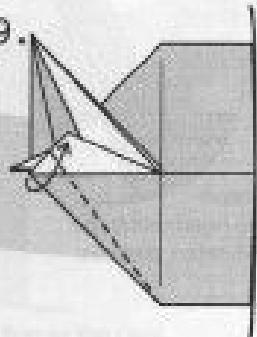
RABBIT EAR FOLD AND
REPEAT ON ANOTHER SIDE
兔耳摺，另一邊重複

8.

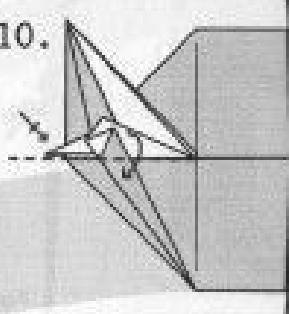


FOLD UP
向上摺

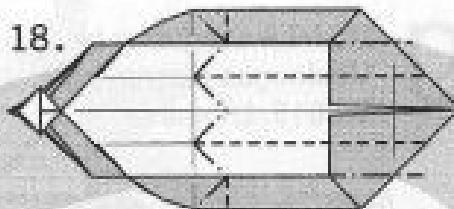
9.



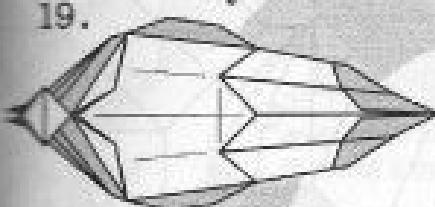
10.



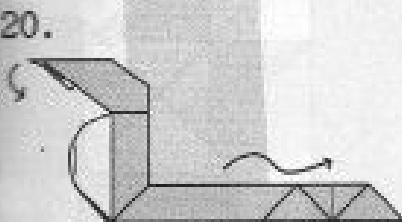
FOLD DOWN AND REPEAT STEPS
8-9 ON ANOTHER SIDE
摺向下，另一邊重複步驟8-9



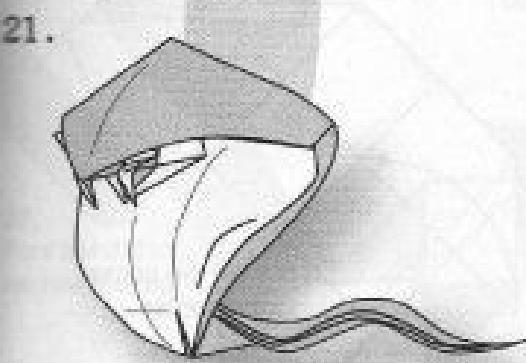
18.
FOLD ALONG CREESES
按摺線山谷摺



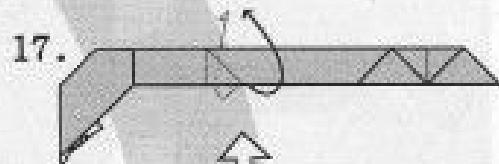
19.
PROCESS OF STEP 18
步驟18的過程圖



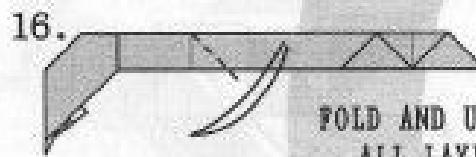
20.
DO SOME SIMPLE
SHAPING
簡單的整形一下



21.
FINISHED! ENJOY IT!
完成!



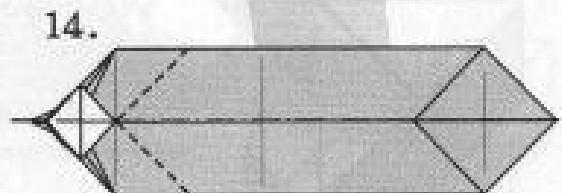
17.
OPEN MIDDLE PART AND
LOOK AT THE BOTTOM
打開中間部份，然後從下
看上去



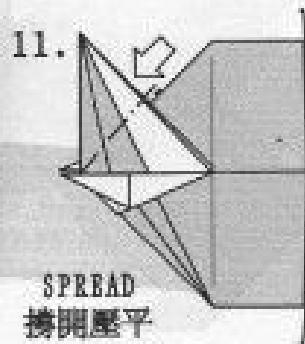
16.
FOLD AND UNFOLD
ALL LAYERS
預摺



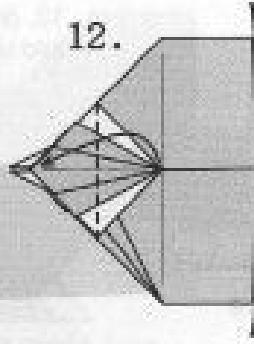
15.
CLOSE SINK
封閉式沉摺



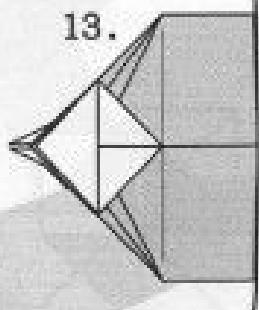
14.
OUTSIDE REVERSE FOLD
外疊摺



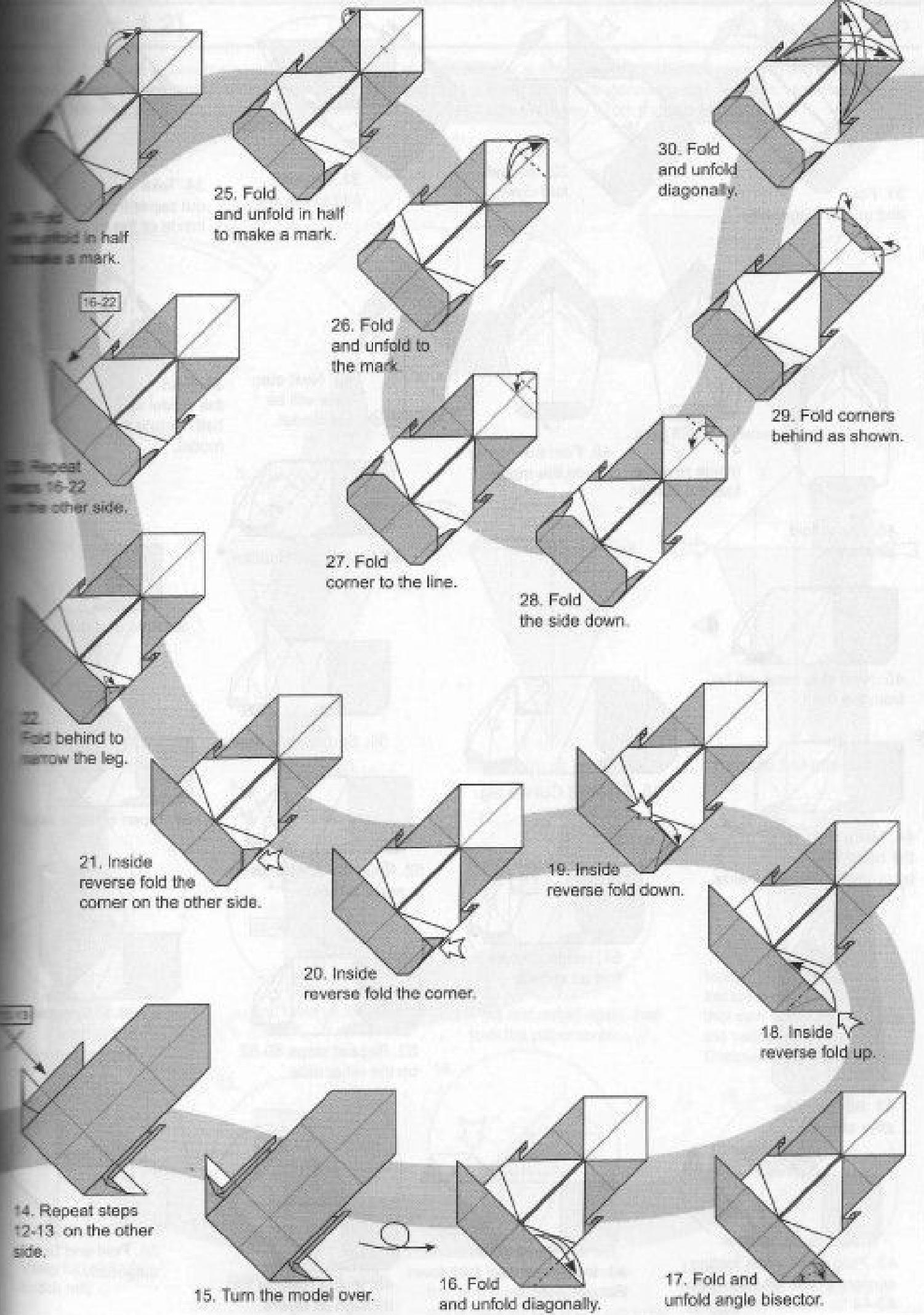
11.
SPREAD
擴開壓平

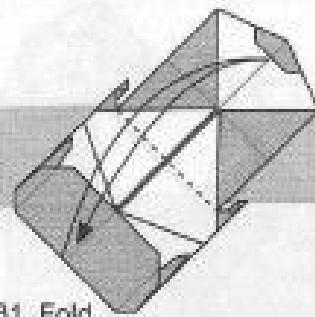


12.

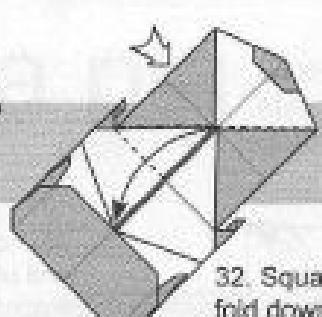


13.
GO BACK TO THE WHOLE
PICTURE
回到整體畫面

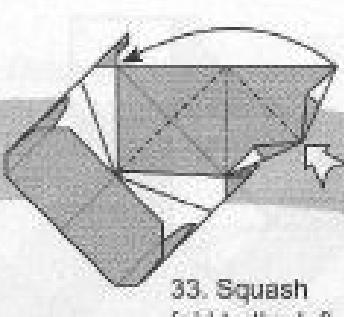




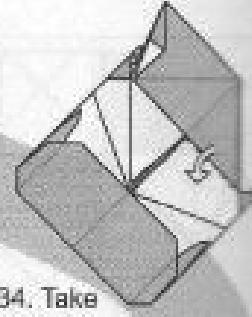
31. Fold and unfold diagonally.



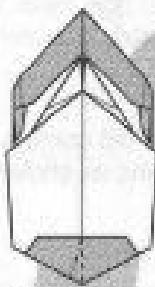
32. Squash fold down.



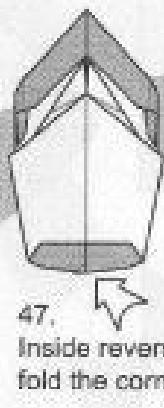
33. Squash fold to the left.



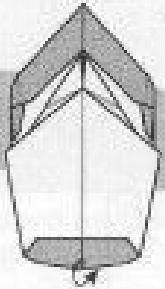
34. Take out paper from the inside of the model.



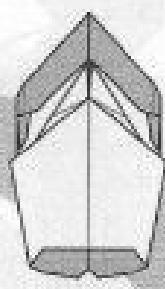
46. Crimp fold as shown.



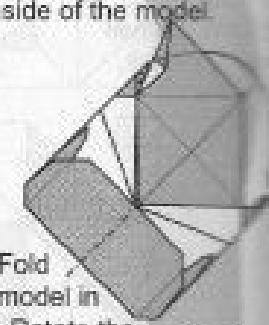
47. Inside reverse fold the corner.



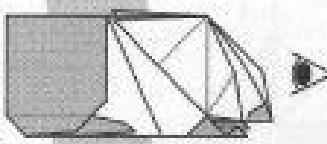
48. Fold the corner inside the model.



49. Next step view will be full model.



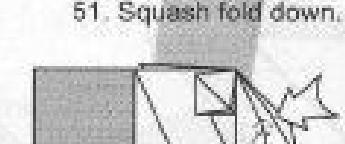
35. Fold the model in half. Rotate the model.



45. Next step view will be from the front.



44. Make the head 3D by pushing from the inside.



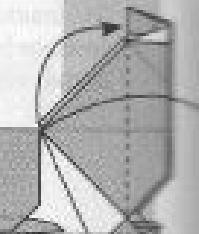
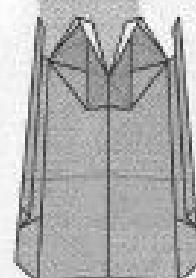
54. Inside reverse fold as shown.



55. Finished Guinea pig.



37. Open sink the side.

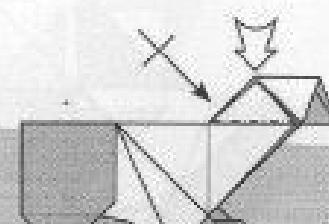


38. Fold corner to the right. Repeat behind.

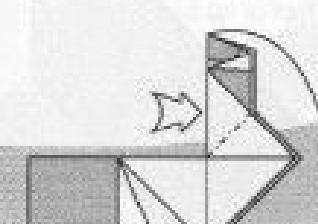
43. Bottom view after step 42.



42. Fold down while folding corners to the left. See steps 43-44 for result.



41. Inside reverse fold down. Repeat behind.



40. Inside reverse fold through all layers.

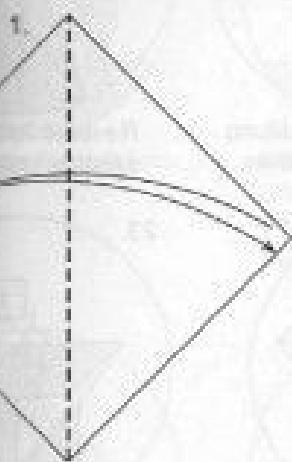


39. Fold and unfold diagonally.

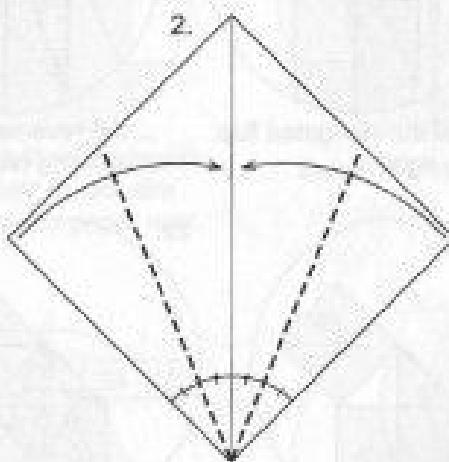
Rat (Ver. 1.2)

© Ronald Koh - 2013

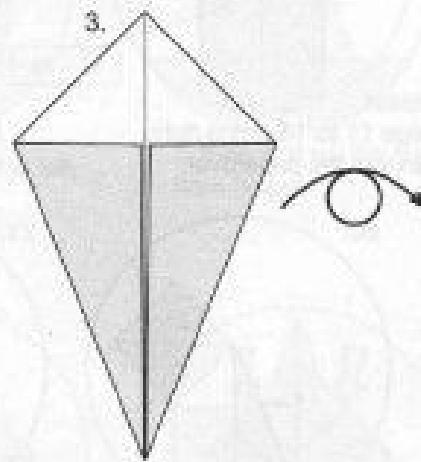
The rat can be folded to assume a variety of postures. Only one posture is shown here for simplicity, leaving the rest to your preference and imagination. The rat can be folded from a 15cm square of standard origami paper. However, it is best done with a larger square. A square of 25cm produces a rat of approximately 17cm from tip of nose to tail.



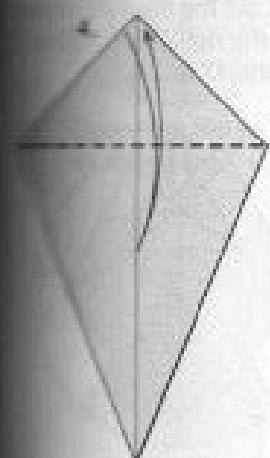
Fold and unfold.



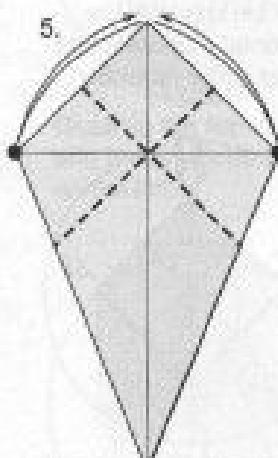
Two valley folds, ...



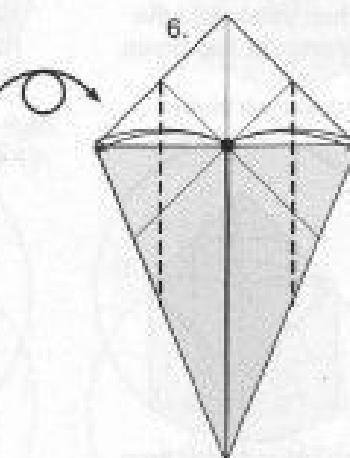
... then turn the paper over



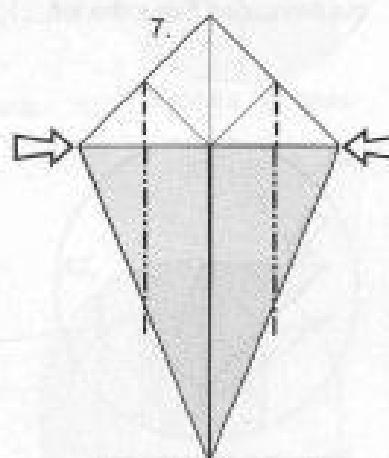
... and un fold again, ...



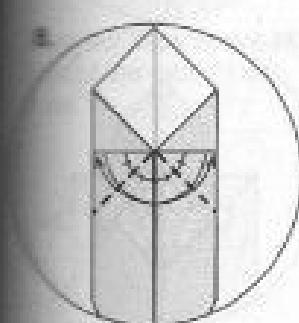
... and again, ...



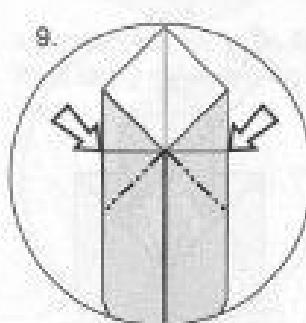
... and again, as illustrated.



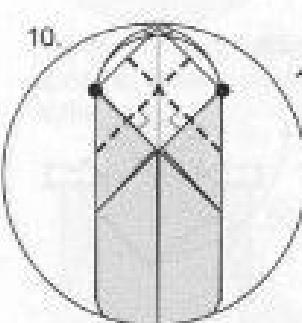
Reverse fold both sides.



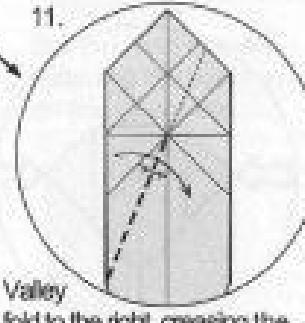
Fold and unfold,



... and reverse fold again.

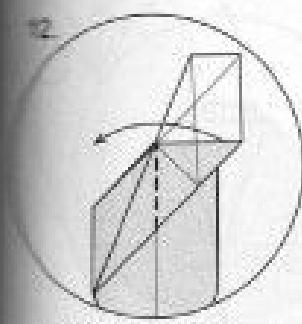


Fold and unfold again, then turn the paper over.

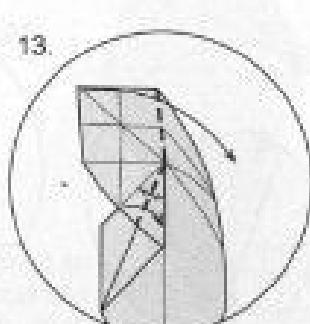


Valley fold to the right, creasing that part of the paper along the valley fold lines only.

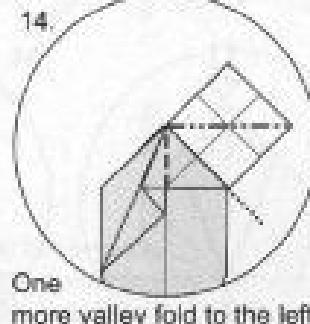
Crease Steps 11 to 14 firmly



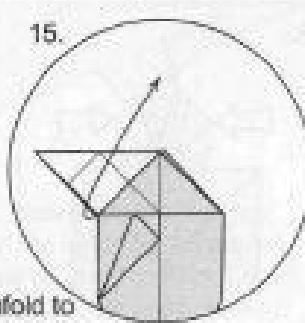
Valley fold vertically to the left, ...



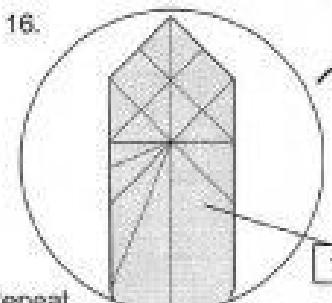
... then to the right again.



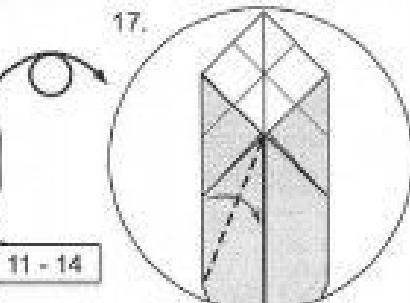
One more valley fold to the left, and the horizontal mountain fold and diagonal valley fold at the back should occur naturally.



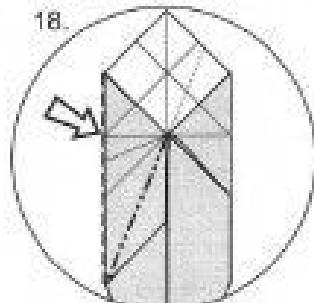
Unfold to the position at the beginning of Step 11.



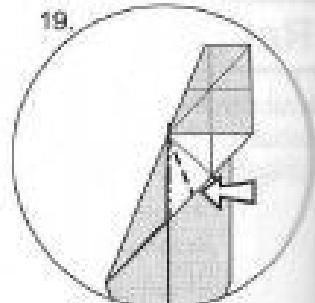
Repeat
Steps 11 to 14 on the right,
then turn the paper over.



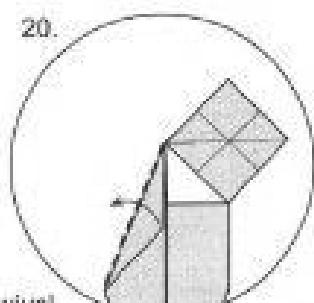
17.
Swivel the elongated flap
to the right, ...



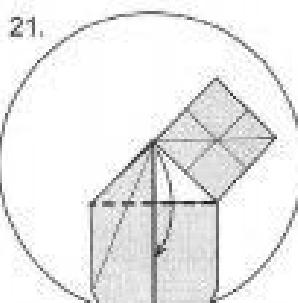
18.
... the reverse fold along
existing crease lines.



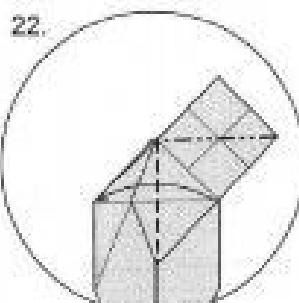
19.
Reverse fold again, along
existing crease lines.



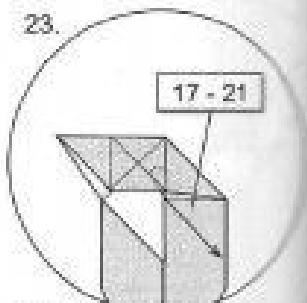
20.
Swivel
the elongated flap to the left, ...



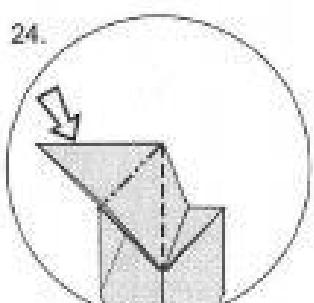
21.
... then valley fold the
triangular flap down.



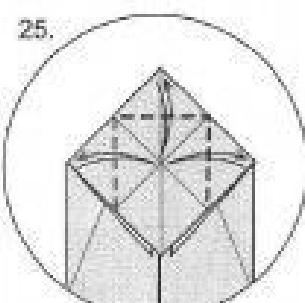
22.
Valley fold to the left. The
horizontal mountain fold
should occur naturally



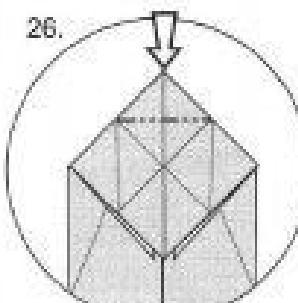
23.
Lift out the trapped layers
on the right, then repeat
Steps 17 to 21.



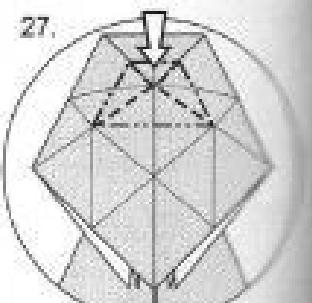
24.
Squash fold at the top
and unfold the layer on
the right.



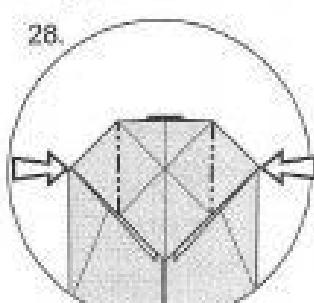
25.
Valley fold and unfold three
times, creasing firmly.



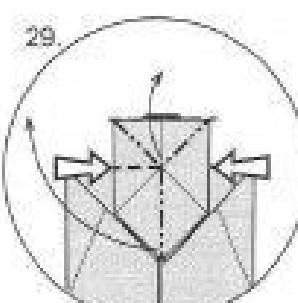
26.
Do a partially open sink
fold at the top, ...



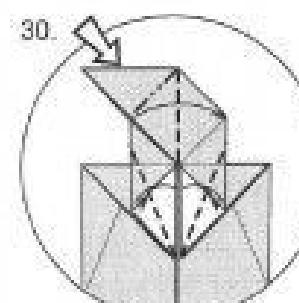
27.
... like this.



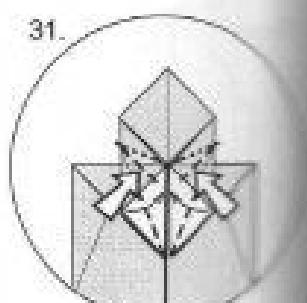
28.
Reverse fold at the sides.



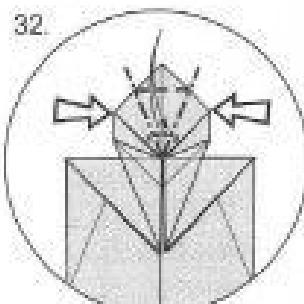
29.
Squash fold at the sides,
bringing the middle to the
top, ...



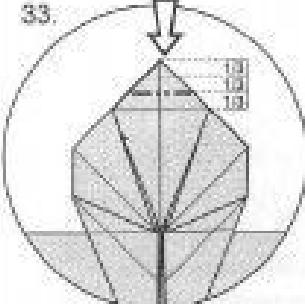
30.
Squash fold at the top, and
fold and unfold at the sides.



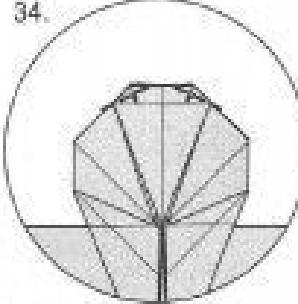
31.
Mountain and va
illustrated.



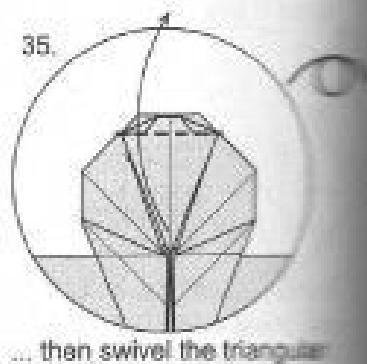
Petal fold.



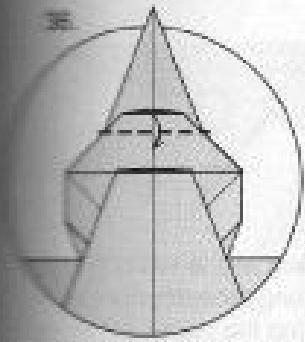
33.
Open sink, about two-thirds
of the height of the triangle.



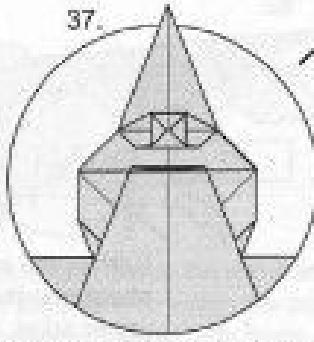
34.
Valley fold at the corners
as illustrated, ...



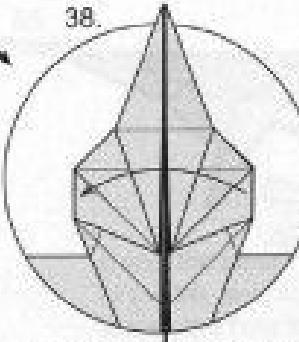
35.
... then swivel the triangle
flap up and turn the paper
over.



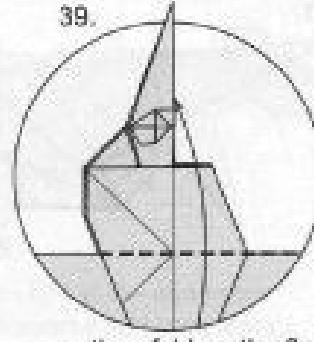
... fold one layer down, ...



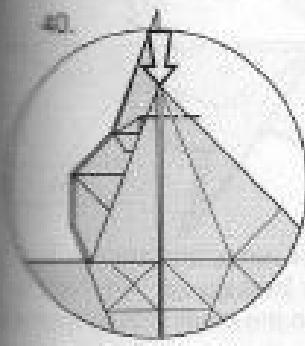
... squash folding the layers underneath to look like this. Turn the paper over again.



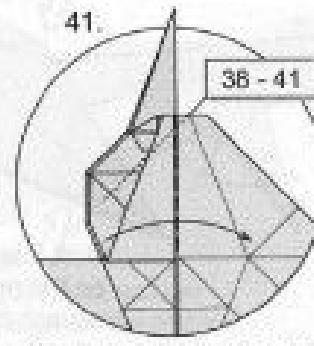
Swivel this flap to the left. ...



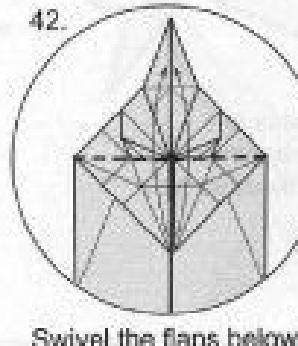
... then fold up the flap from below.



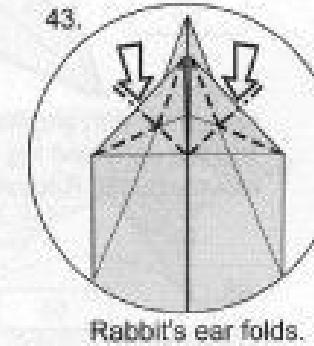
Open sink the tip as illustrated.



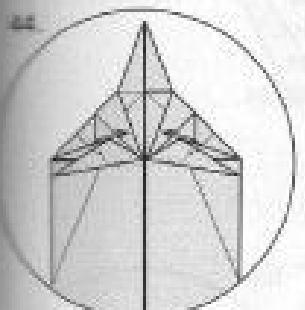
Close up this flap to the right, and repeat Steps 38 to 41 on the left.



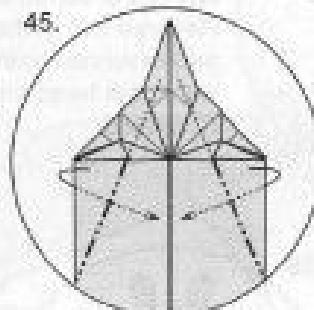
Swivel the flaps below to the top.



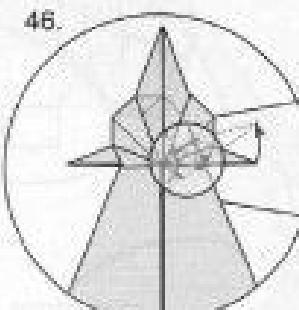
Rabbit's ear folds.



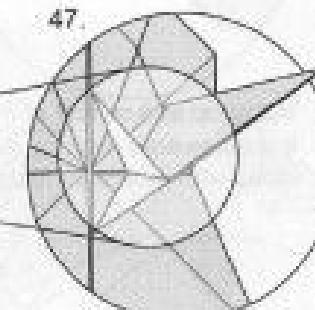
Bring the flaps above in front of the rabbit's ear folds.



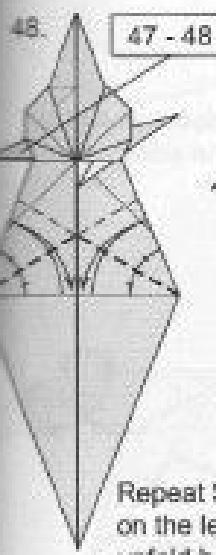
Mountain fold the sides to the front along existing crease lines.



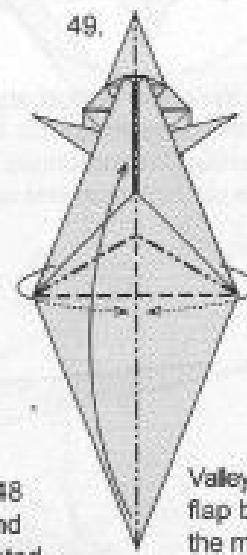
Pull the point on the right upwards, forming pockets at the base, ...



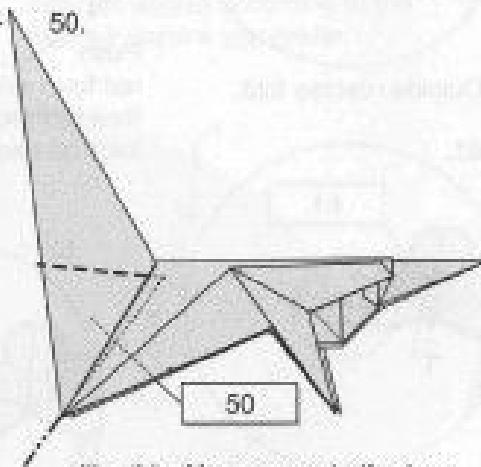
... like this, and thereby flattening the paper evenly on the other side.



Repeat Steps 47 and 48 on the left, then fold and unfold below as illustrated. Turn the paper over

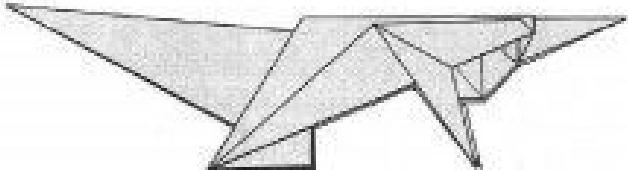


Valley fold the triangular flap below upwards, then fold the model vertically in half along existing crease lines as illustrated, ...



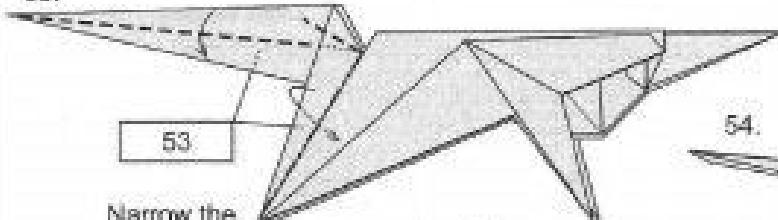
... like this. Now separate the two layers of the long flap on the left, which will be used to form the tail, and swivel it down as illustrated, ...

51.



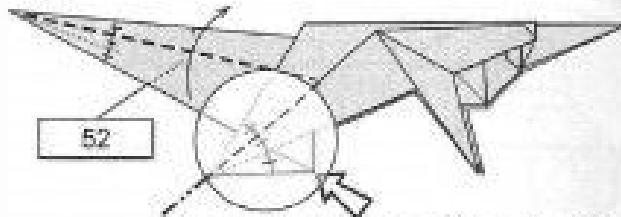
... like this.

53.



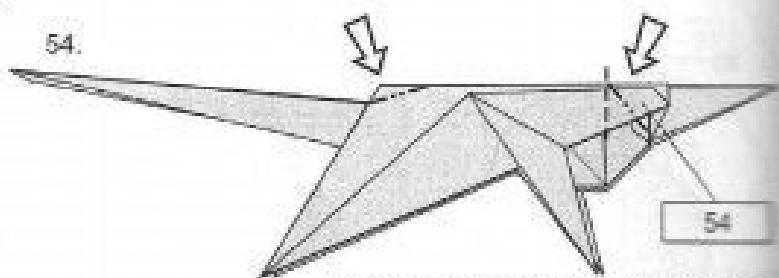
Narrow the tail further with another valley fold, and the right hind leg with another mountain fold. Repeat on the other side.

52.



Narrow the tail piece with a valley fold about one-third along its width from its upper edge, drawing the paper out along the right hind leg proportionately. Repeat on the other side.

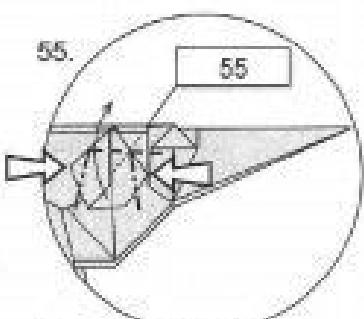
54.



54

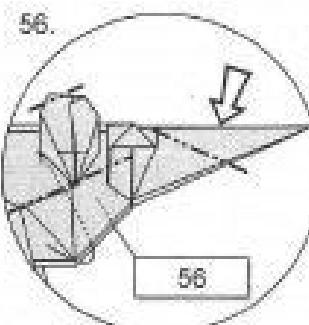
Sink fold at the rump, and squash fold on the right to form an ear. Repeat the squash fold on the other side to form the other ear.

55.



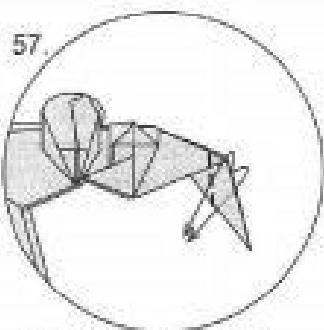
Valley fold as illustrated, at the same time drawing in the sides with mountain folds, ...

56.



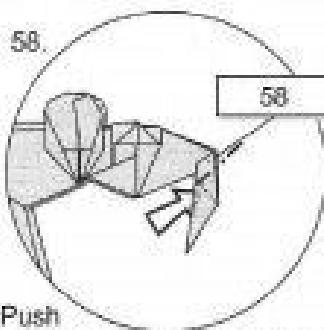
... like this. Continue shaping the ears by mountain folding tips of the corner behind. Reverse fold at the snout, and mountain both sides within the head and neck as illustrated.

57.



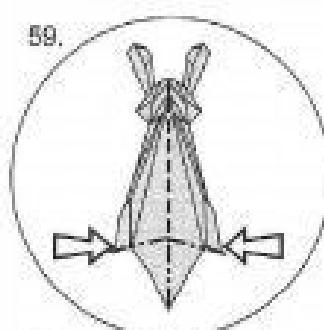
Outside reverse fold,

58.



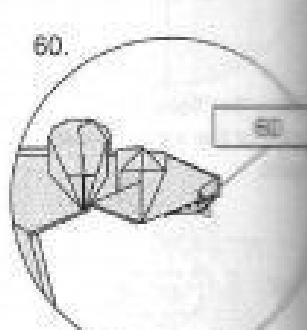
Push out from within, at the same time forming two mountain folds on each side.

59.



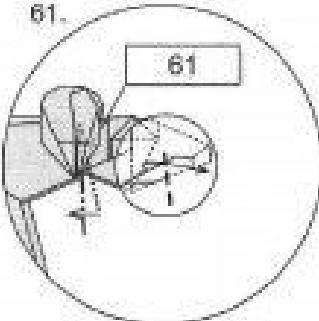
The assembly should appear like this, viewed from the front. Mountain fold horizontally, then close up from each side again.

60.



Mountain fold as the sides, ...

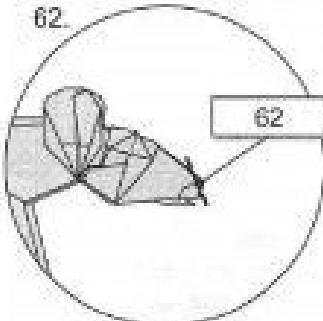
61.



61

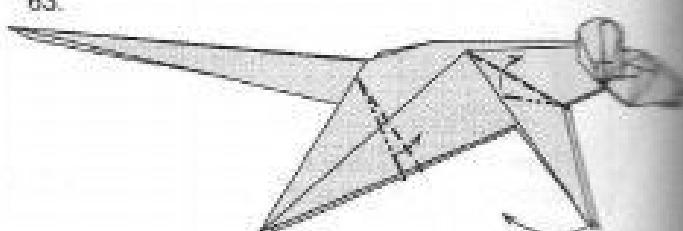
... then valley fold the layer from within the head to form the lower jaw. Crimp fold the base of the head, repeating behind.

62.

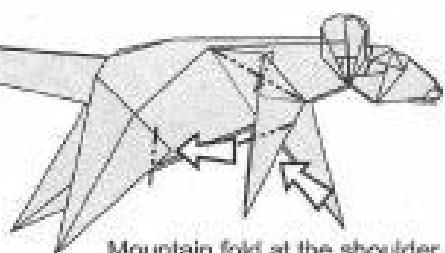


Valley fold, to form the nostrils

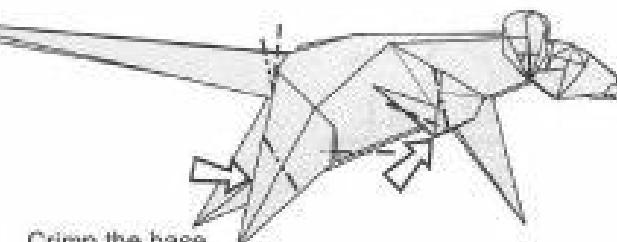
63.



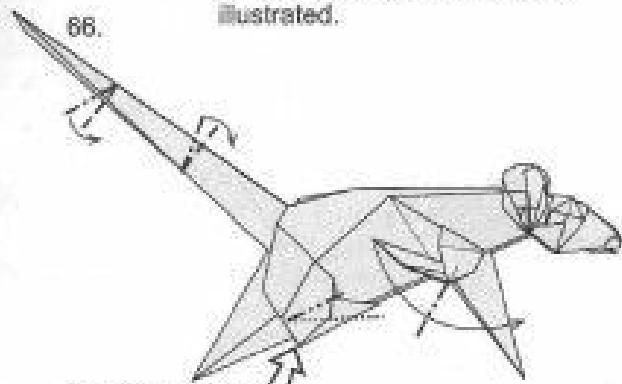
We will now work on the right limb. Crimp fold as illustrated.



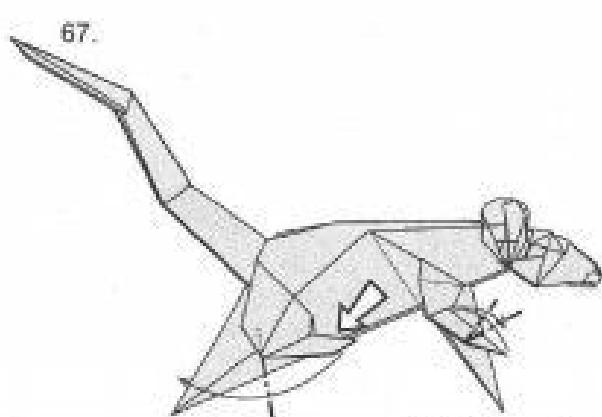
65.
Mountain fold at the shoulder of the fore limb within the pocket, and reverse fold both limbs as illustrated.



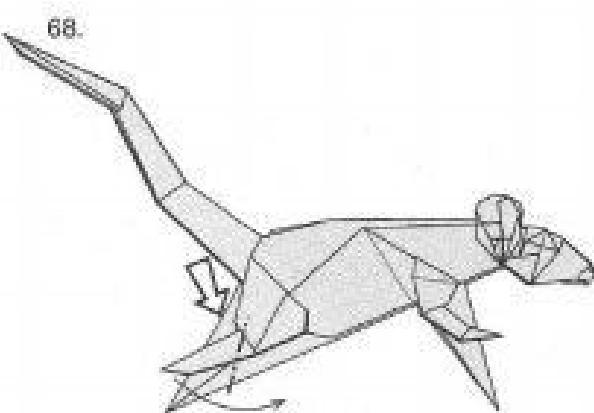
Crimp the base of the tail, and mountain fold at the abdomen to lock the hind limb. Reverse fold both limbs as illustrated.



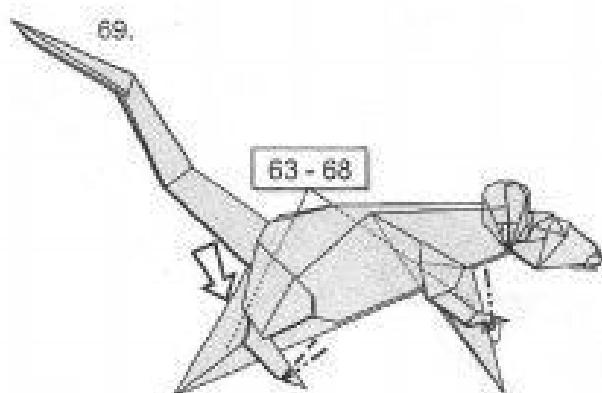
66.
Two more crimps along the length of the tail, and two more reverse folds on the limbs.



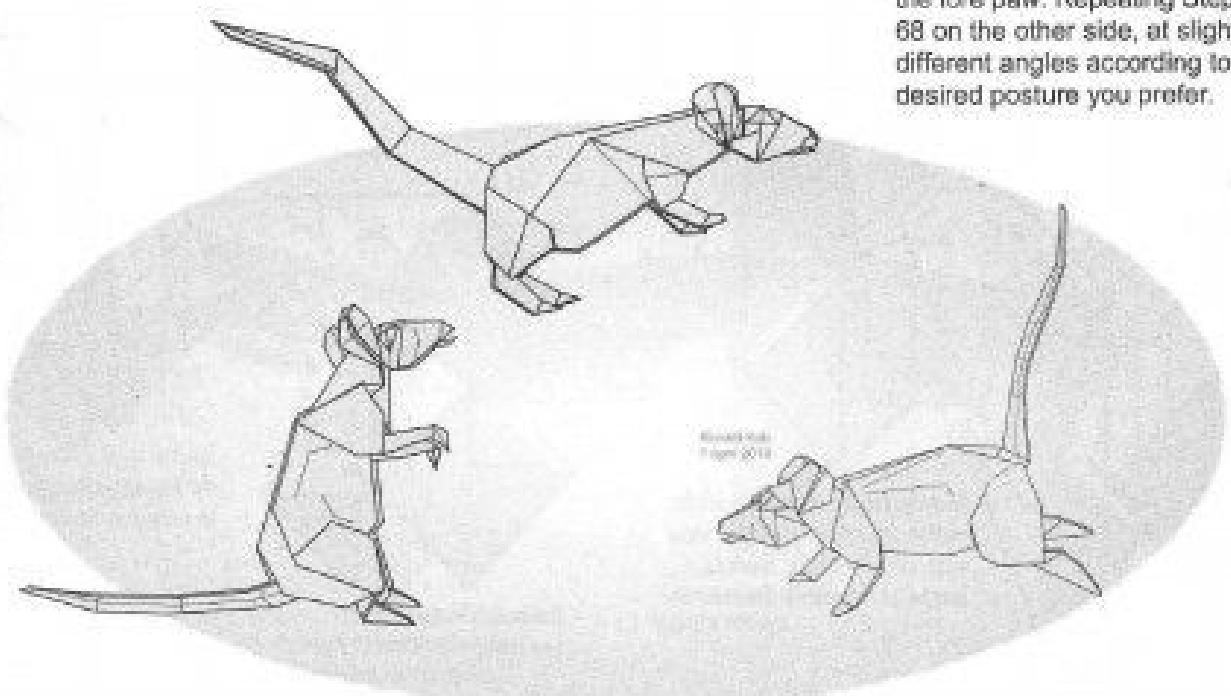
67.
Another reverse fold followed by a crimp fold to the fore paw, ...



68.
... followed by yet another reverse fold to the hind limb.



69.
63 - 68
Finally, a crimp fold to form the hind paw, and a reverse fold at the tip of the fore paw. Repeating Steps 63 to 68 on the other side, at slightly different angles according to the desired posture you prefer.



Original work
Copyright 2011

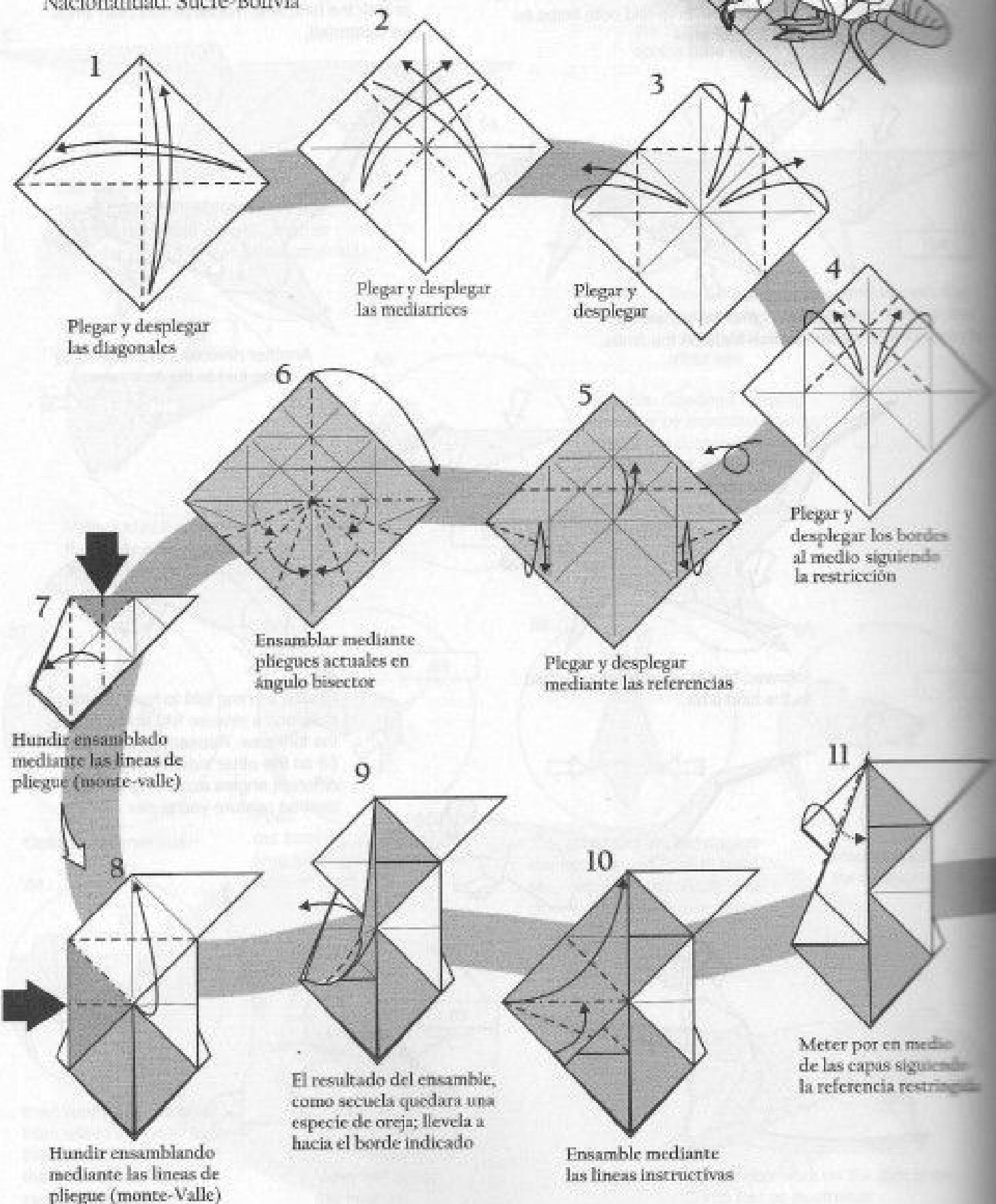
ネズミ Ratón

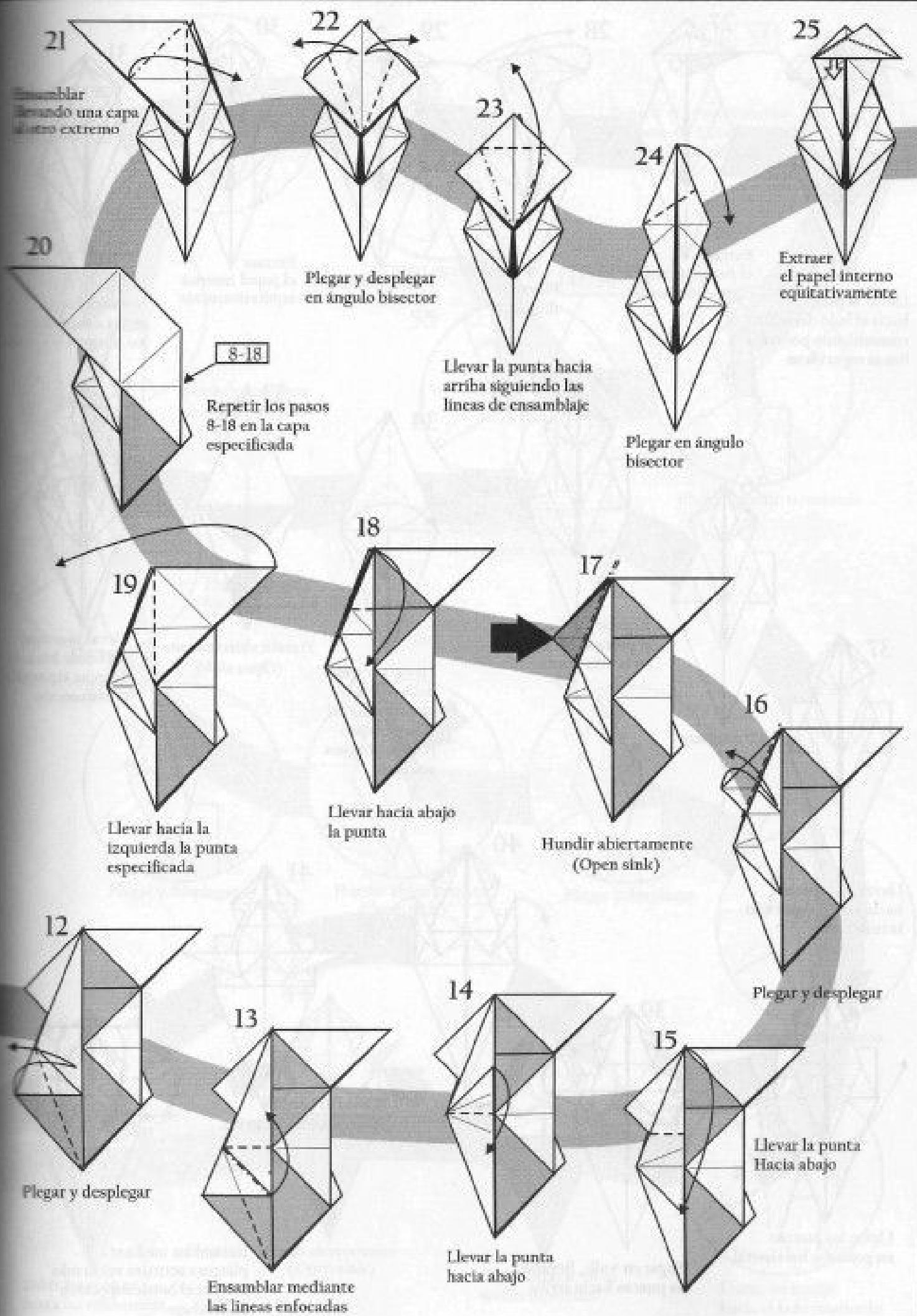
Diseño y diagrama por: Yery J. Astroña

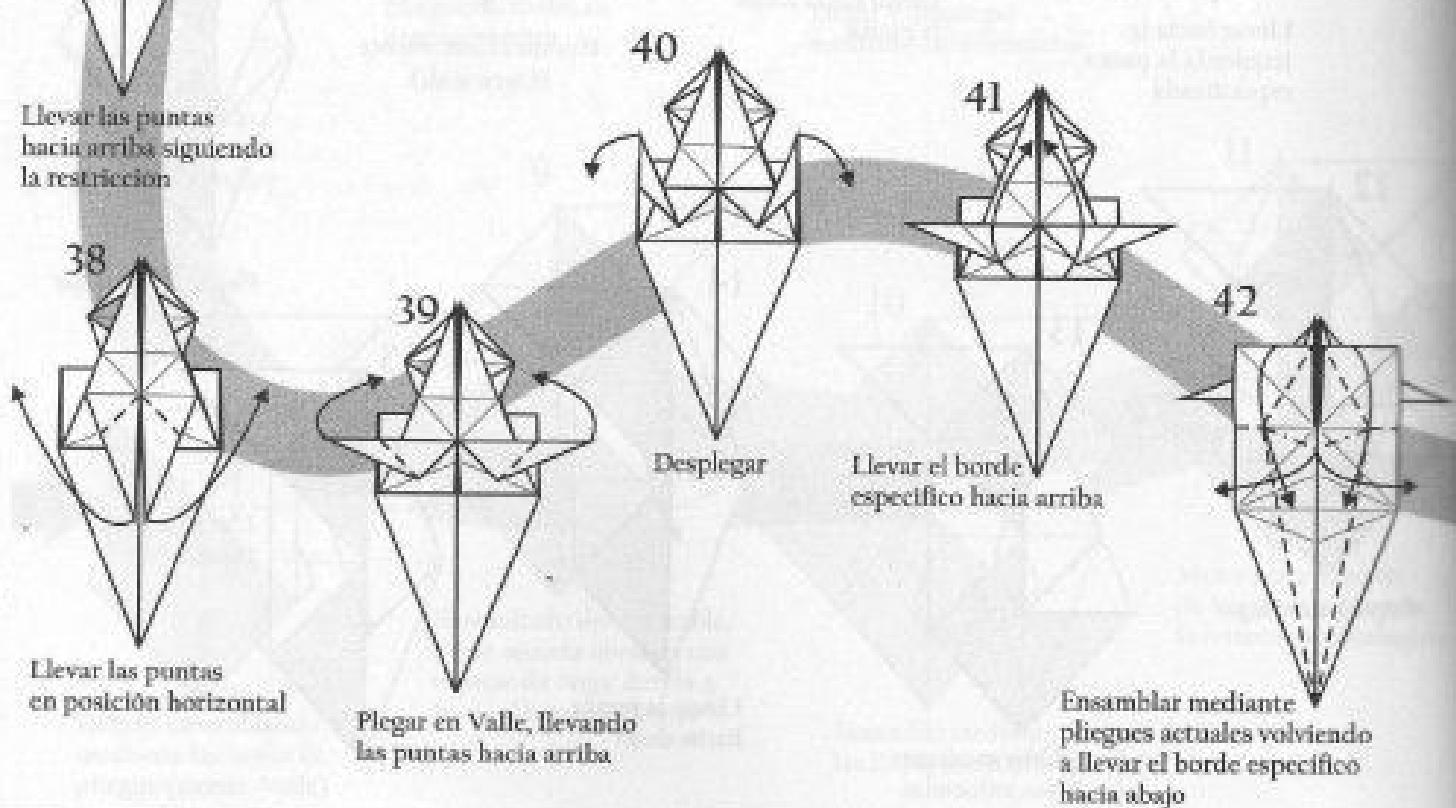
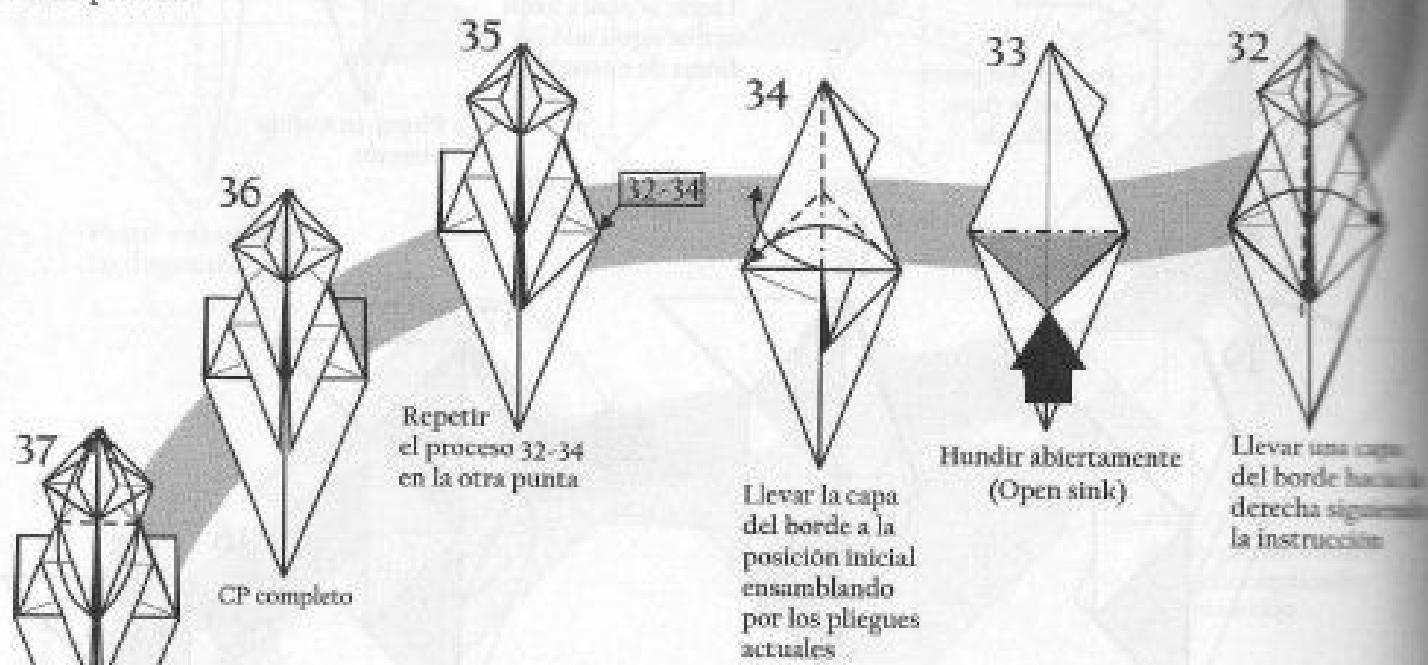
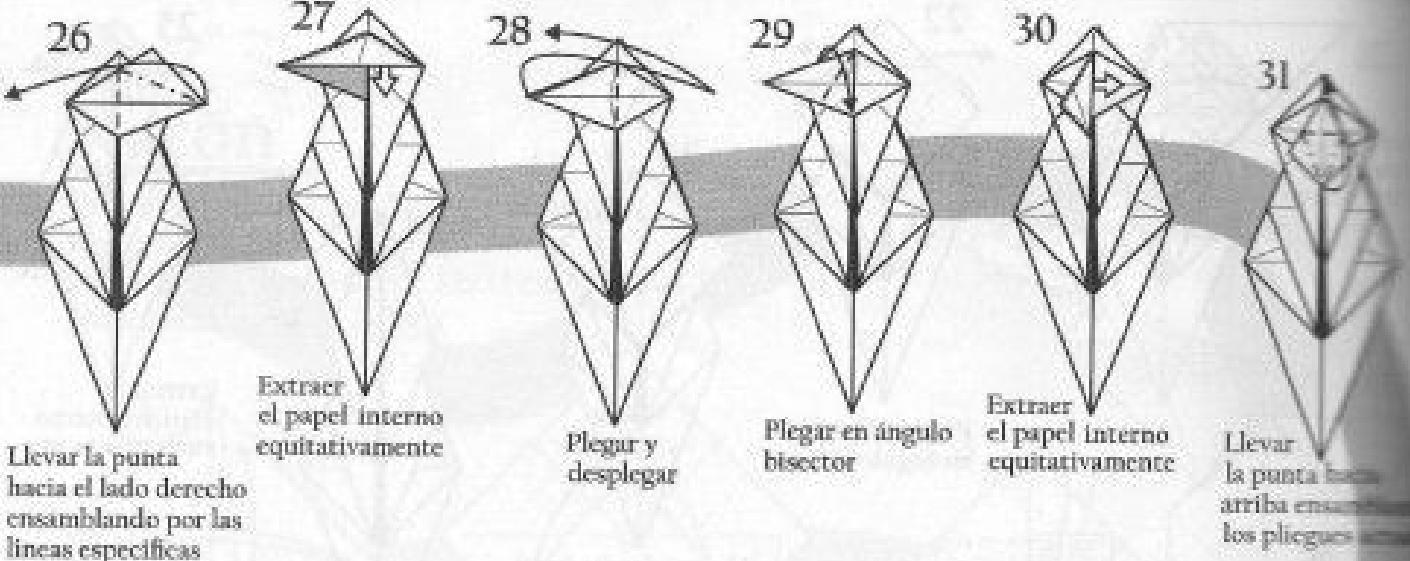
Fecha: 04/11/2013

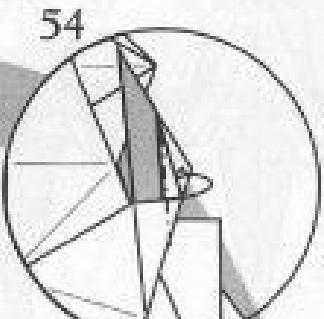
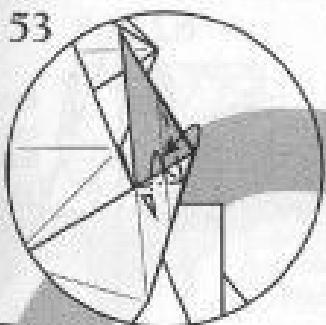
Papel: Kraft Crema+Crepe 33x33 cm-(sandwich)

Nacionalidad: Sucre-Bolivia

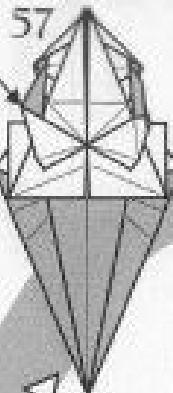




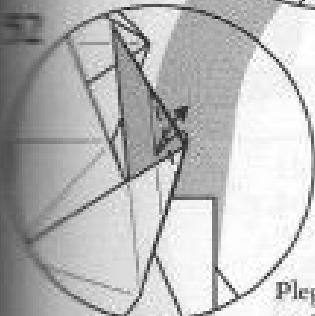




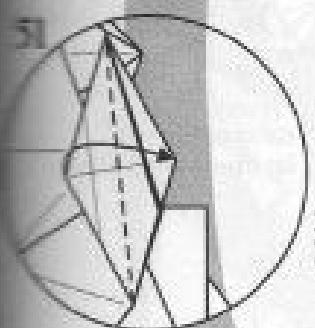
46-55



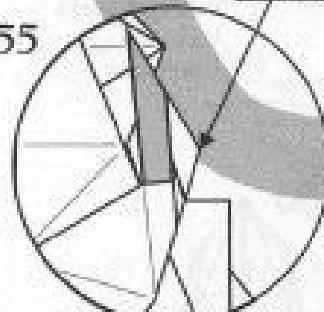
Repetir el procedimiento
del paso 46-55 en la otra
extremidad indicada



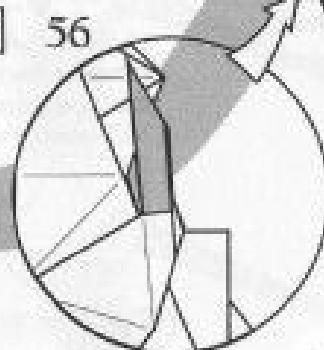
Plegar y desplegar
en ángulo bisector



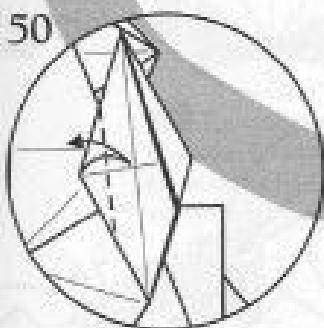
Llevar el borde
hacia la derecha



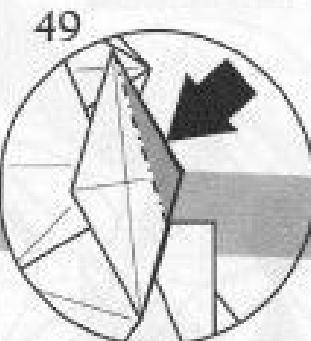
Repetir solo el paso
46 luego el paso 50-54
en el borde especificado



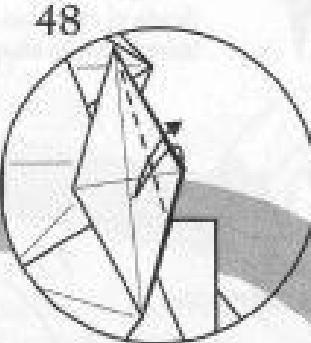
Procedimiento terminado



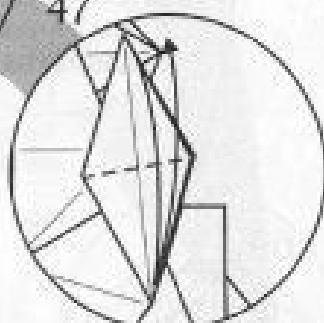
Plegar y desplegar



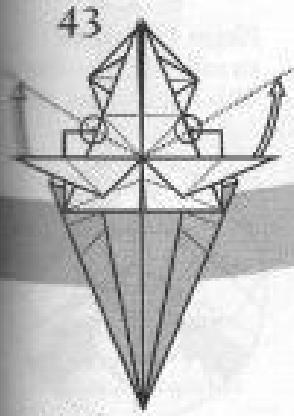
Hundir abiertamente
(Open sink)



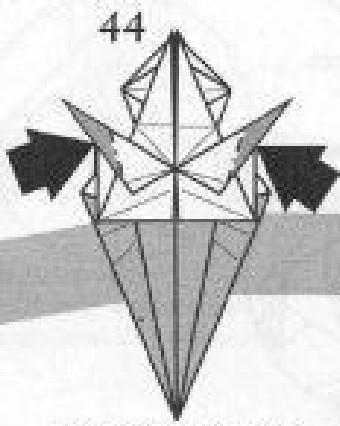
Plegar y desplegar



Plegar y desplegar



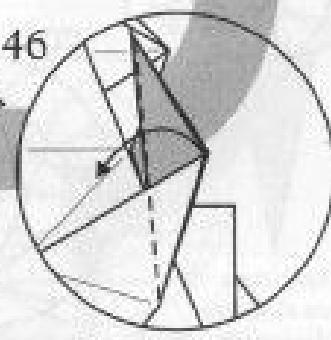
Subir las puntas
hasta las referencias



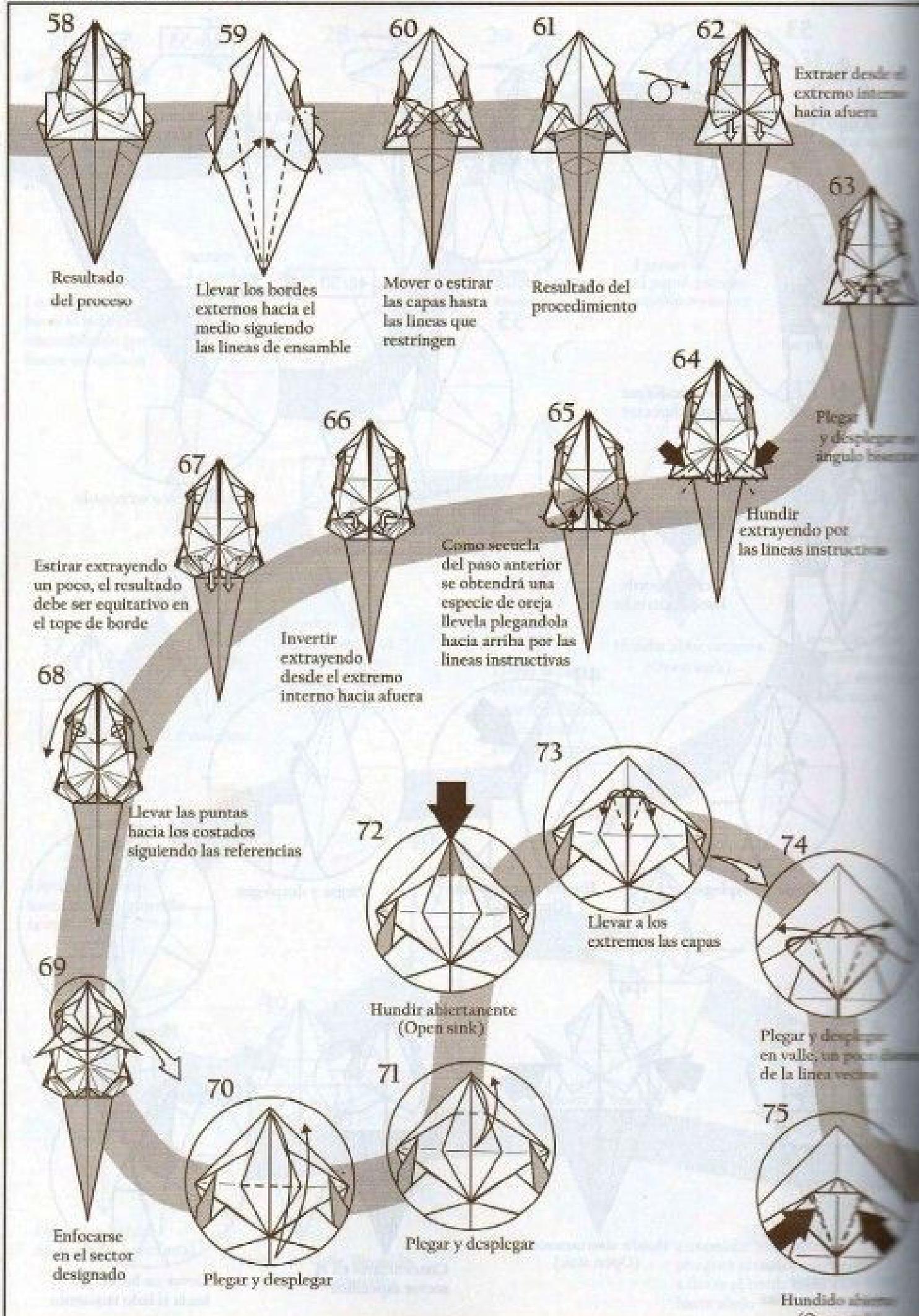
Hundir abiertamente
(Open sink)

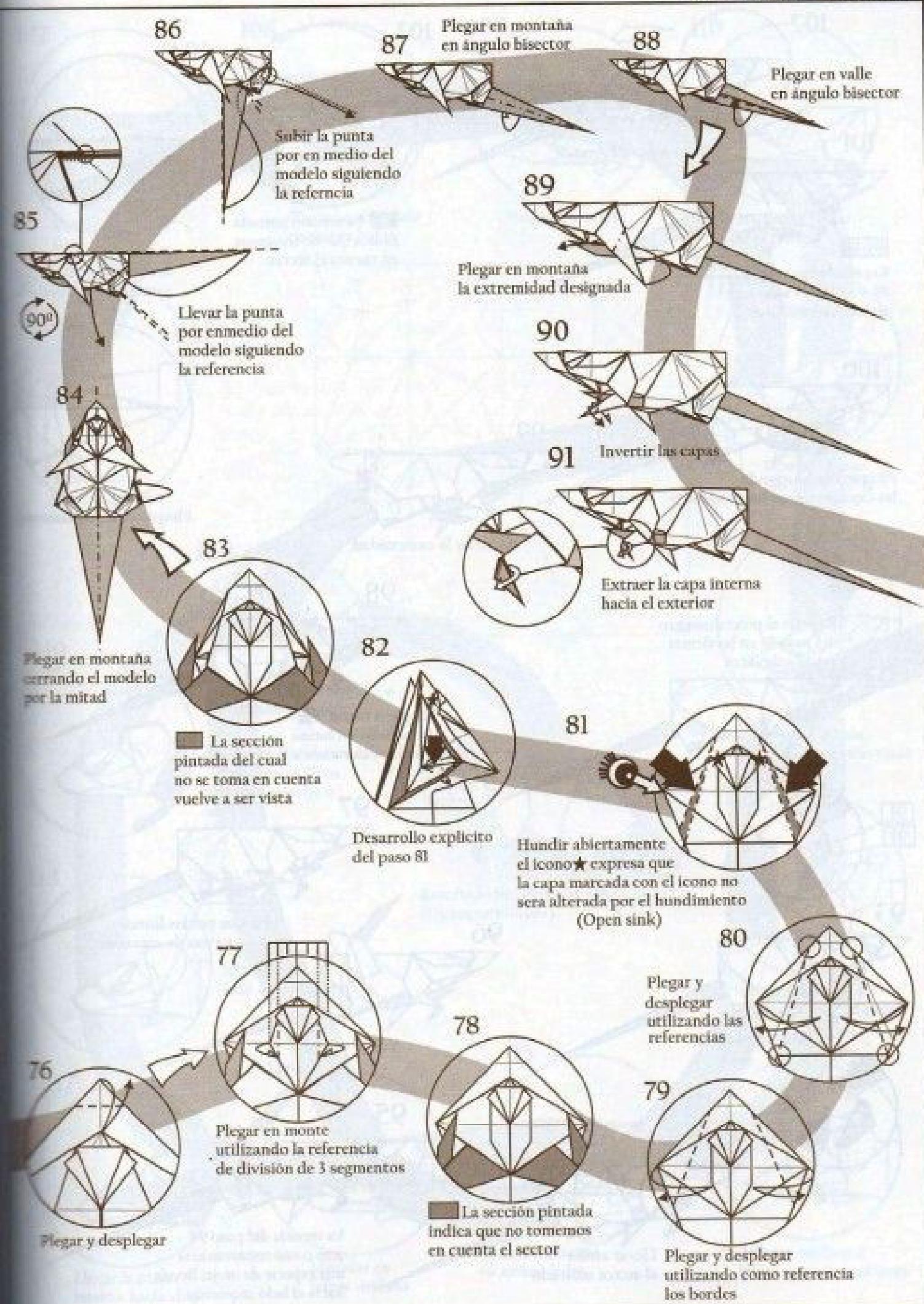


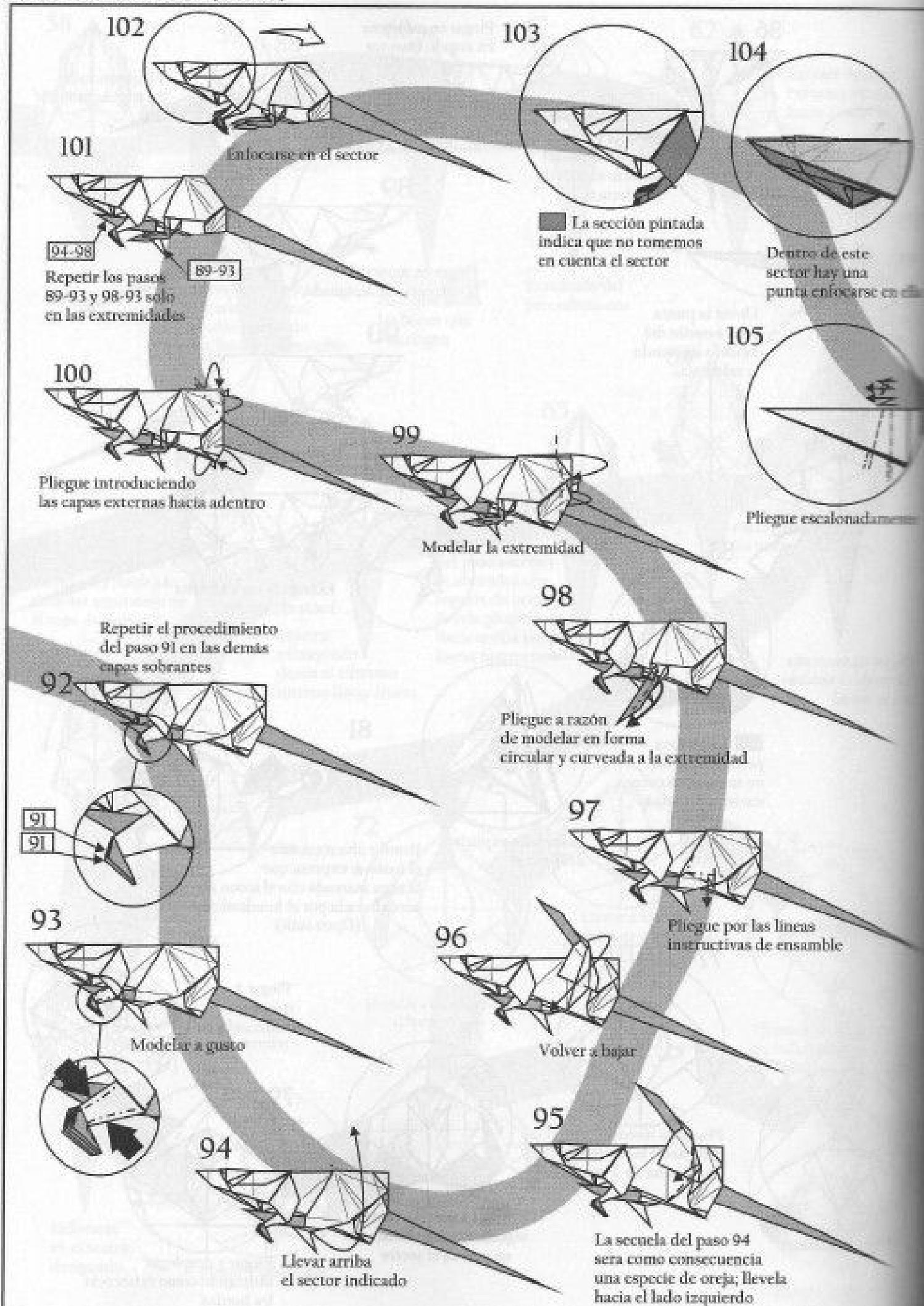
Concentrarse en el
sector específico



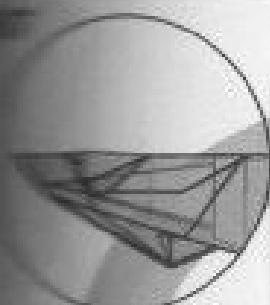
Llevar un borde
hacia el lado izquierdo





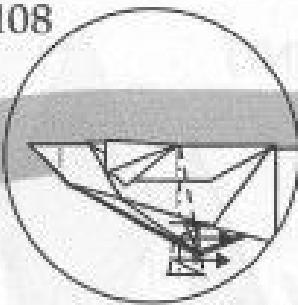


108



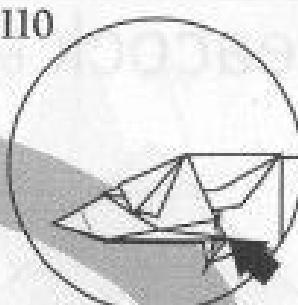
llevar a colocar
la sección

109

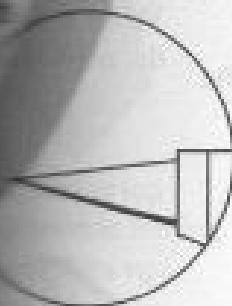


Plegue escalonado
en ambos lados

110

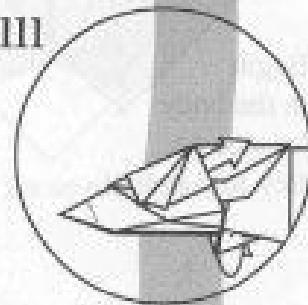


Hundir el sector
indicado



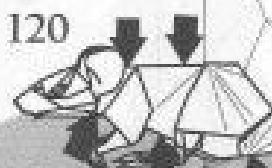
Resultado del
plegue anterior

111



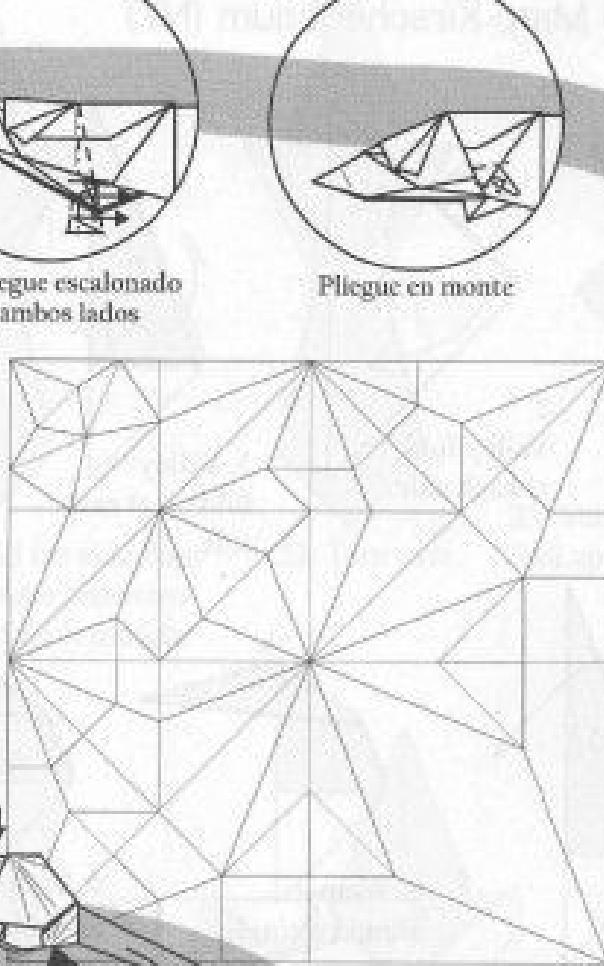
Liberar la capa
interna o oculta

120



Modelar a gusto
dando volumen

■ La sección pintada
del cual no se toma
en cuenta vuelve a
ser vista

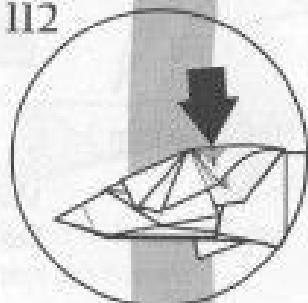


121



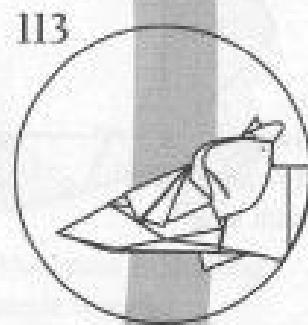
Resultado de pliegues
(Figura terminada)

112

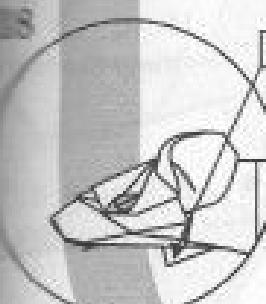


Hundir siguiendo
el color de referencia

113

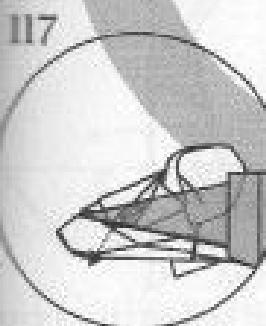


Plegar en monte
el borde puntiagudo



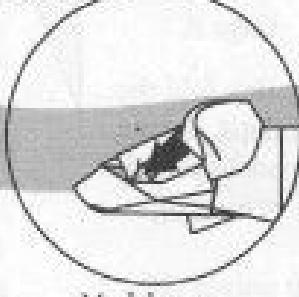
109-116

Repetir el paso
109-116 en el otro
lado del modelo



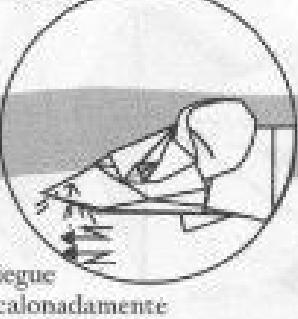
Llevar la punta
interna hacia abajo

116



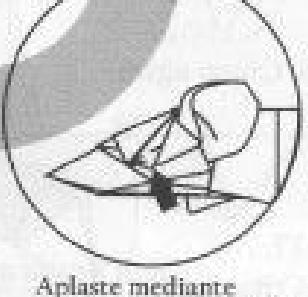
Modelar en
forma ovalada

115



Plegue
escalonadamente
en ambos lados

114

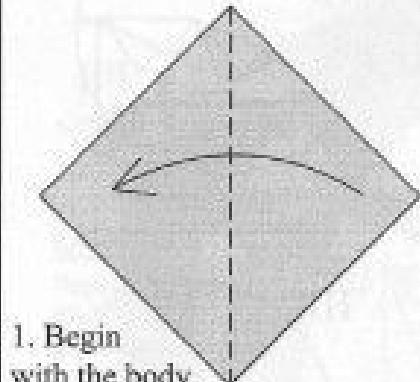


Aplaste mediante
los pliegues instructivos

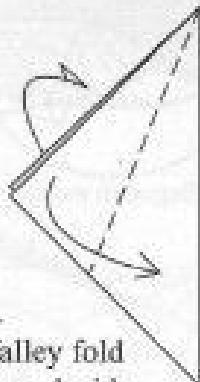
Peacock

by Marc Kirschenbaum (NY)

c2013



1. Begin with the body color side up.
Valley fold in half.



2. Valley fold at each side.



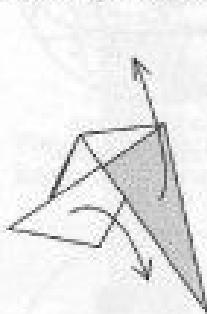
3. Valley fold up at each side.



4. Valley fold to meet the folded edge.



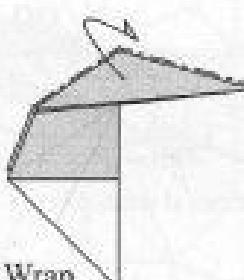
5. Valley fold down the angle bisector.



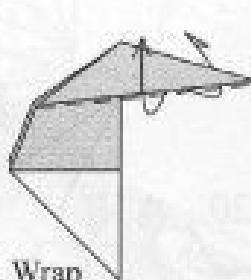
6. Unfold to step 3.



7. Valley fold along the angle bisector.



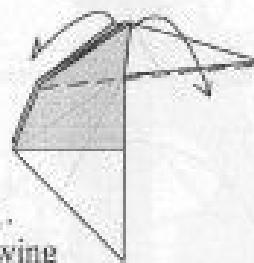
8. Wrap around a single layer.



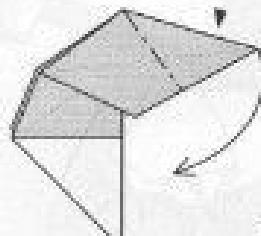
9. Wrap around a single layer at each side.



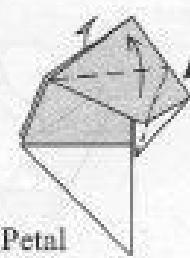
10. Precrease along angle bisector.



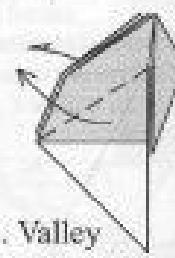
11. Swing down a flap at each side.



12. Reverse fold.



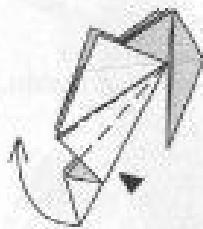
13. Petal fold the sides up.



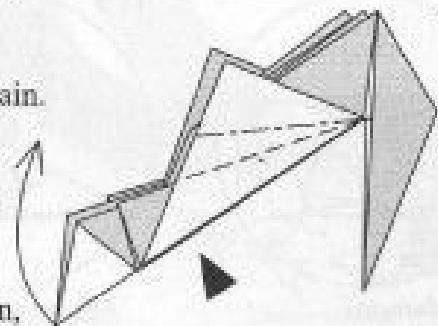
14. Valley fold along the existing creases.



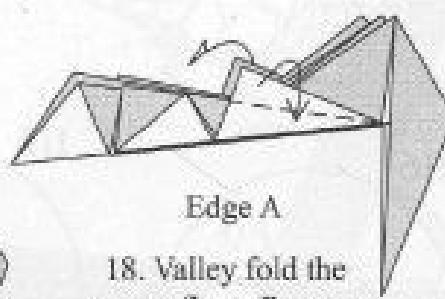
15. Crimp the top.



16. Crimp again.



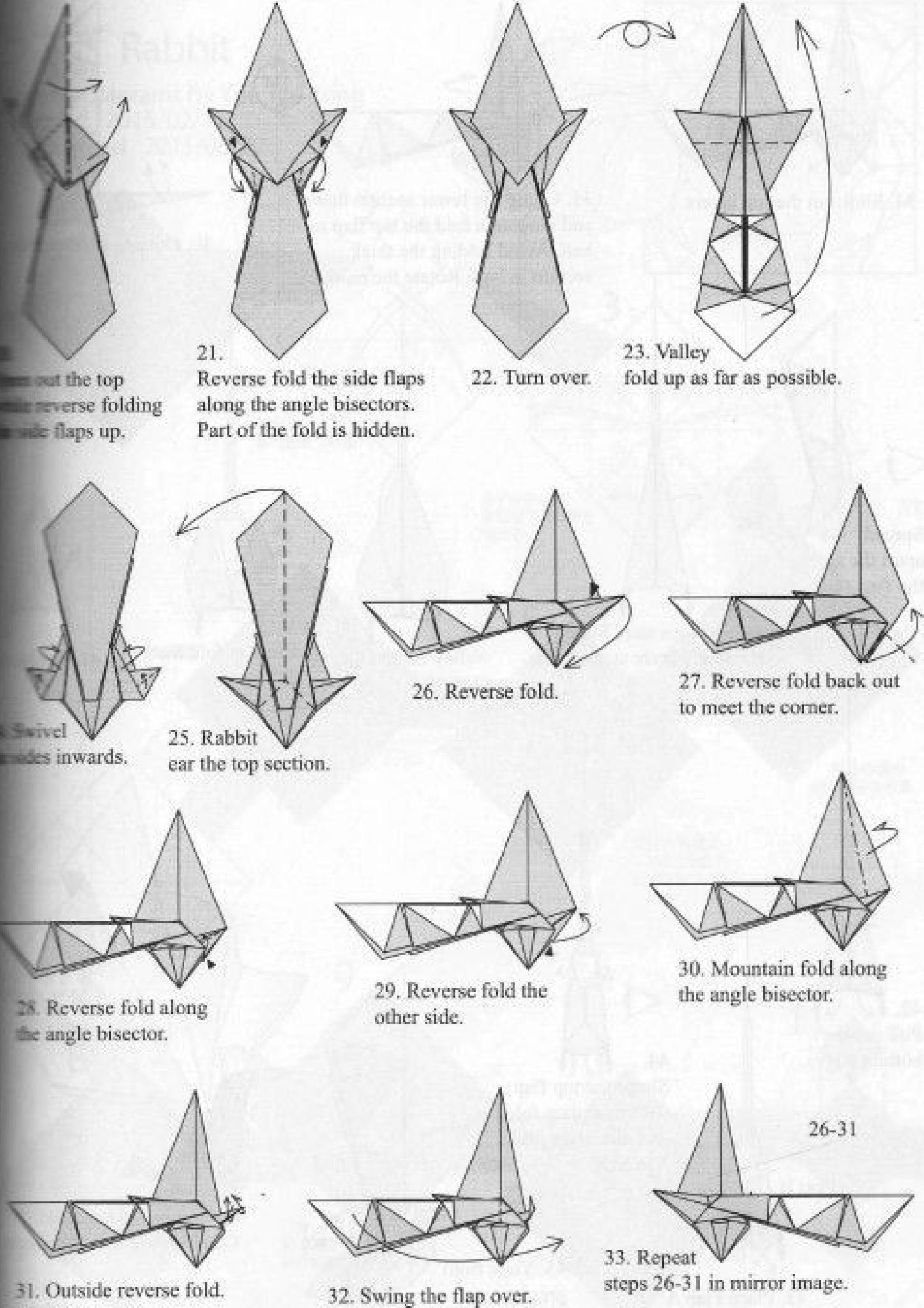
17. Crimp again, this time through a double layer.

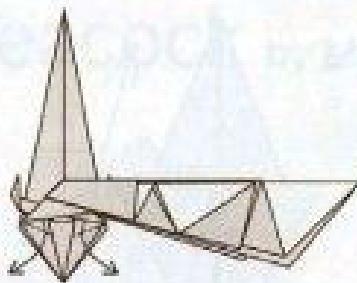


18. Valley fold the outer flaps. Rotate the model such that Edge A is straight.

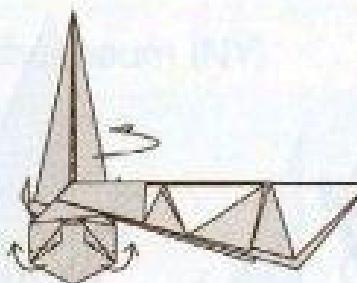


19. Spread apart the bottom layer, squash folding at the top.

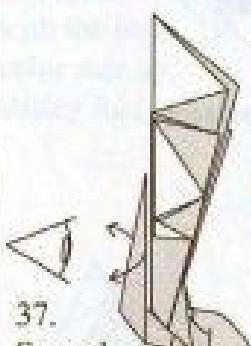




34. Slide out the top layers.

35. Crimp the lower section down and mountain fold the top flap in half. Avoid folding the thick section in half. Rotate the model.
1/4

36. Outside reverse fold.



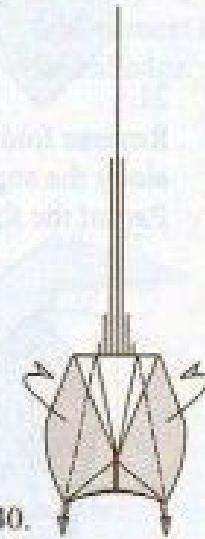
37. Spread apart the sides of the flap.



38. View from previous step. Slide out a single layer at each side.



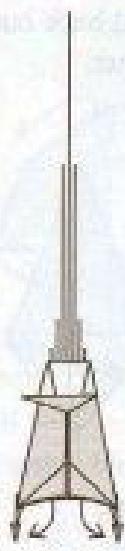
39. Valley fold to the corner.



40. Mountain fold the sides back in.



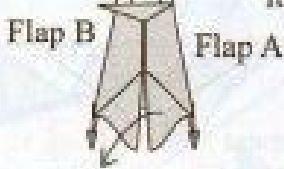
41. Rabbit



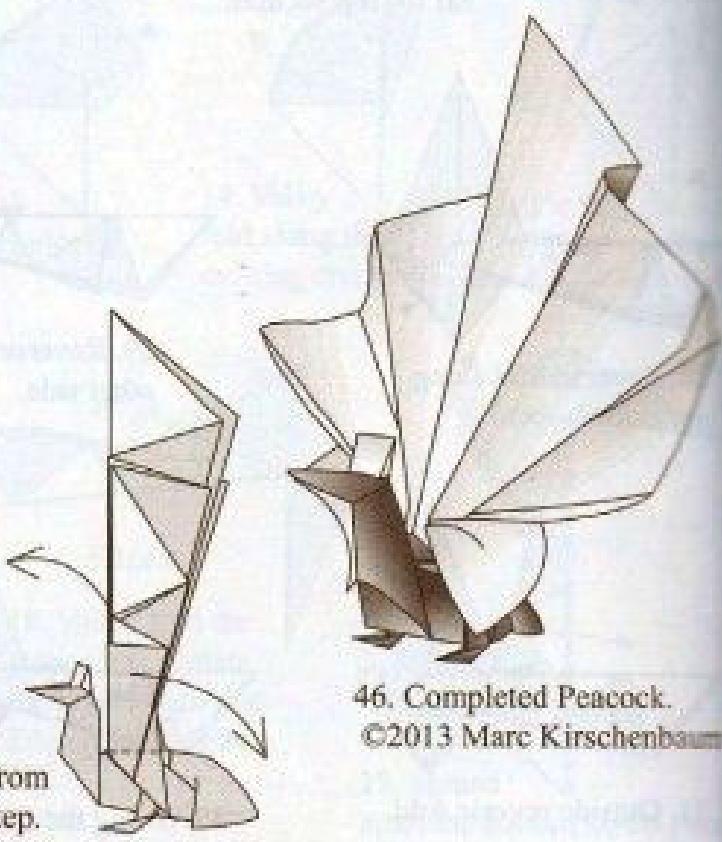
42. Pull out the bottom edges.



44. Shape the top flap with mountain folds and mountain fold it in half.



43. Place Flap A on top of Flap B.

46. Completed Peacock.
©2013 Marc Kirschenbaum45. View from previous step.
Spread apart the pleats of the top flap.

うさぎ Rabbit

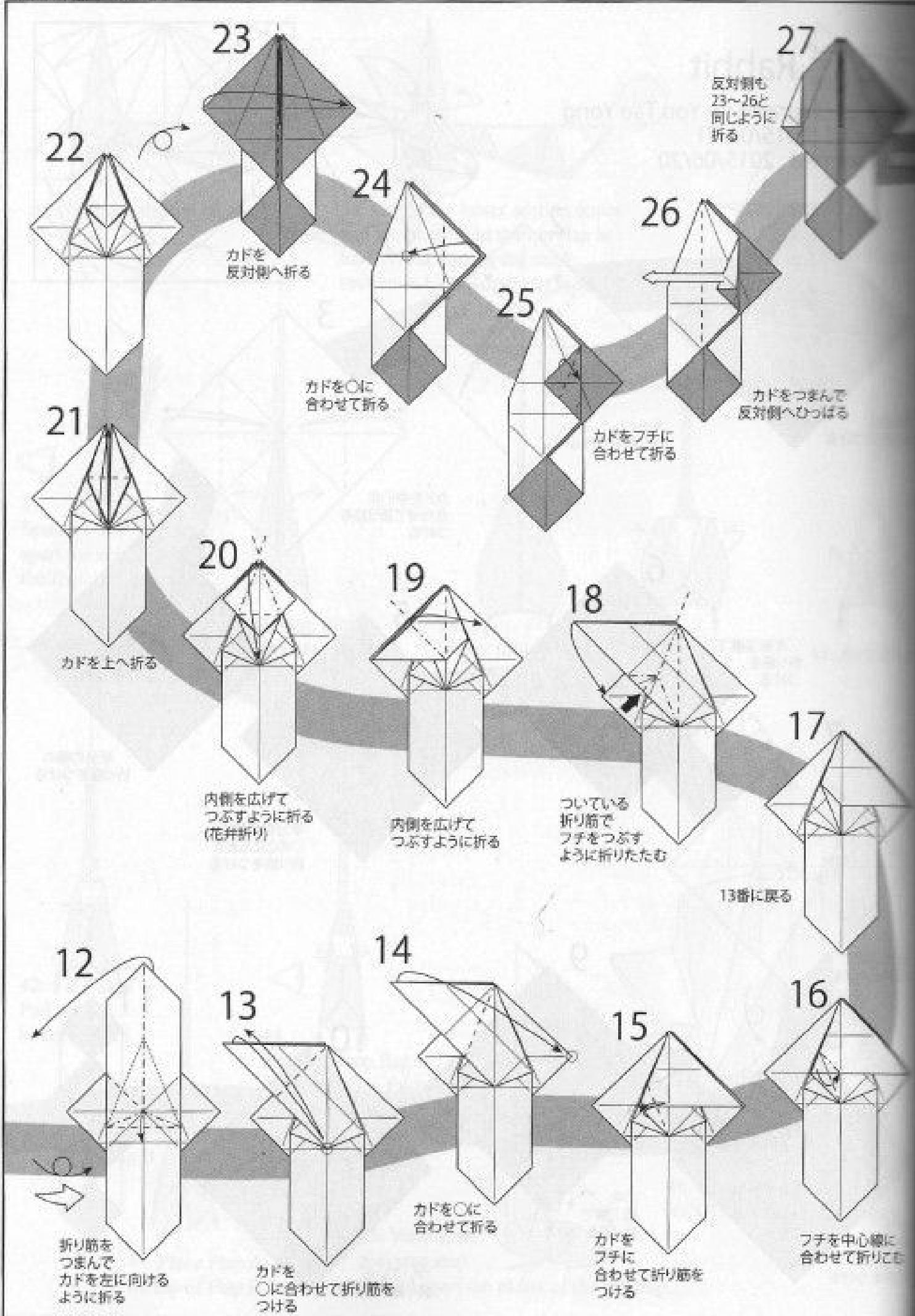
Model & Diagrams by Yoo Tae Yong

Designed : 2015/02/11

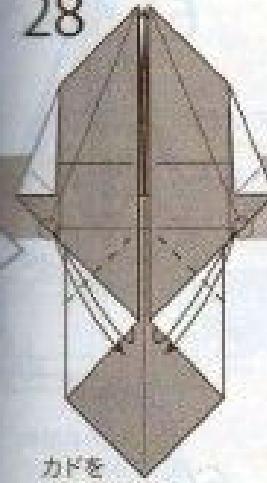
Diagrammed : 2015/06/20

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The 21st Origami Tantokan Convention 2015 225

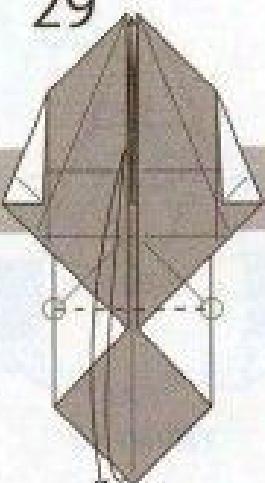


28



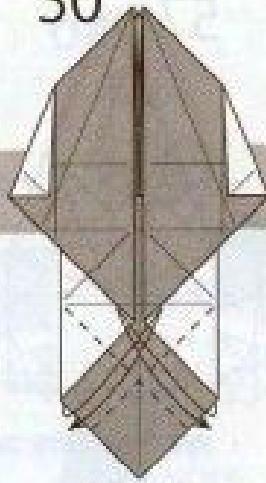
カドを
○に合わせて
折り筋をつける

29



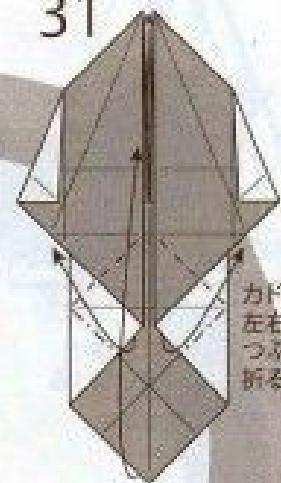
○を結ぶ線で
折り筋をつける

30



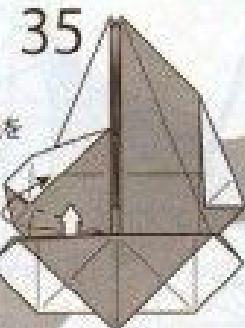
カドを折り筋に
合わせて折り筋を
つける

31



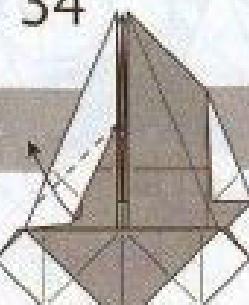
カドを
左右に広げて
つぶすように
折る

35



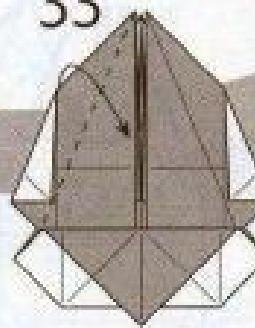
内側の紙を
引き出す

34



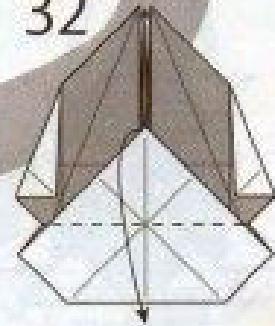
ついている折り筋で
内側を広げる

33



ついている
折り筋で折る

32



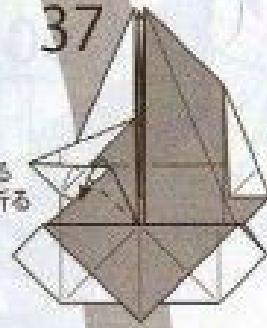
カドを後ろのフチに
沿って下へ折る

36



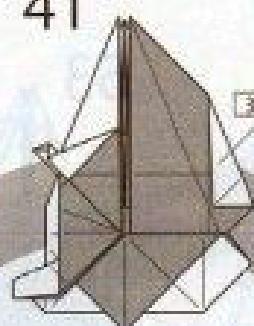
途中の図
手順に折りたたむ

37



ついている
折り筋で折る

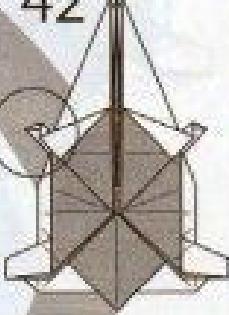
41



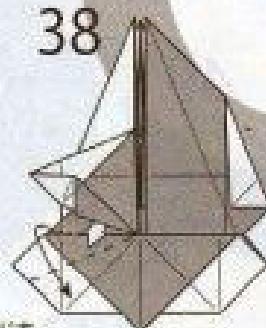
33-40

反対側も33~40と
同じように折る

42

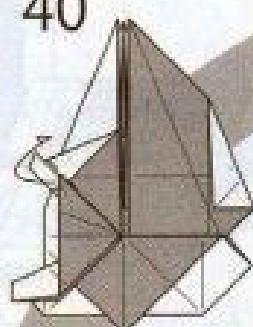


38



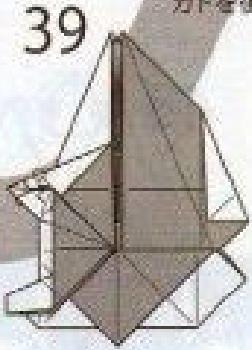
カドを
つまんで引き出す

40



カドを後ろへ折る

39



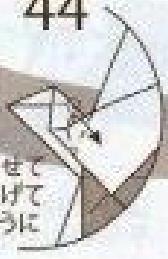
フチを○に
合わせて折る

43

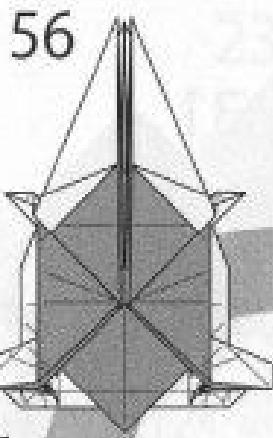


下のフチに
合わせて
折り筋を
つける

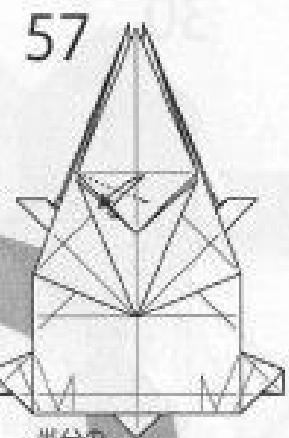
44



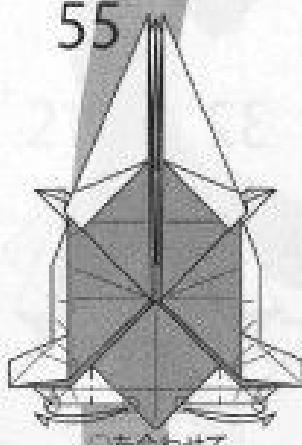
○に合わせて
内側を広げて
つぶすように
折る



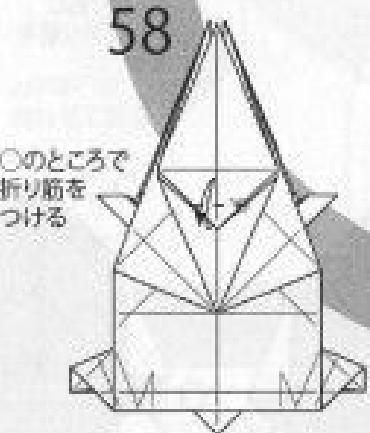
半分の角度で
折り筋をつける



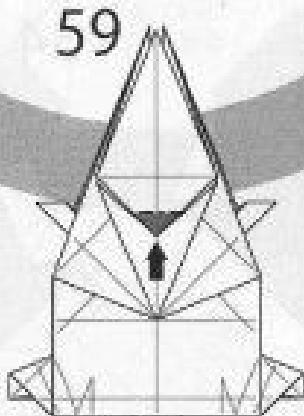
半分の
角度でフチに印をつける



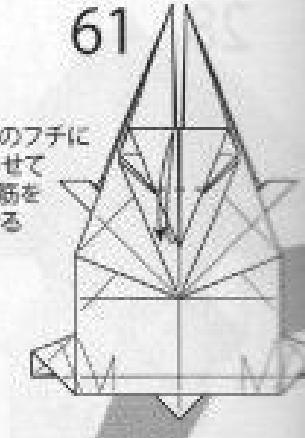
合わせて
折り筋をつける



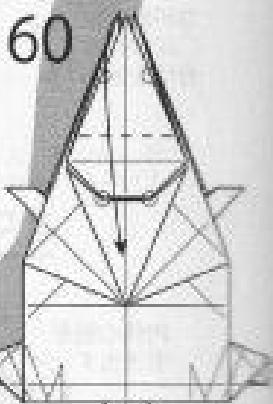
○のとこで
折り筋を
つける



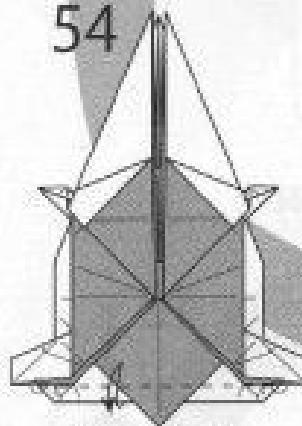
沈め折り
(Open Sink)



後ろのフチに
合わせて
折り筋を
つける



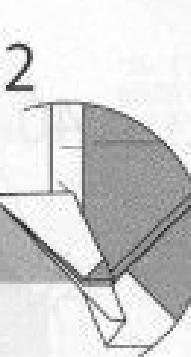
○とフチを合わせて
下へ折る



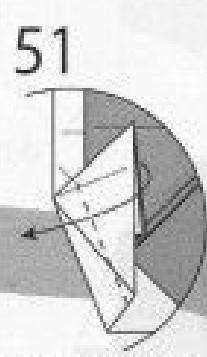
○を結ぶ線で
折り筋をつける



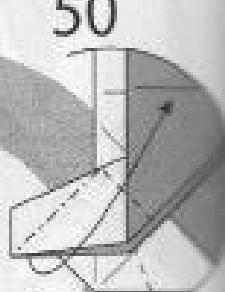
反対側も43-52と
同じように折る



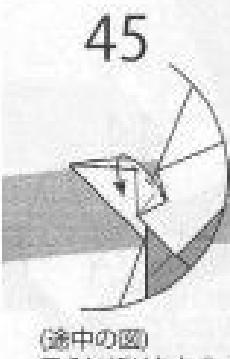
48番に戻る



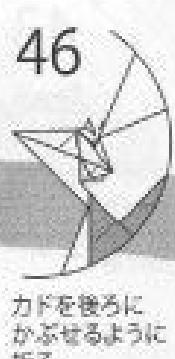
力道を折り返す



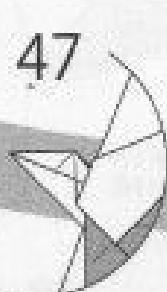
内側を広げて
つぶすように折る



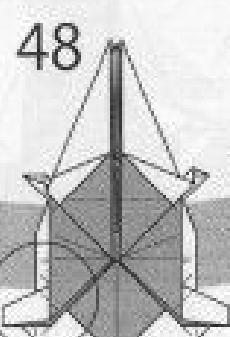
(途中の図)
平らに折りたたむ



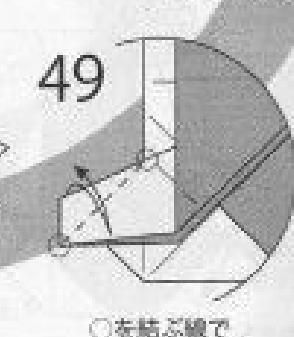
力を後ろに
かぶせるように
折る



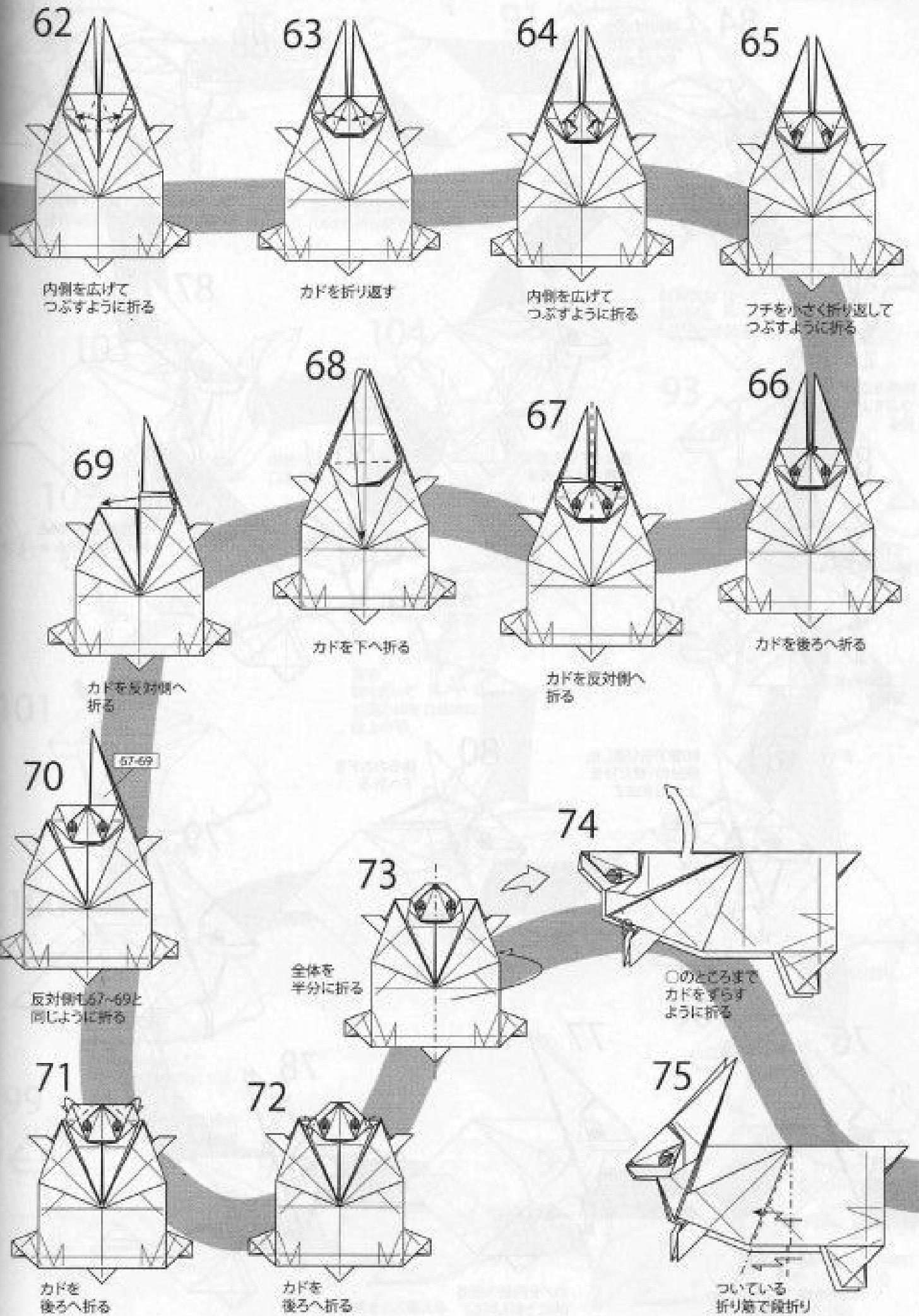
47

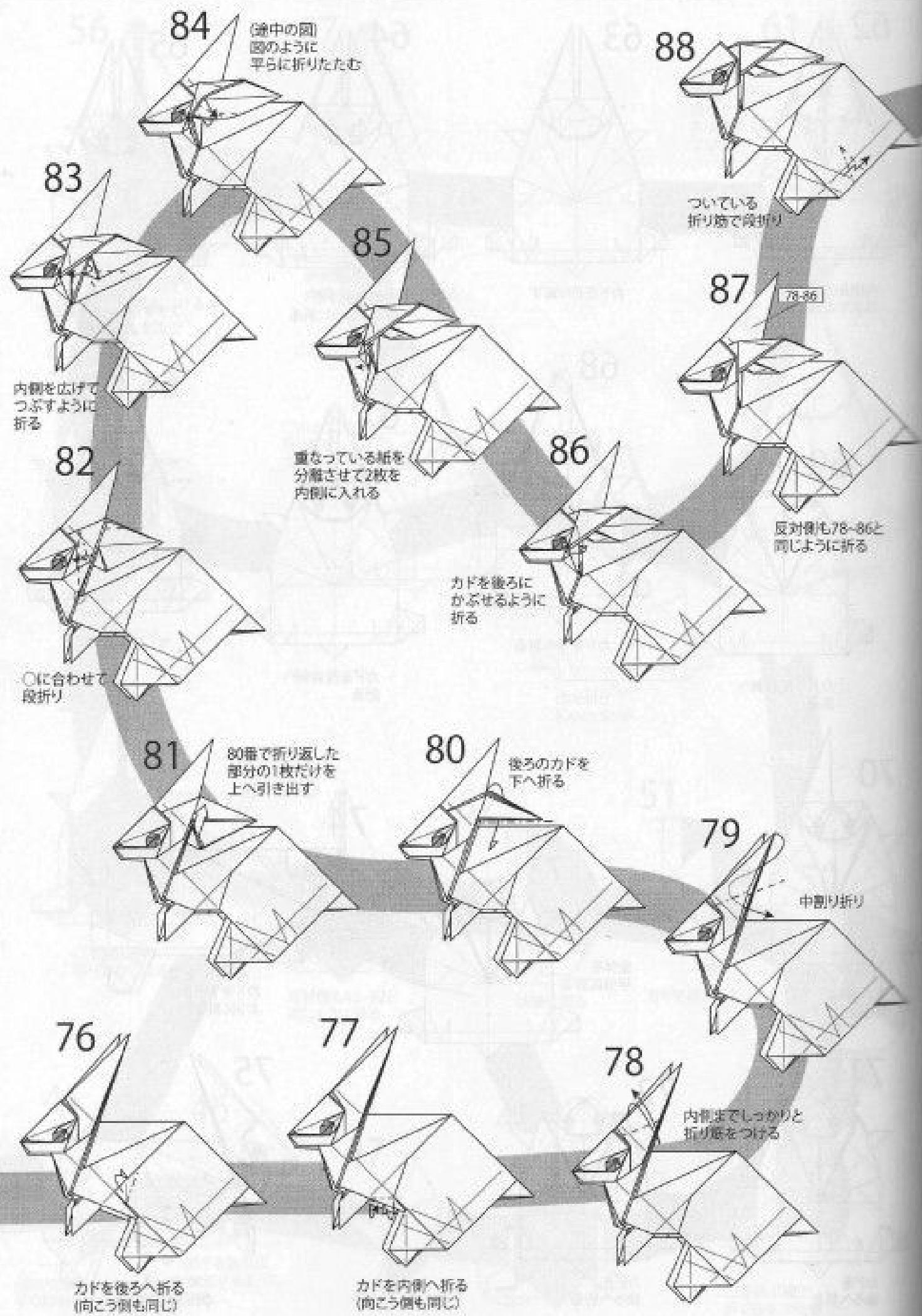


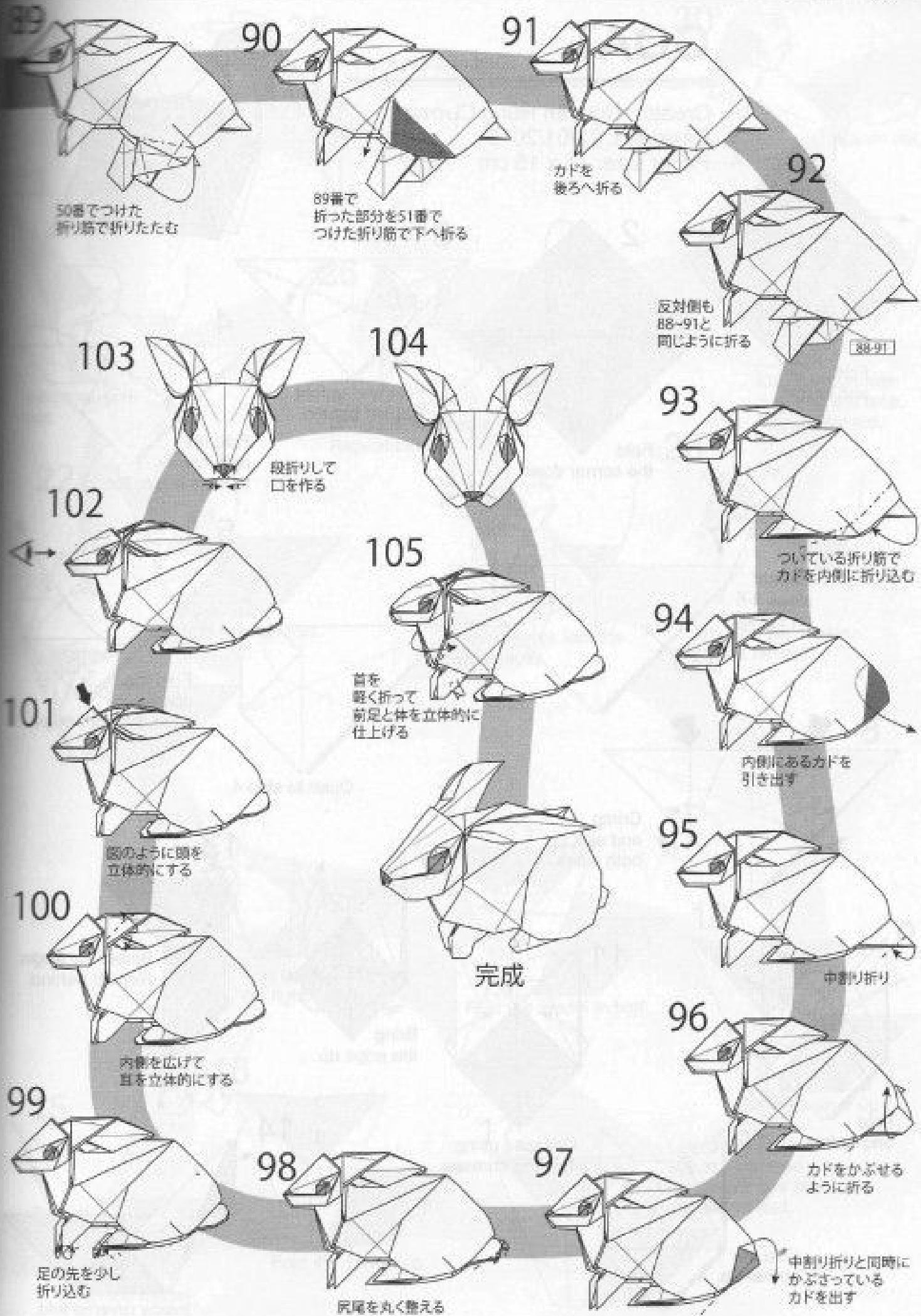
48



○を結ぶ線で
折り筋をつける

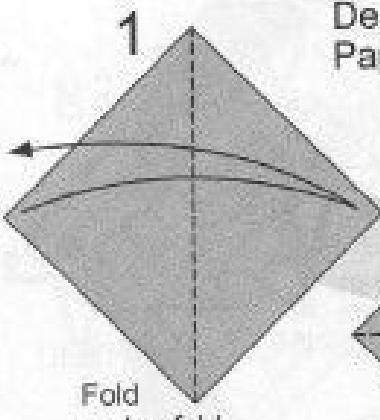
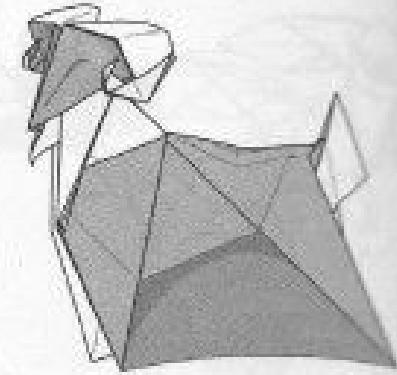




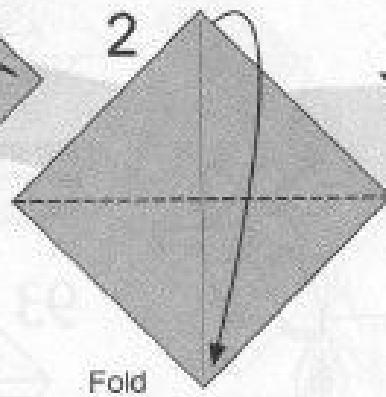


GOAT

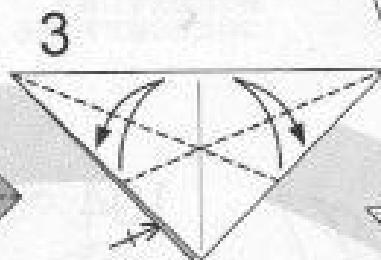
Creator: Nguyễn Hùng Cường
 Designed: 22/01/2015
 Paper size: 15 x 15 cm



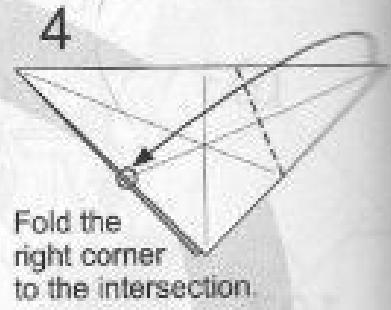
Fold and unfold.



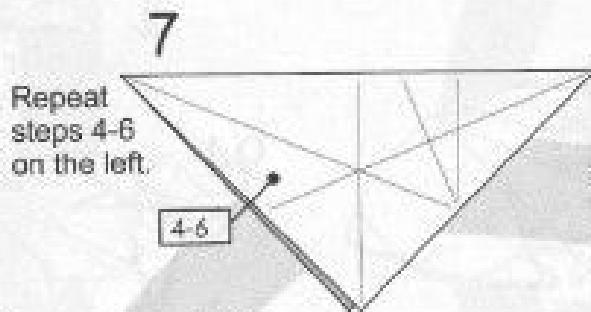
Fold the corner down.



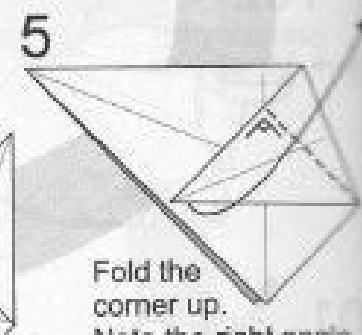
Fold and unfold.
Repeat behind.



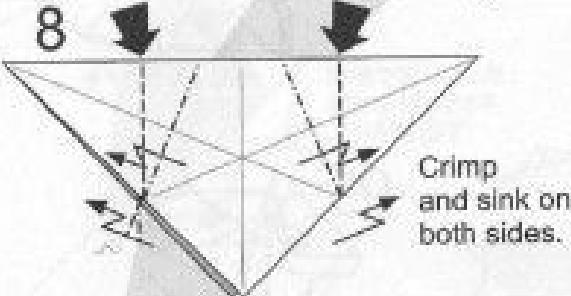
Fold the right corner to the intersection.



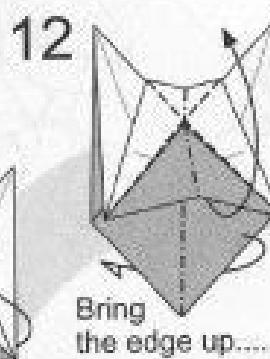
Repeat steps 4-6 on the left.



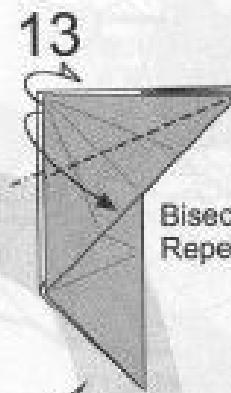
Open to step 4.



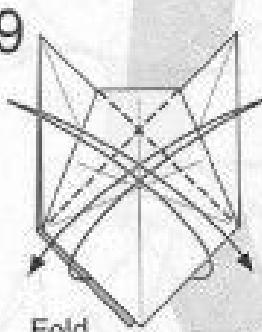
Crimp and sink on both sides.



Bring the edge up....

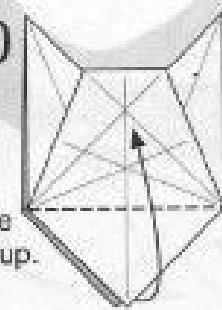


Bisect the angle.
Repeat behind.



Fold and unfold.

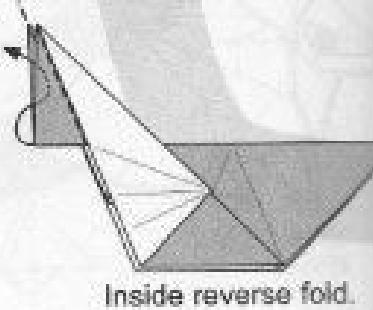
10



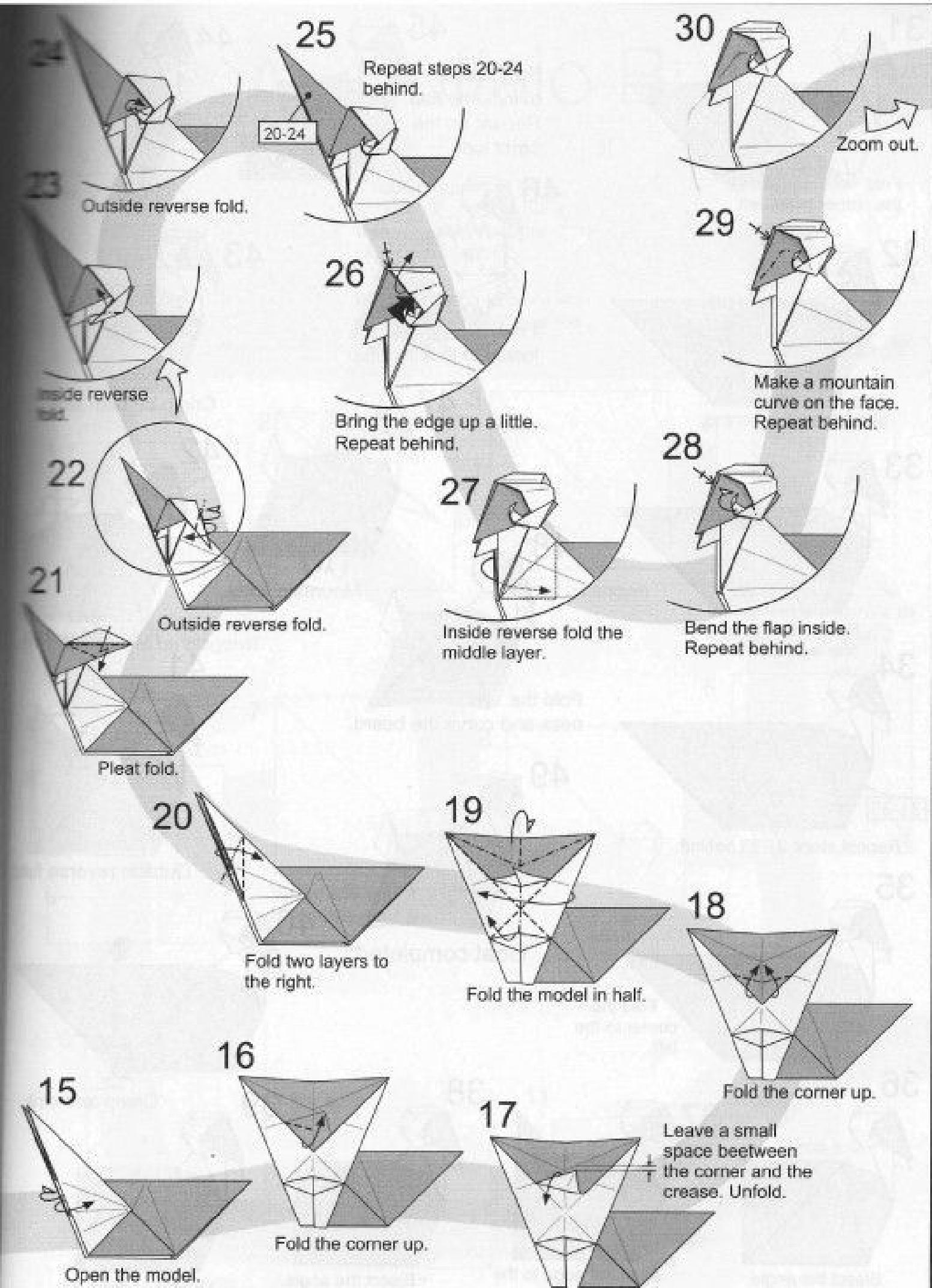
Collapse using existing creases.

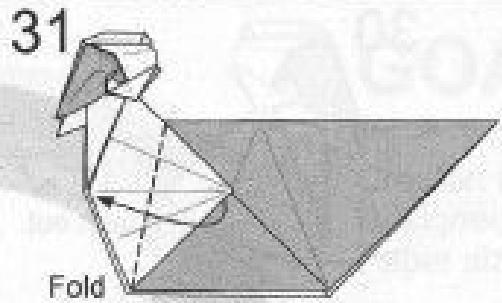
Fold the corner up.

14

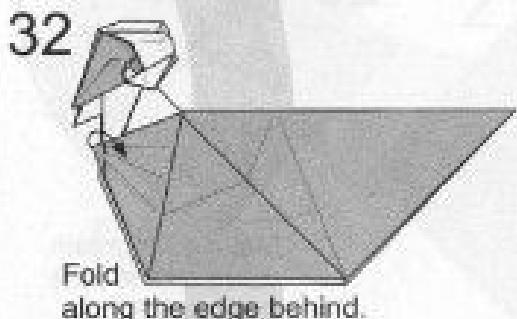


Inside reverse fold.

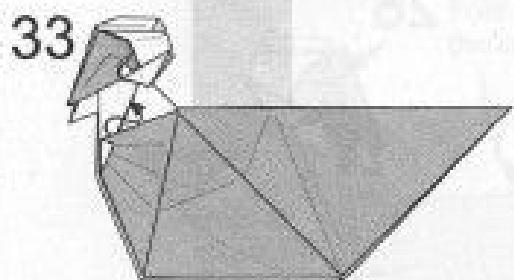




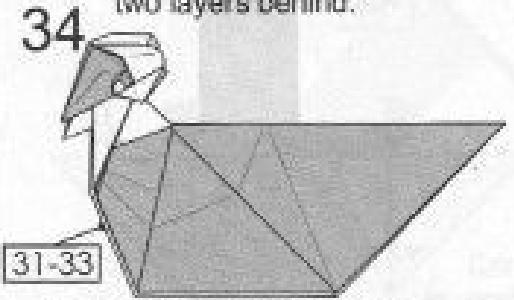
Fold the corner to the left.



Fold along the edge behind.

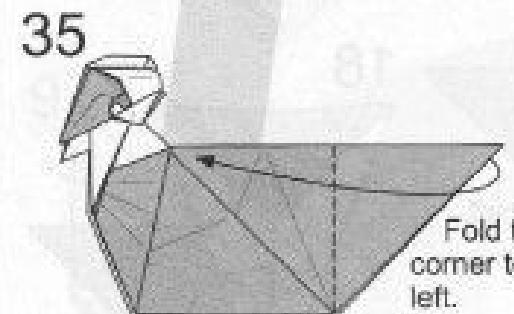


Put the top layer under two layers behind.

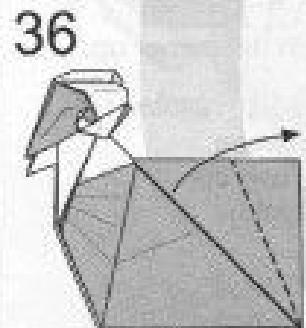


31-33

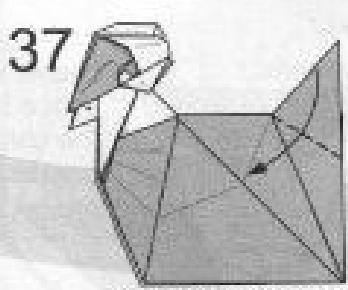
Repeat steps 31-33 behind.



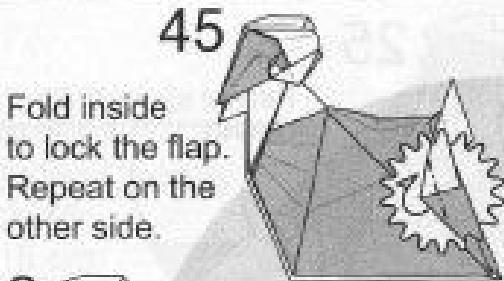
Fold the corner to the left.



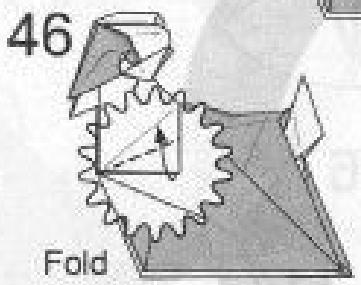
Bisect the angle.



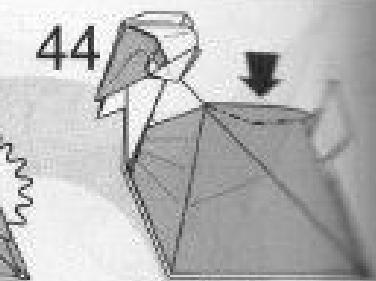
Align the edge to the existing crease.



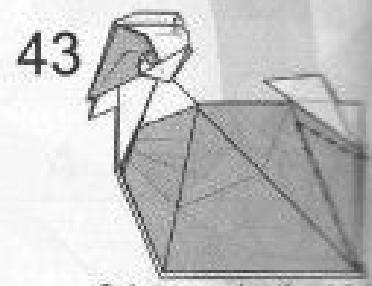
Fold inside to lock the flap.
Repeat on the other side.



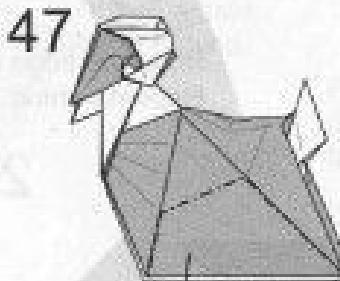
Fold inside to lock the flap.



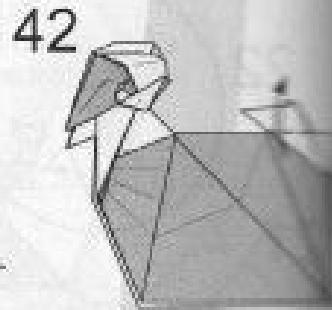
Push the back.



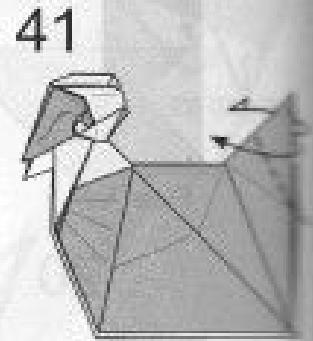
Crimp on both sides.



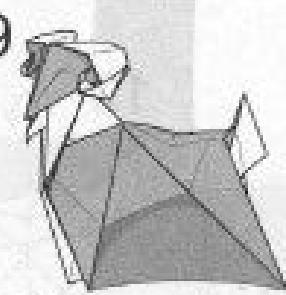
Mountain folds.



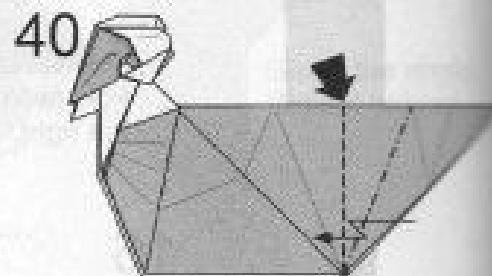
Fold and unfold.



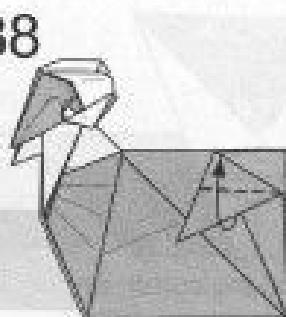
Outside reverse fold.



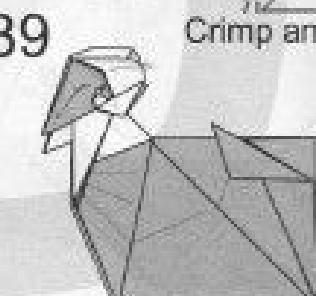
Goat completed.



Crimp and sink.



Bisect the angle.



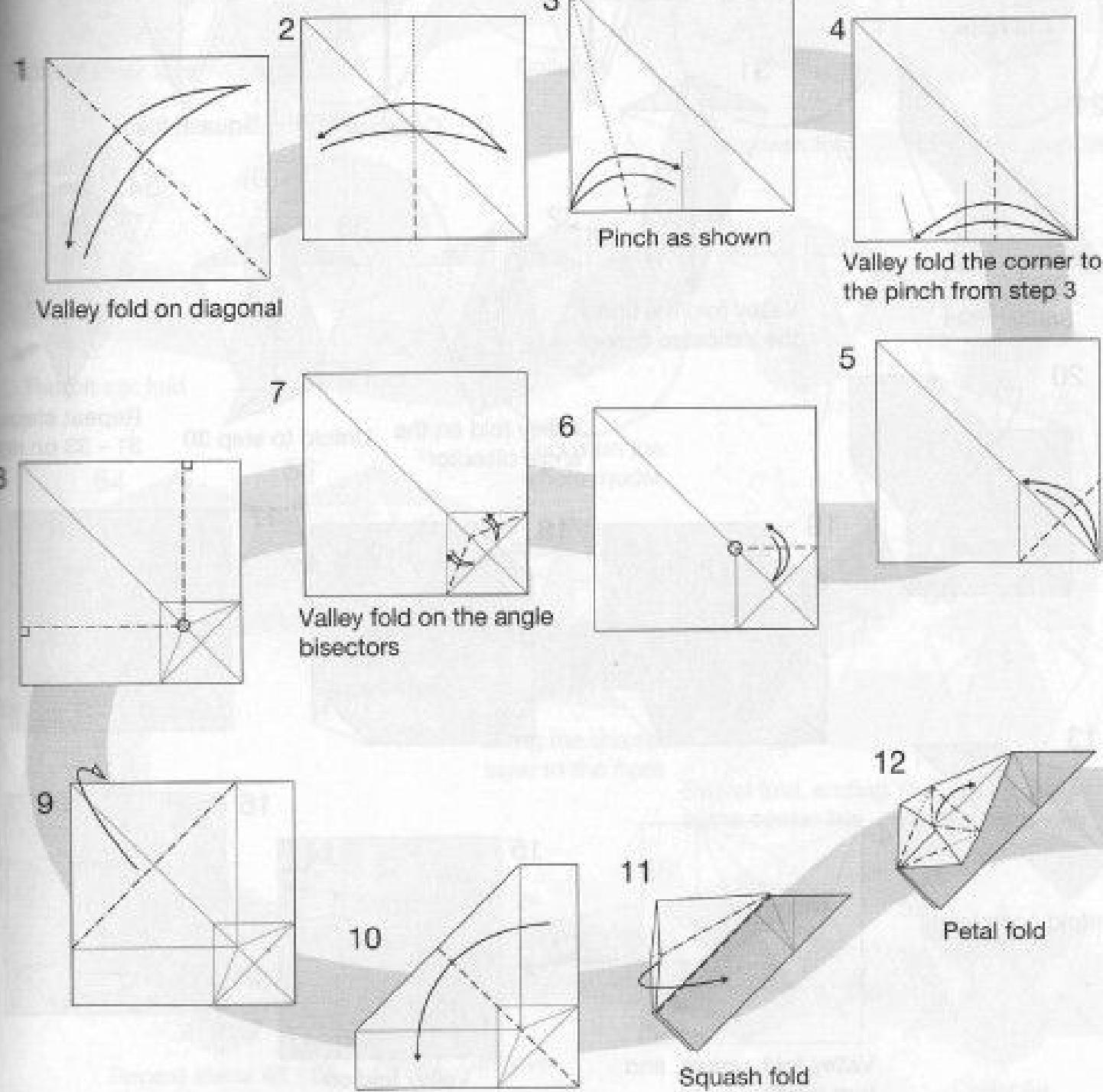
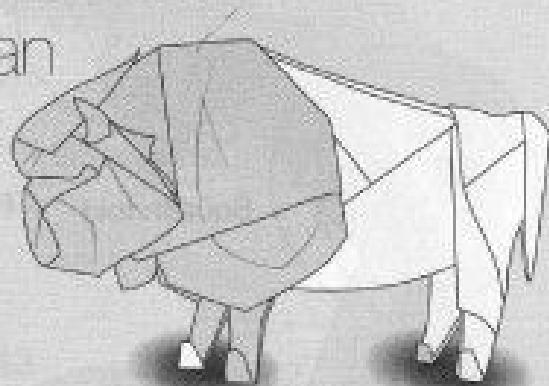
Unfold to step 34.

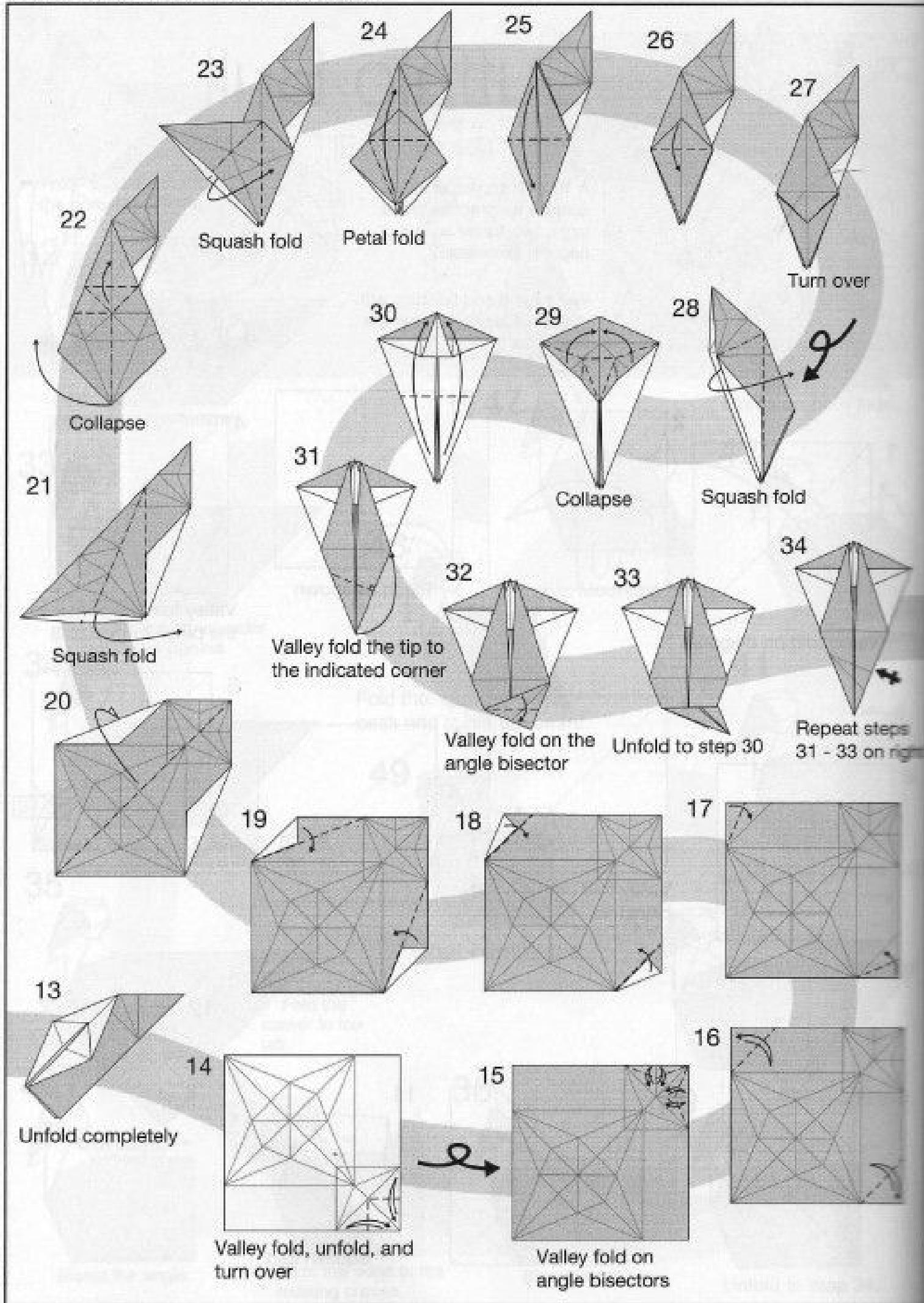
Buffalo Bull

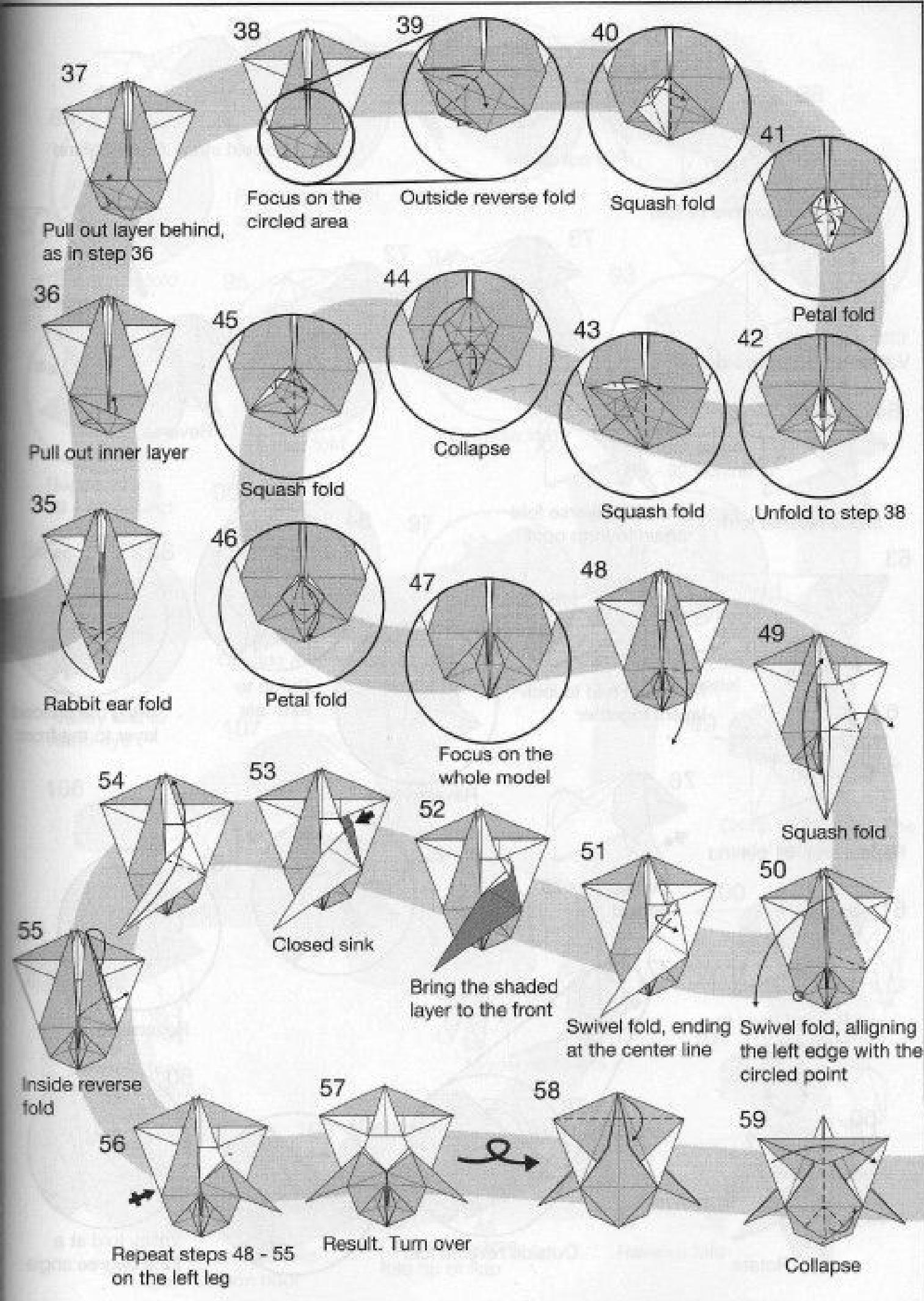
William Hartman

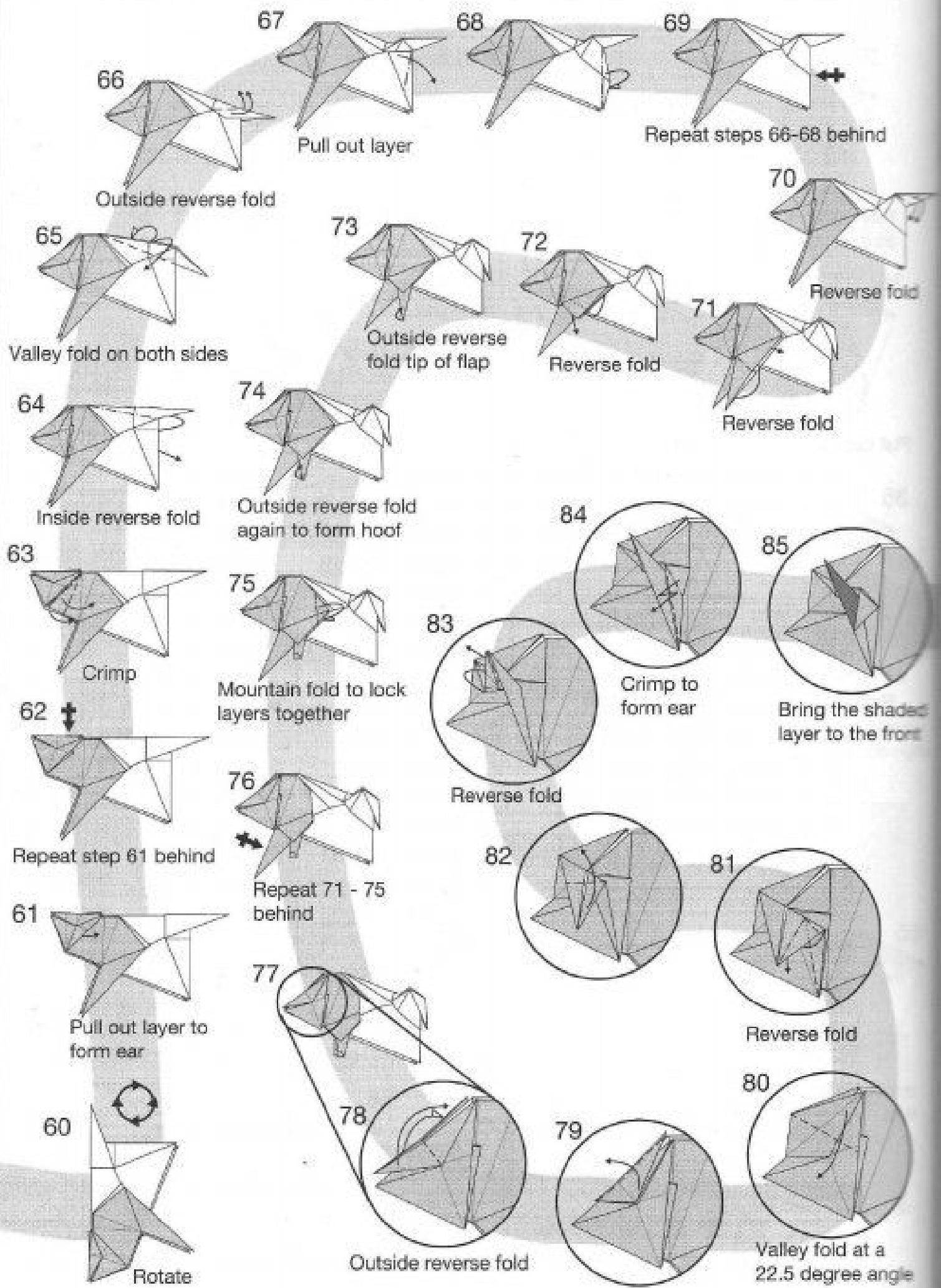
A 10-inch square of foil is suitable for practice, but a large, two-toned square of paper is preferable.

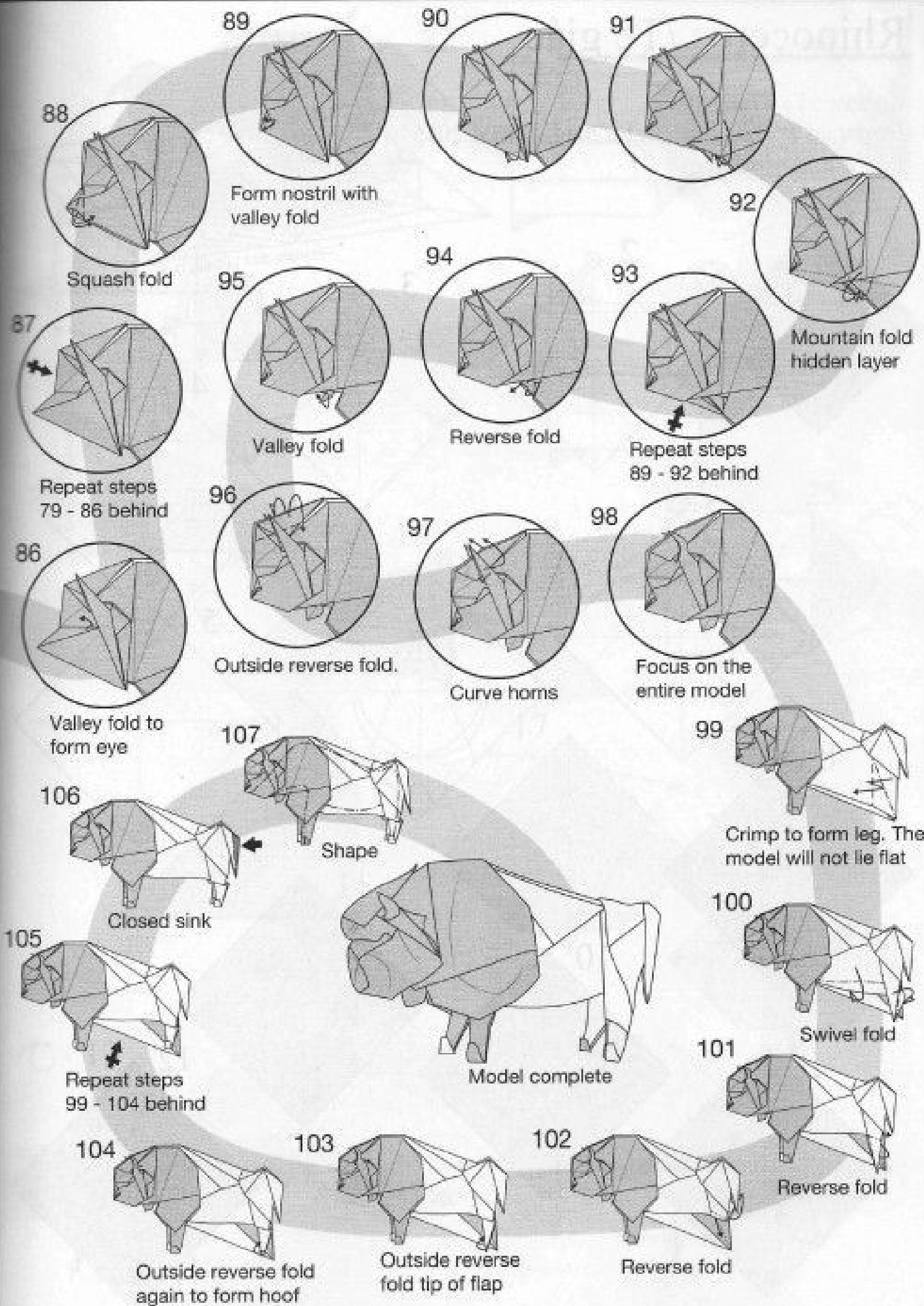
Wet folding and finishing with methyl cellulose will give the best results.









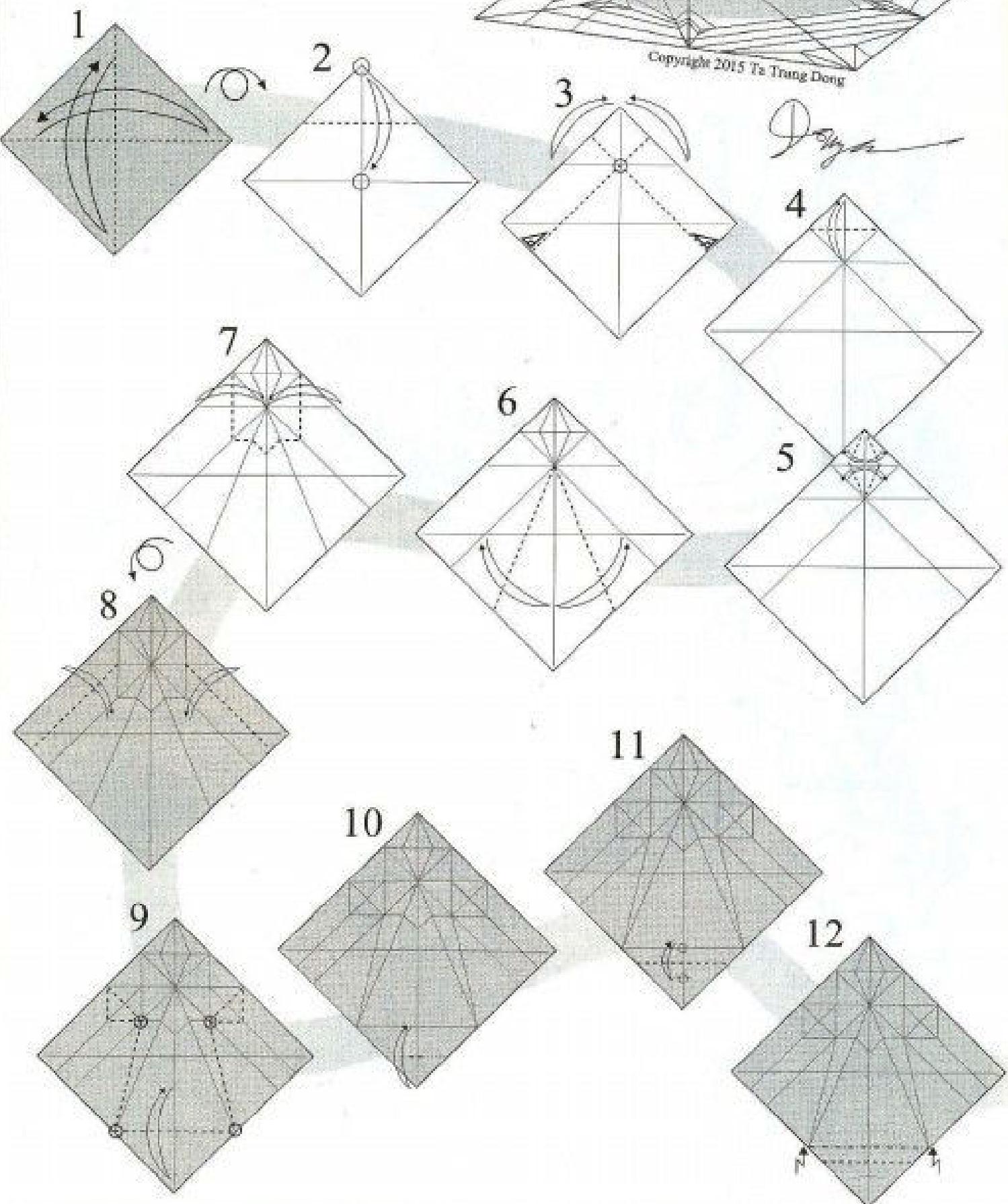
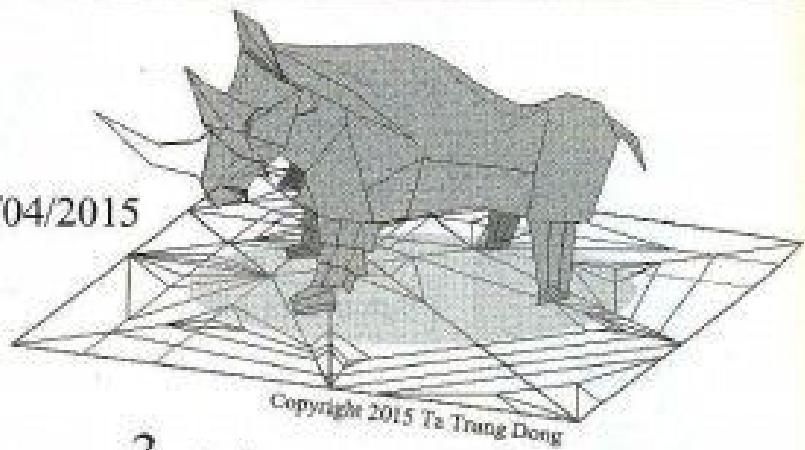


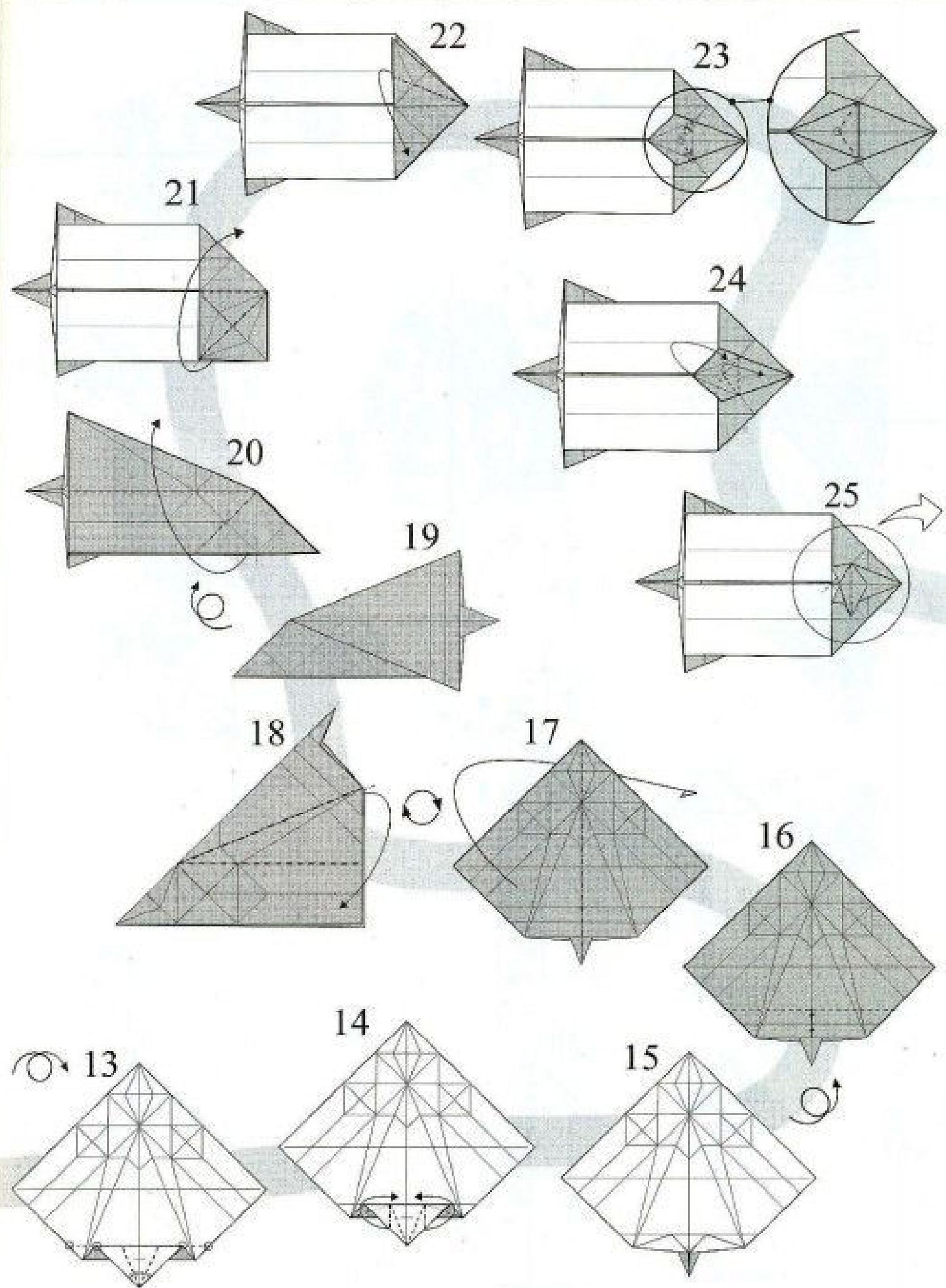
Rhinoceros / Tê giác

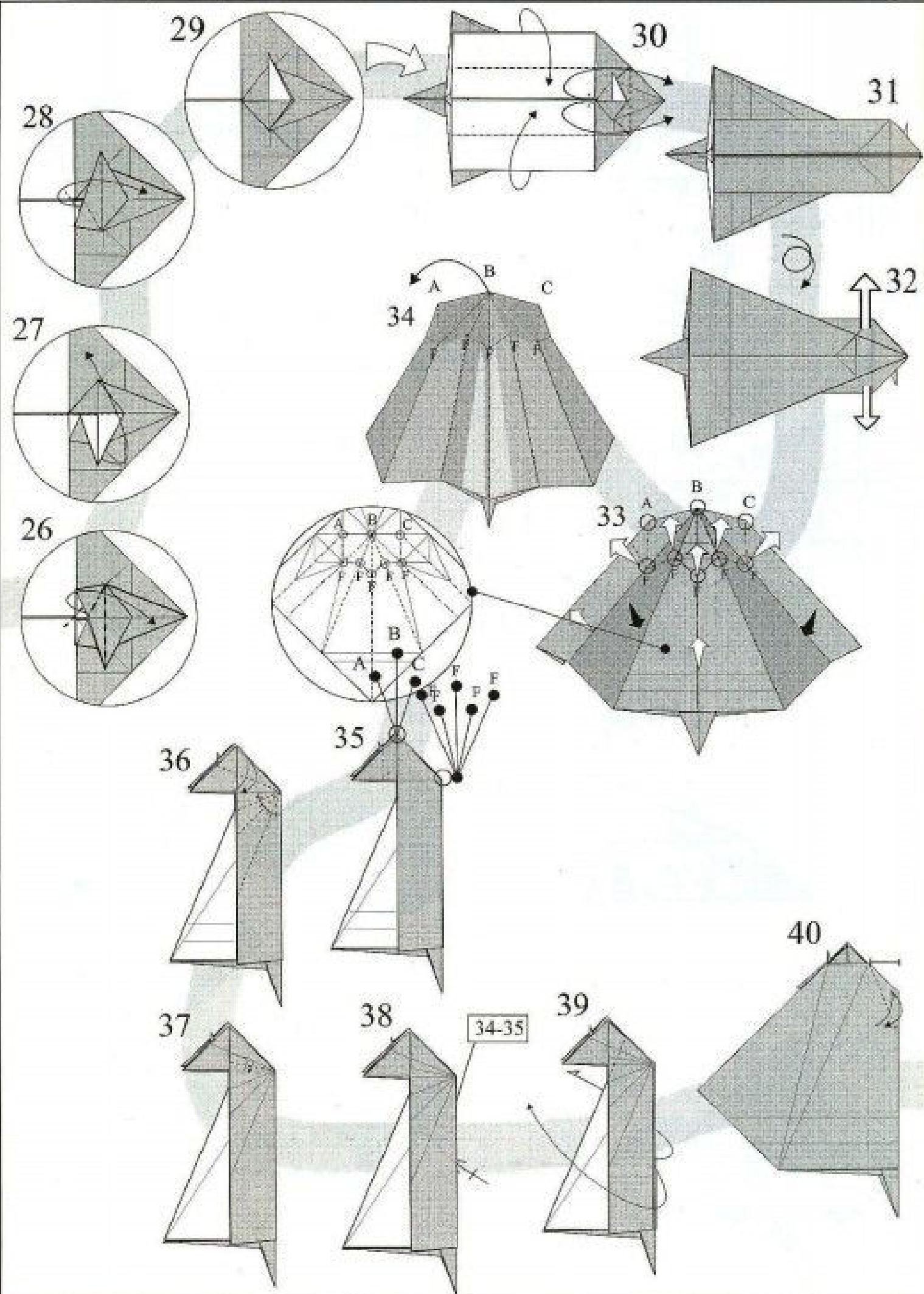
Creator : Tạ Trung Đồng

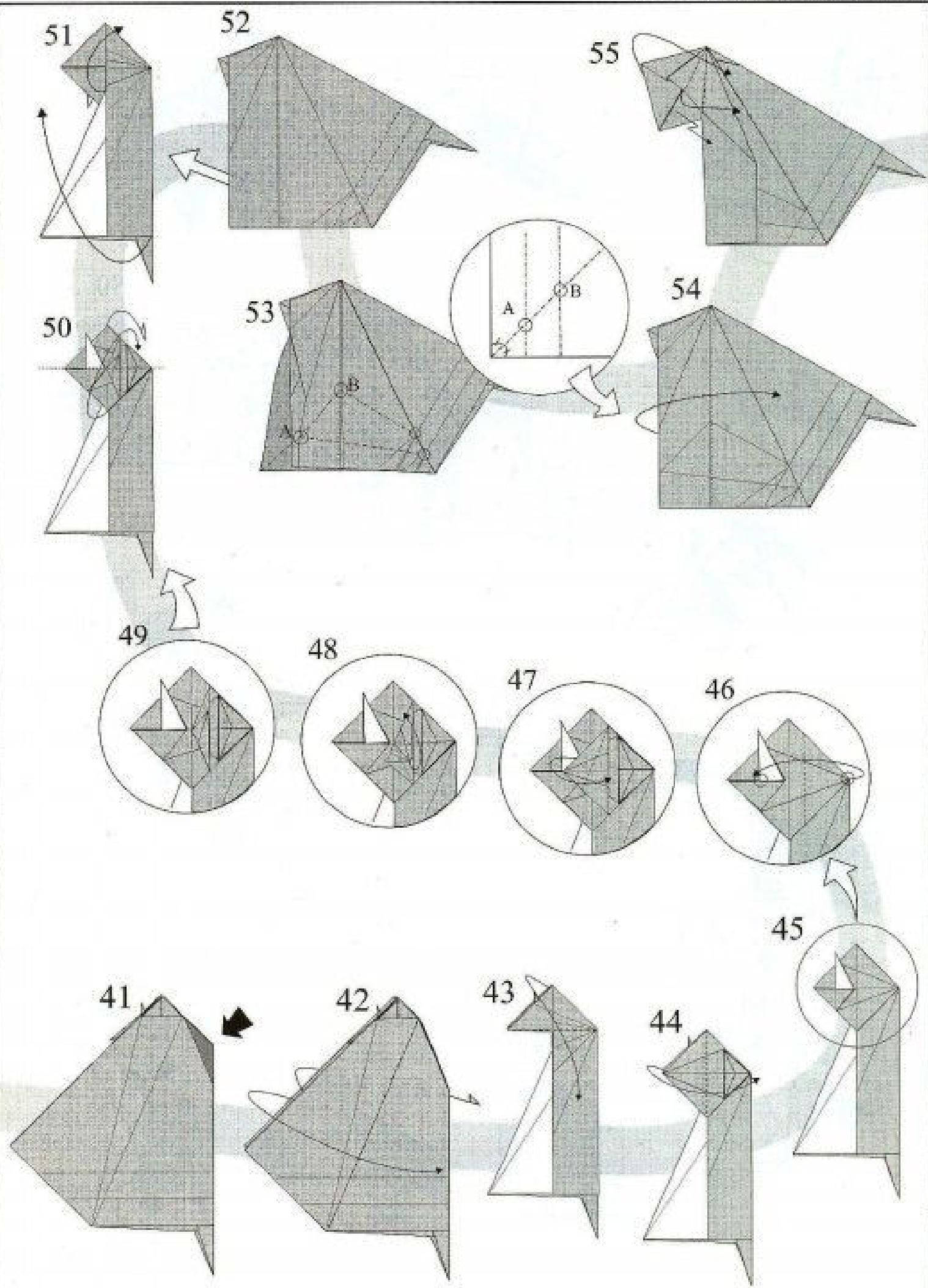
Designed & Diagram: **/12/2014 - 25/04/2015

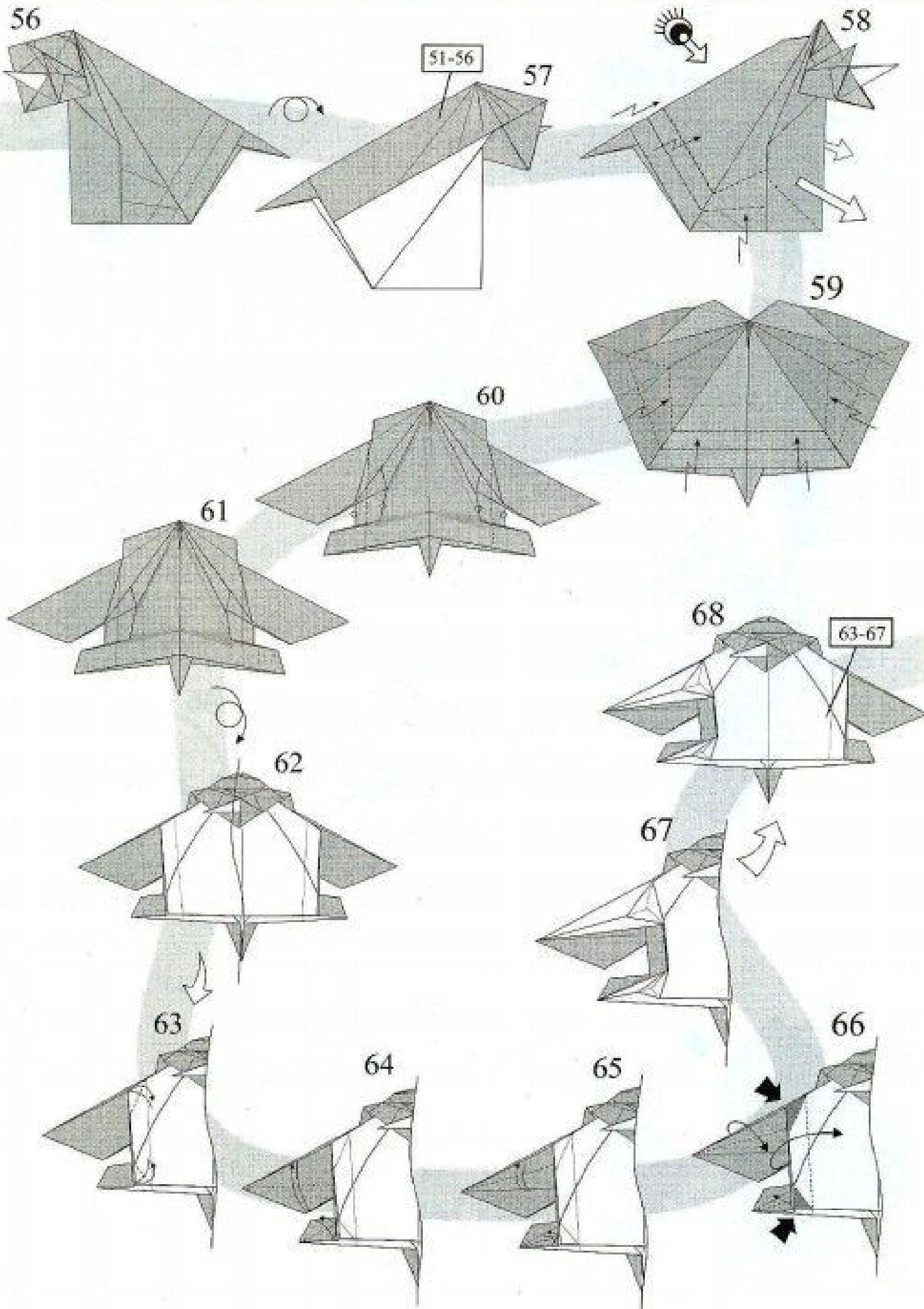
Paper size: 40x40 cm

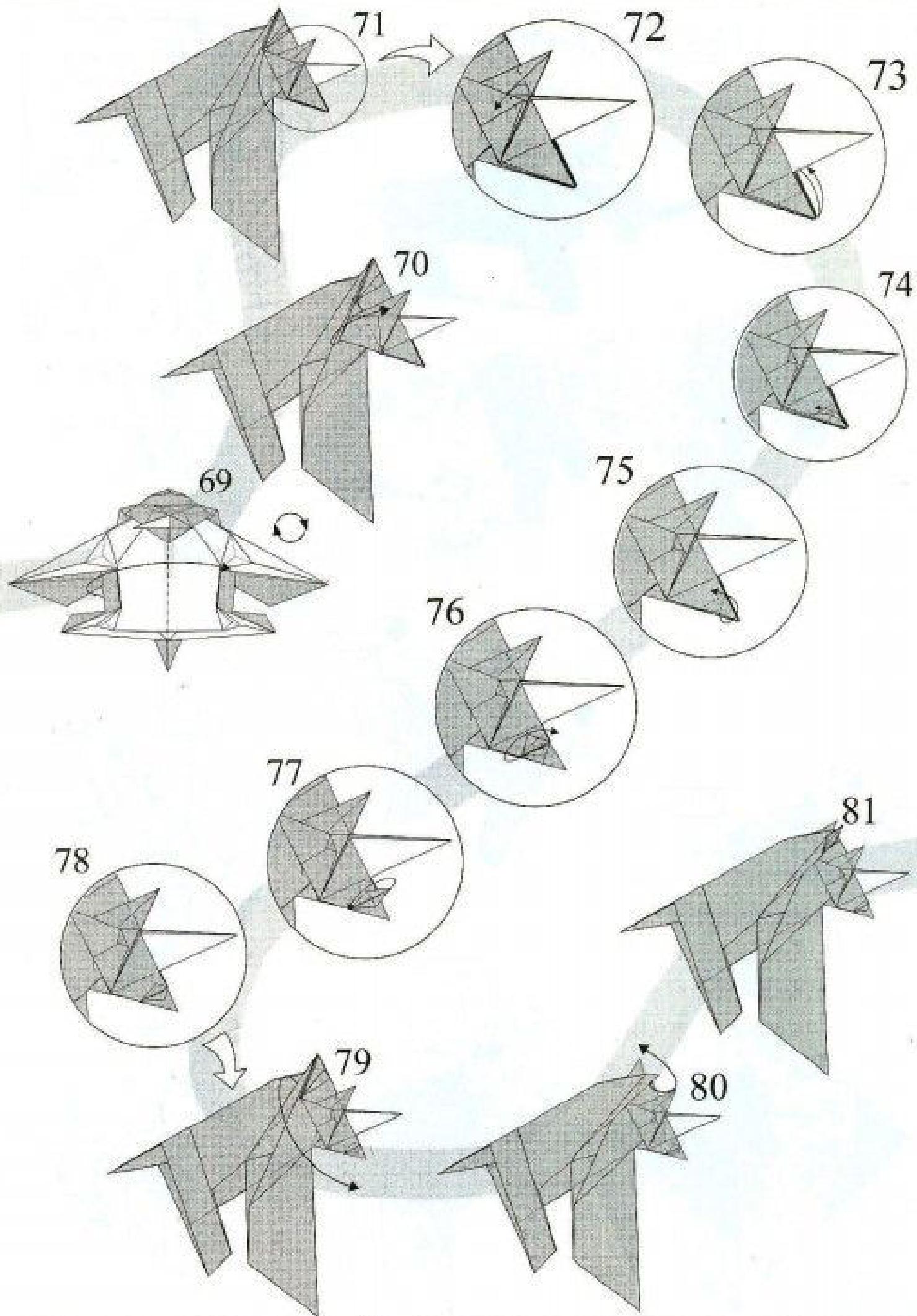




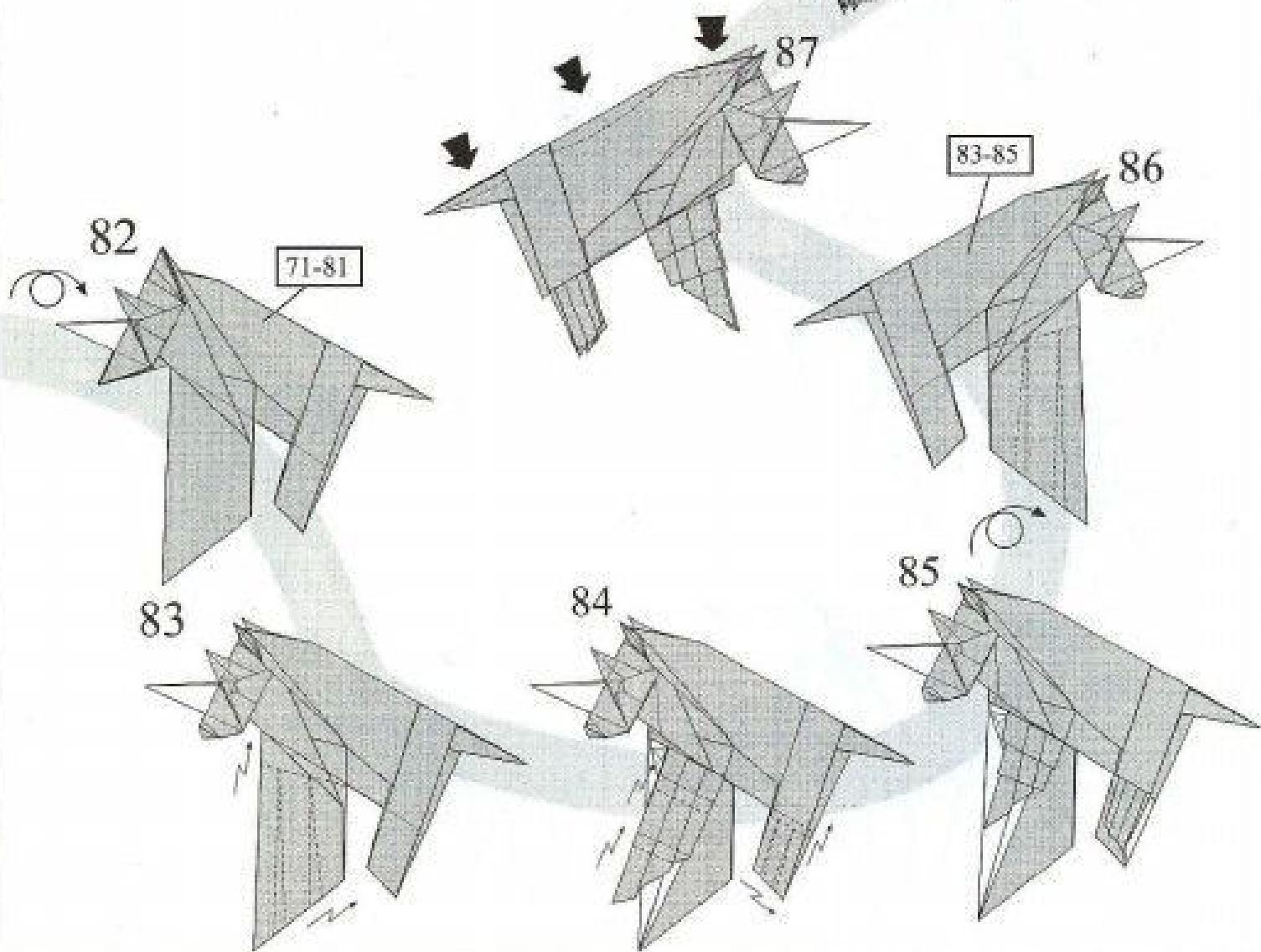
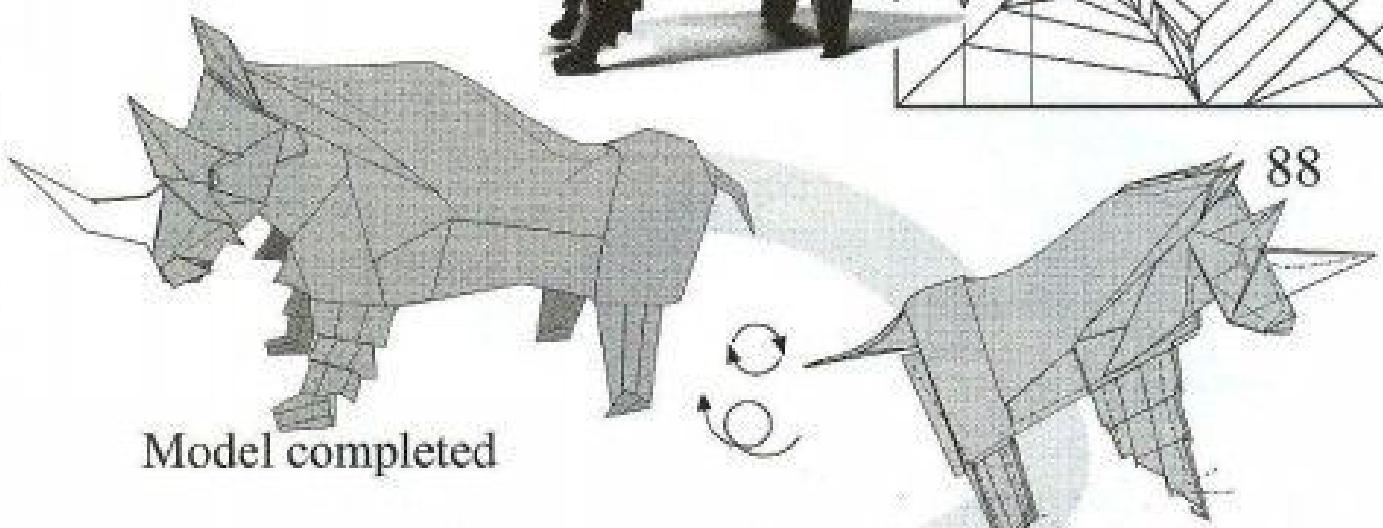
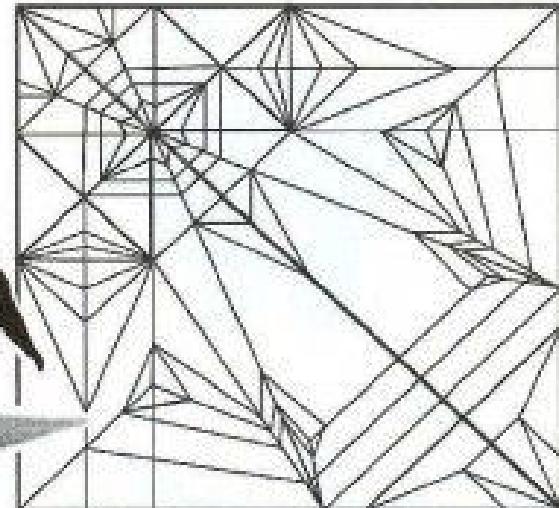


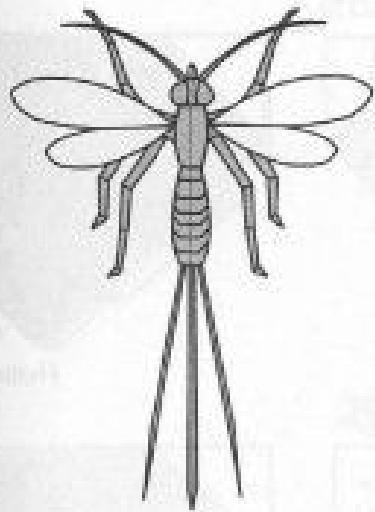






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Wasp-equestrian

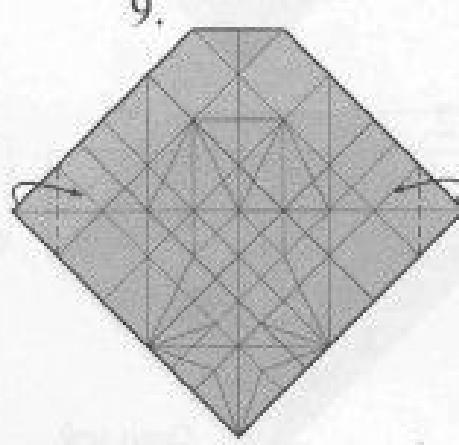
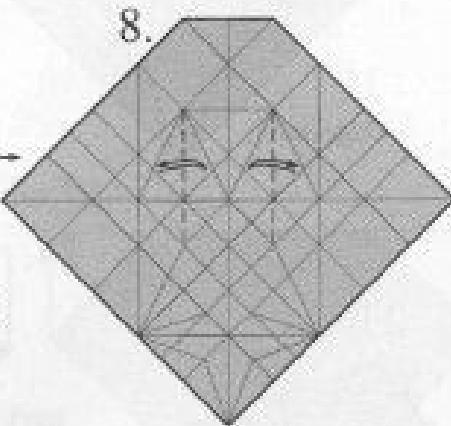
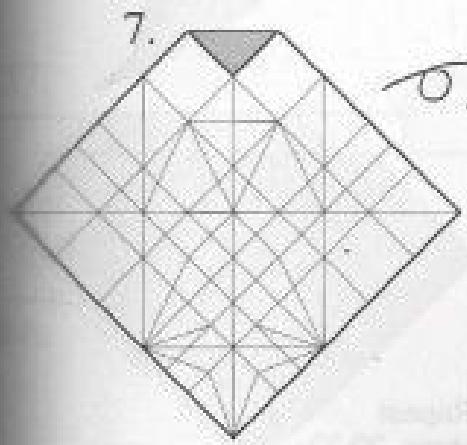
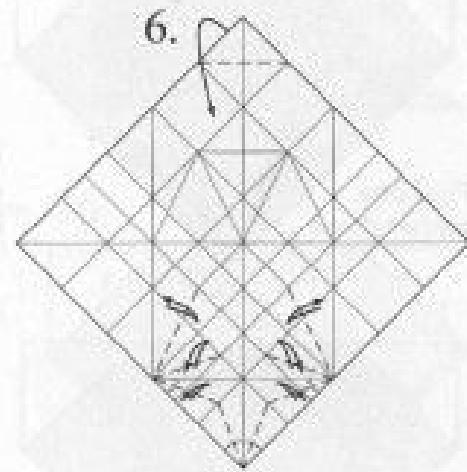
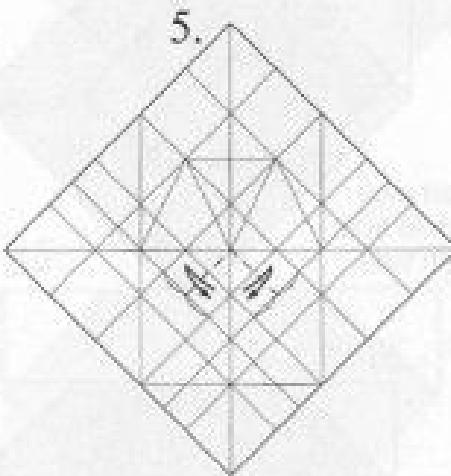
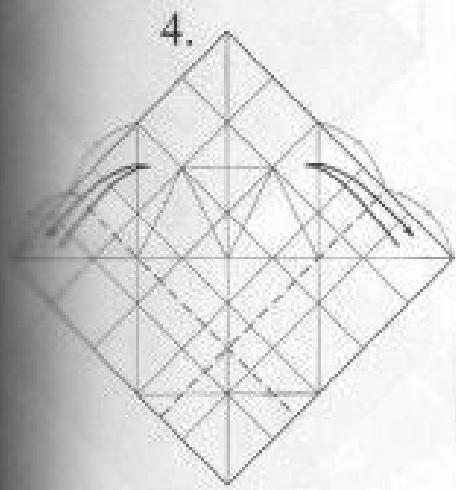
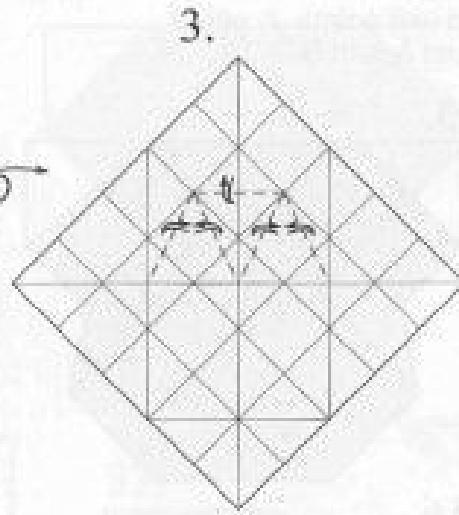
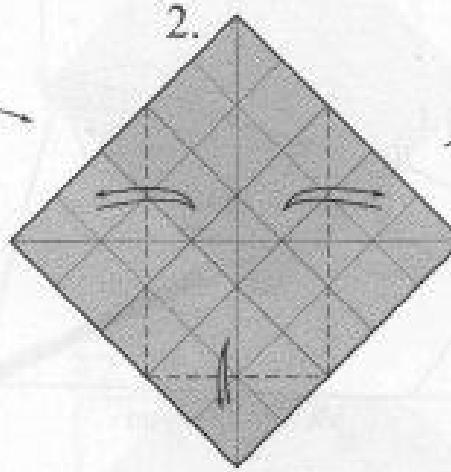
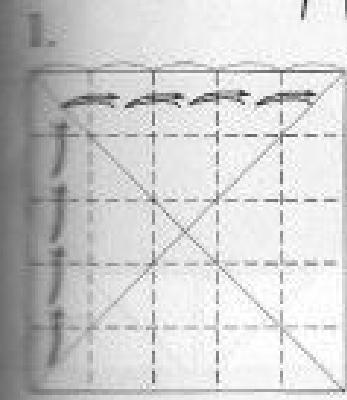
Model & diagram © Pavel Nikulshin

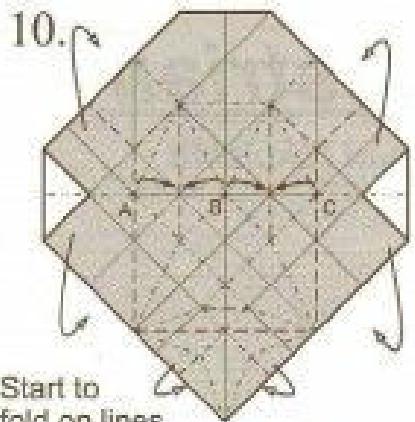
Paper : *Bicolor*

Side of square : 90 cm²

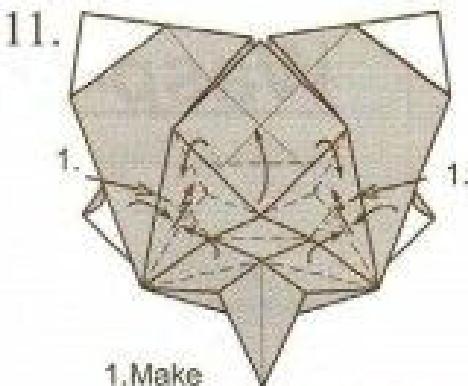
Density of paper : 60 g/m

Email npvru@mail.ru

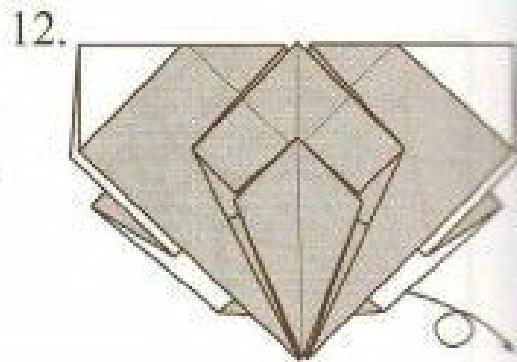




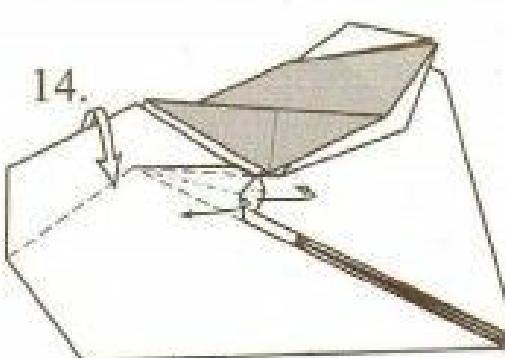
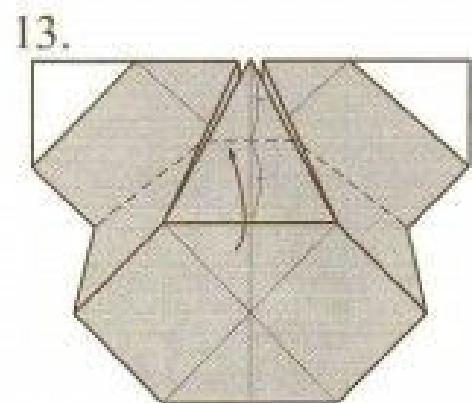
Start to fold on lines.
To unit points A with B
and A with N.



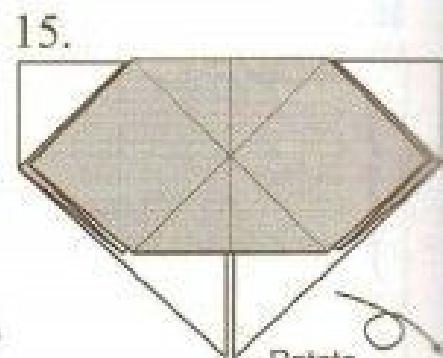
1. Make pleat-fold from both sides.
2. To push model on lines.



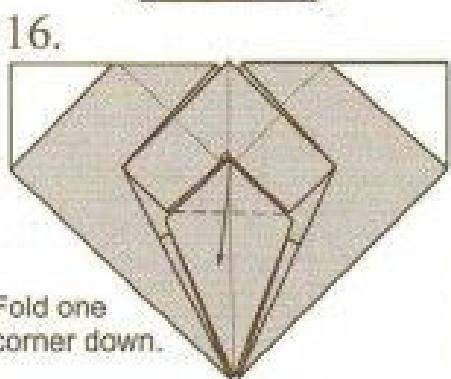
Rotate.



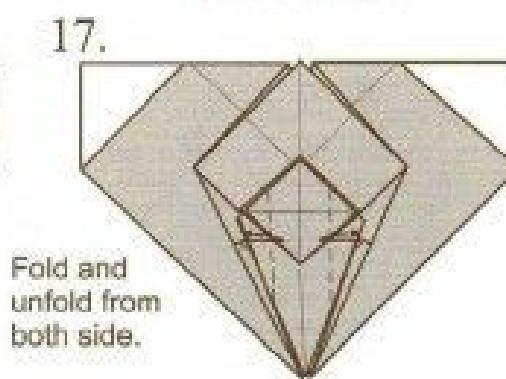
View from within



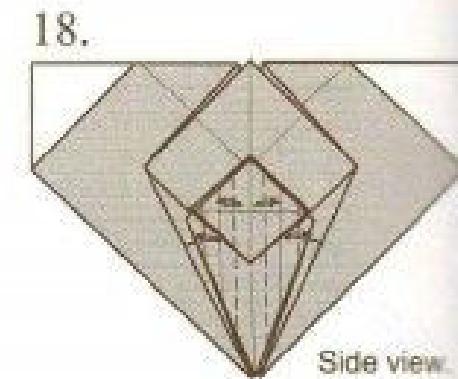
Rotate.



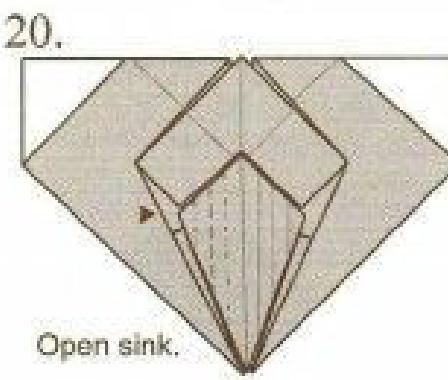
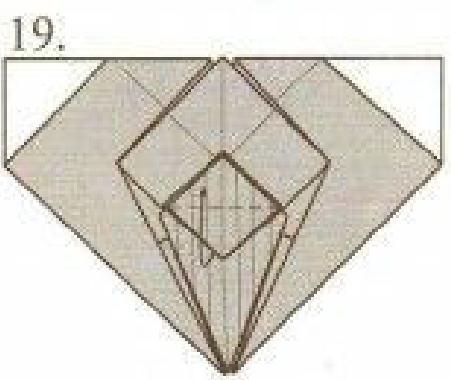
Fold one corner down.



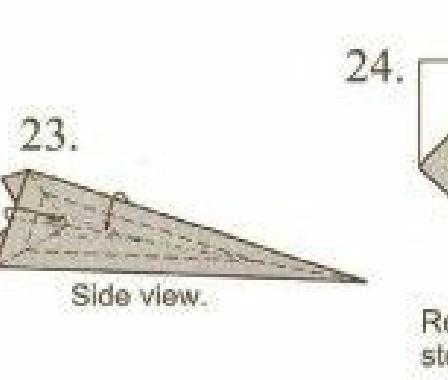
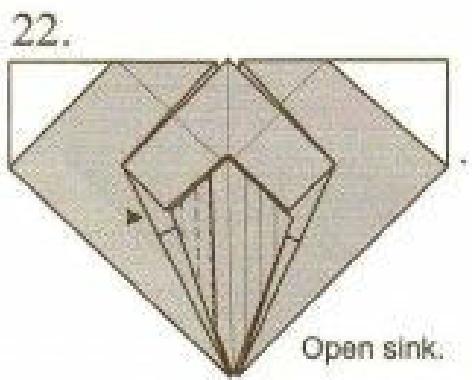
Fold and unfold from both side.



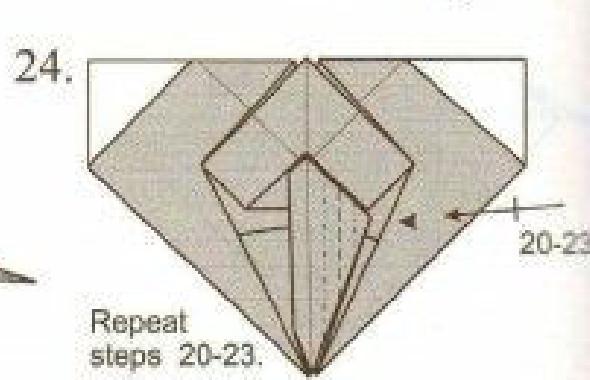
Side view.



Open sink.



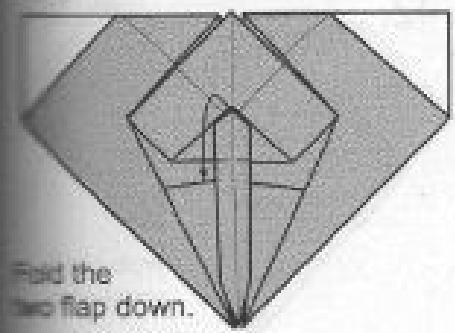
Side view.



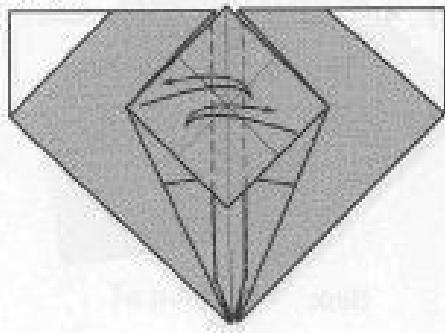
Repeat steps. 20-23.

20-23

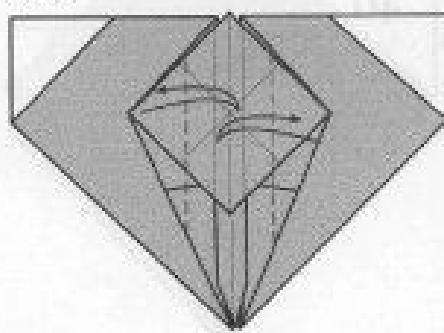
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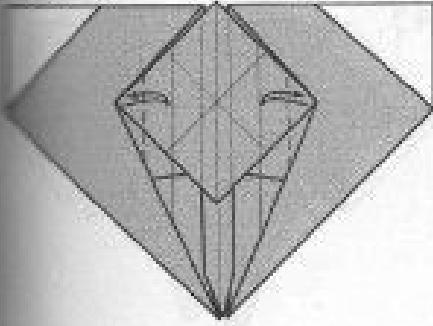
26.



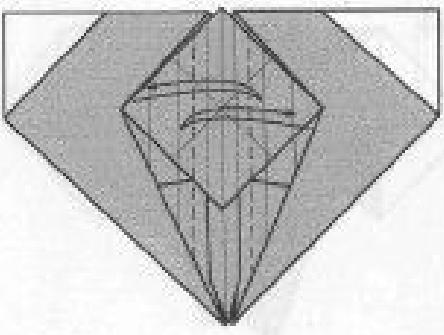
27.



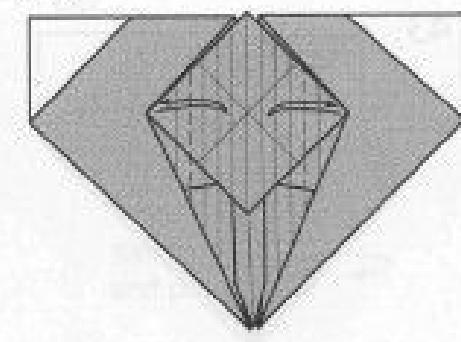
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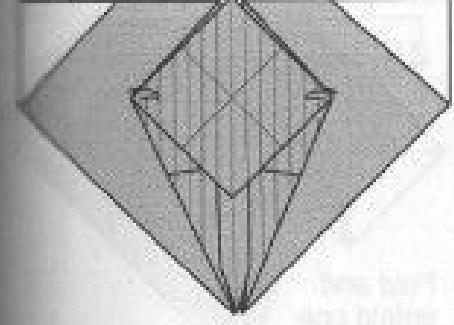
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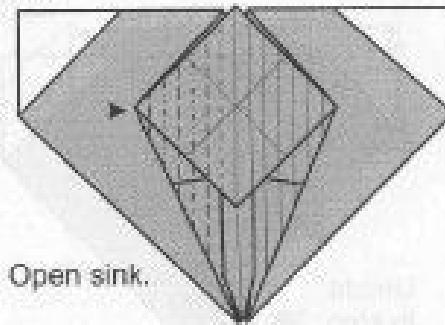
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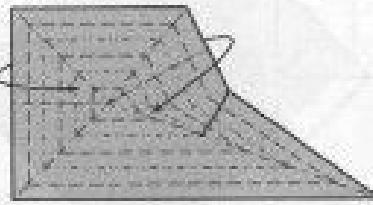
31.



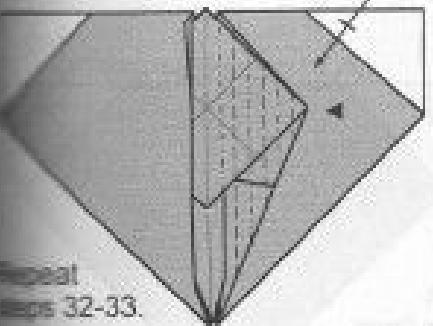
32.



33.

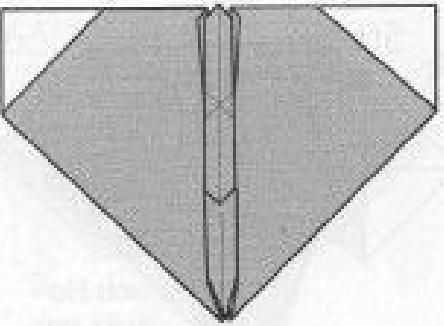


34.

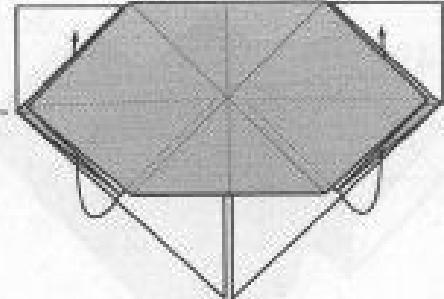


32-33

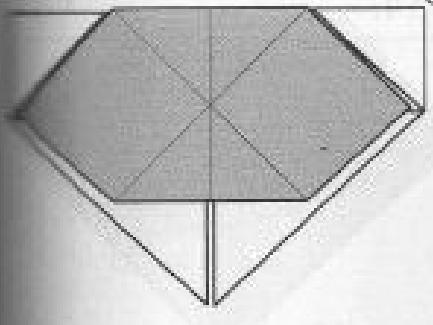
35.



36.

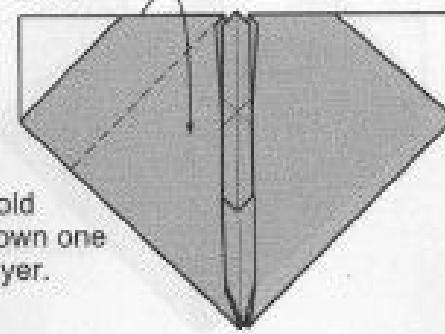


37.

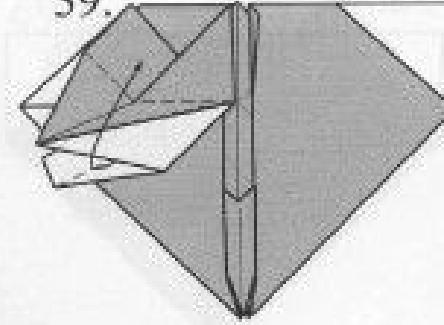


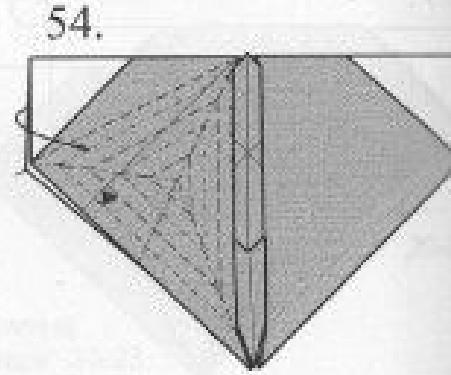
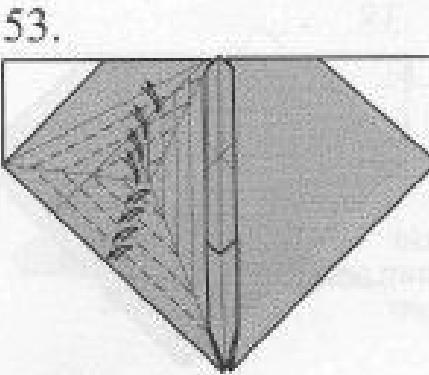
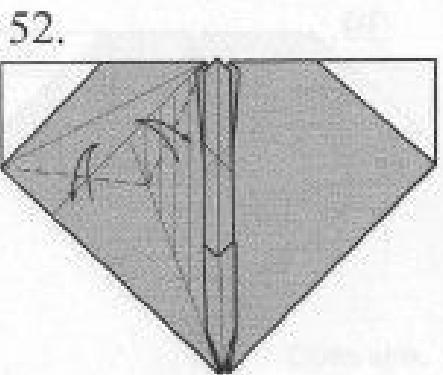
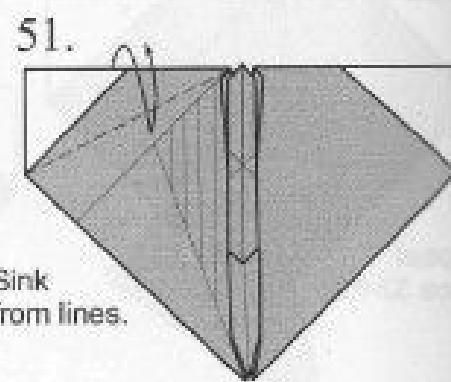
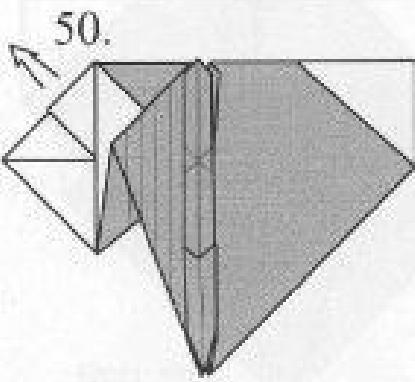
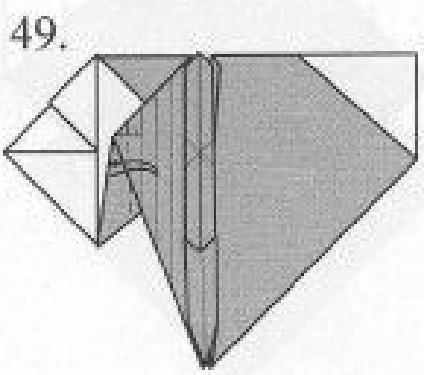
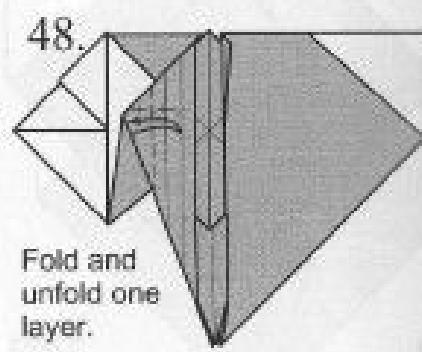
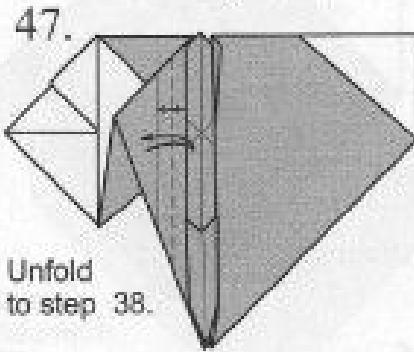
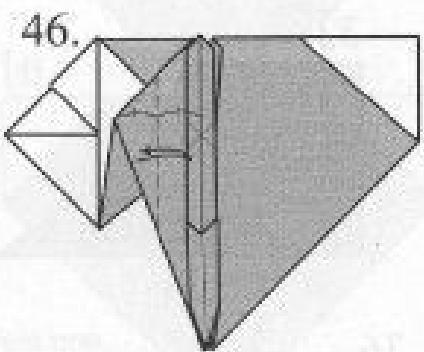
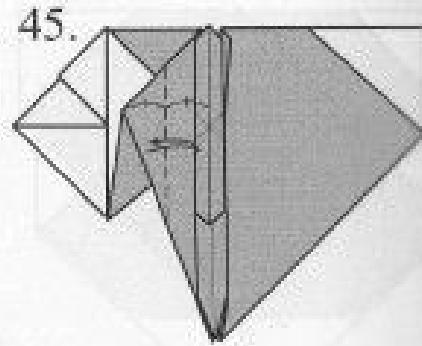
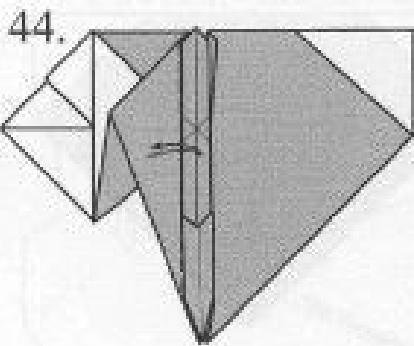
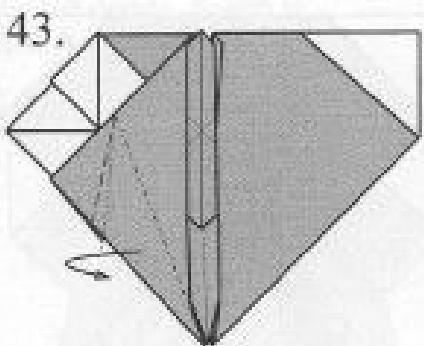
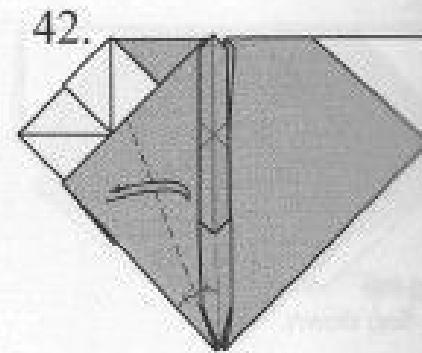
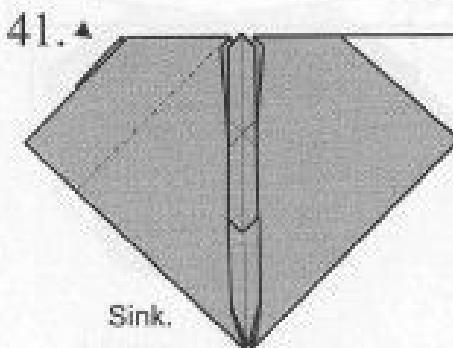
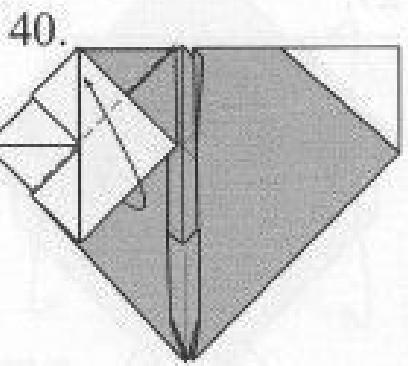
32-33

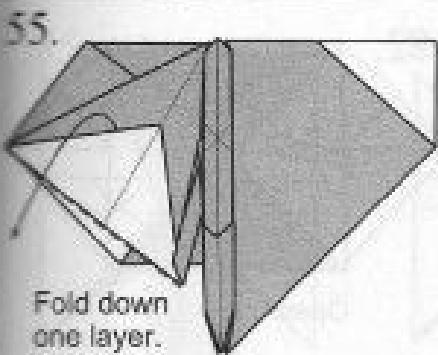
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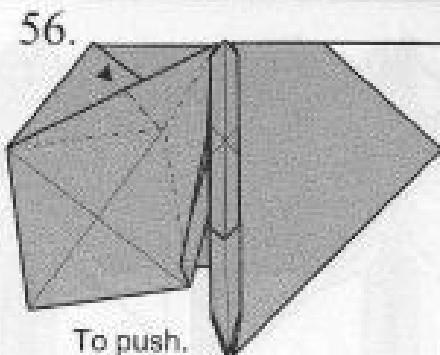
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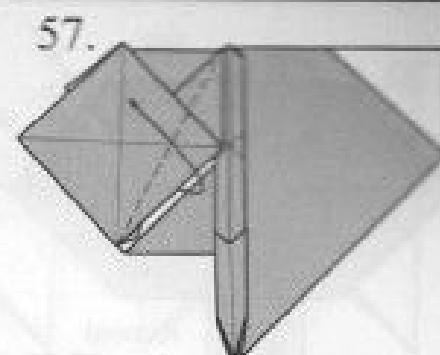




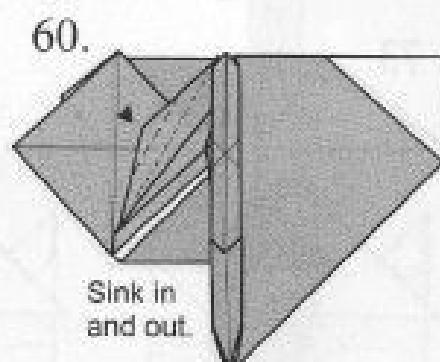
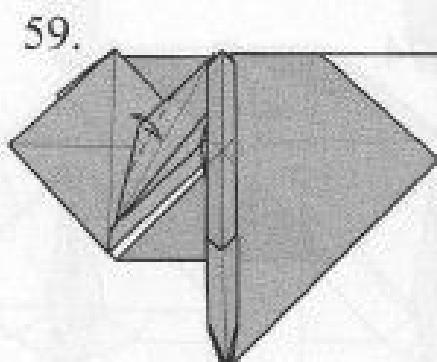
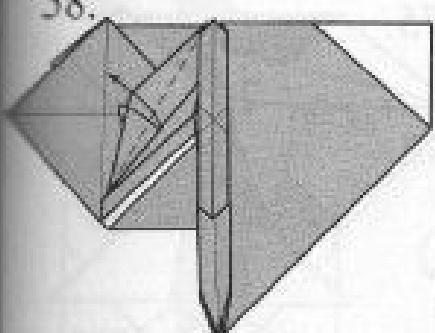
Fold down
one layer.



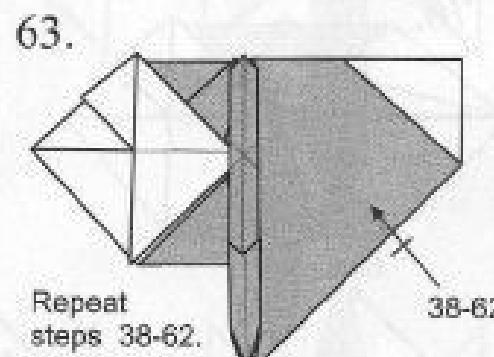
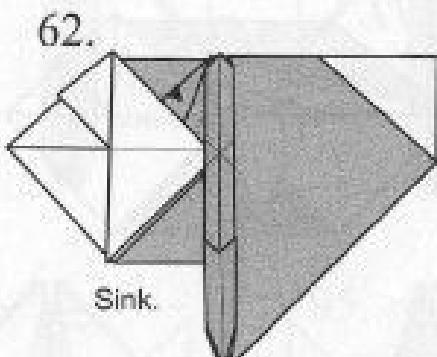
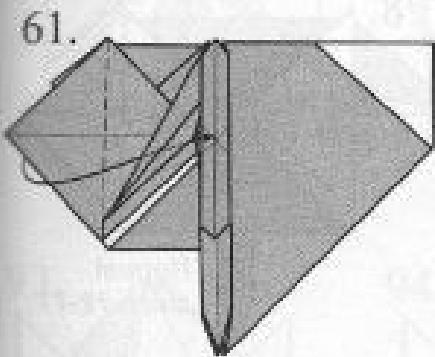
To push.



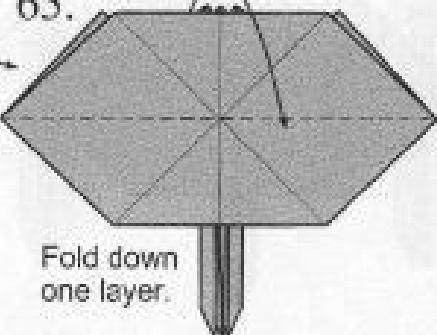
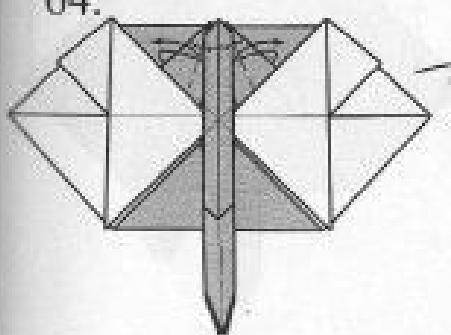
Sink in
and out.



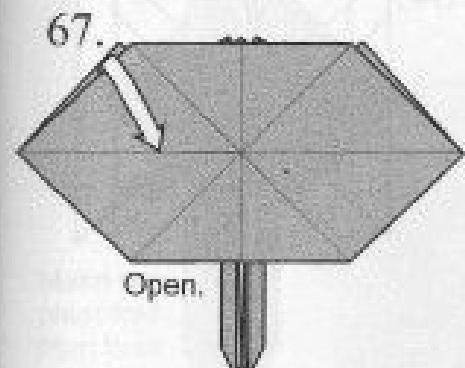
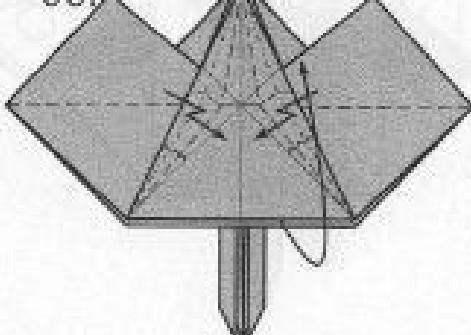
Sink in
and out.



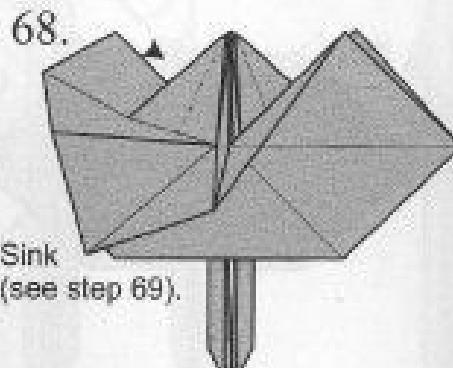
Repeat
steps 38-62.



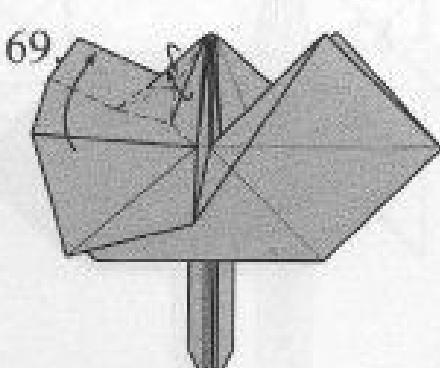
Fold down
one layer.

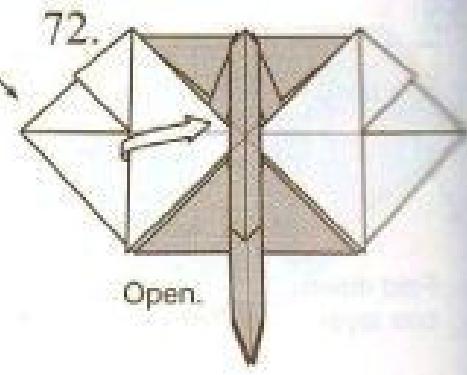
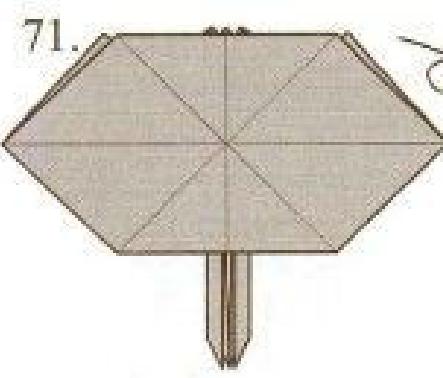
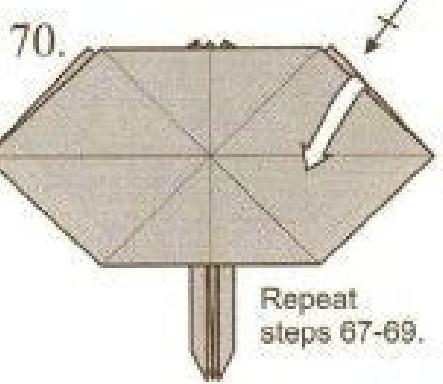


Open.

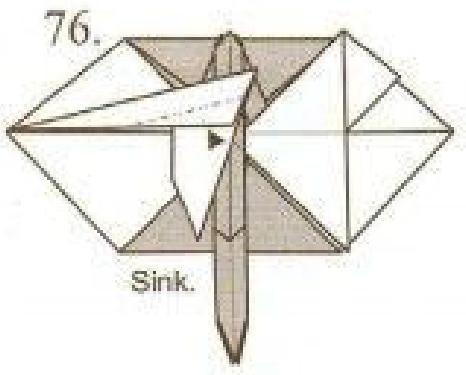
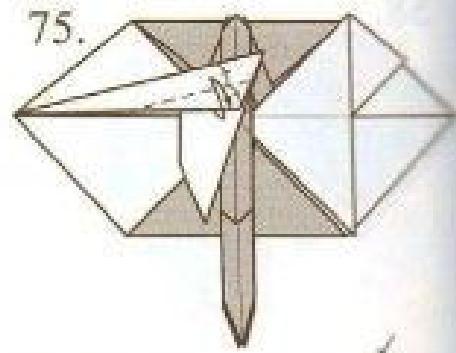
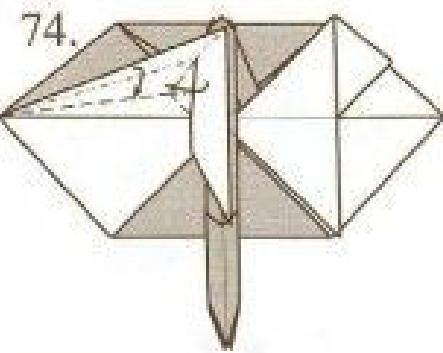
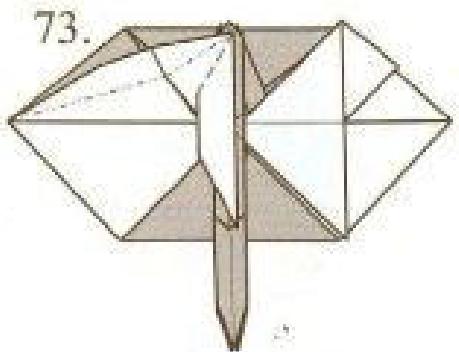


Sink
(see step 69).

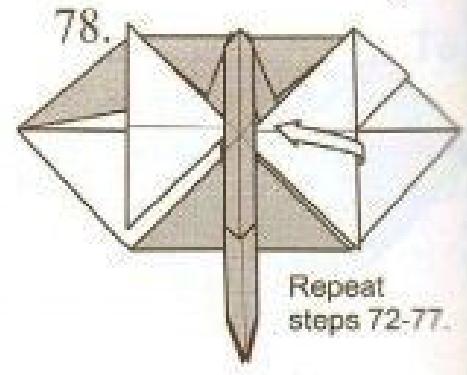
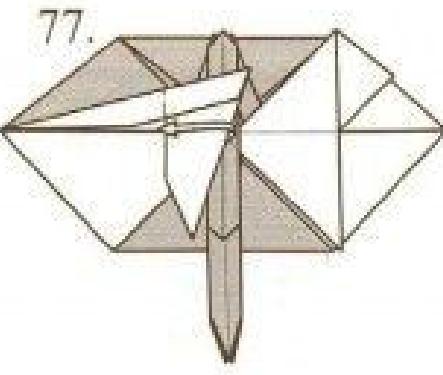




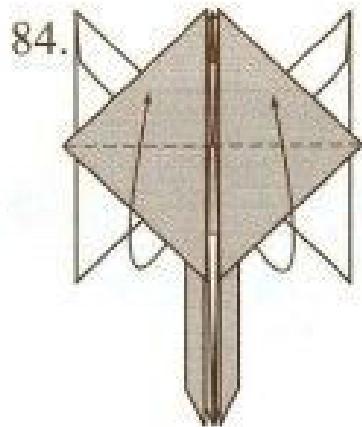
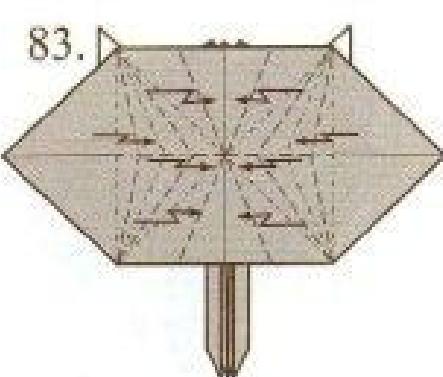
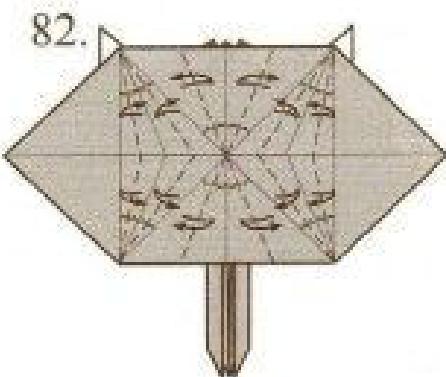
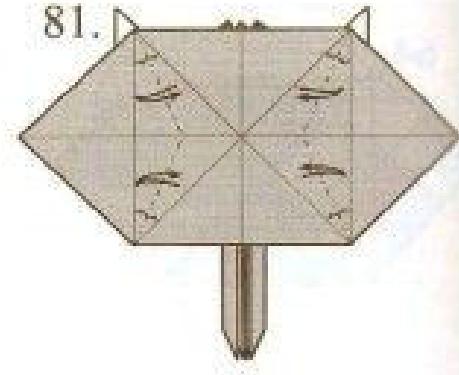
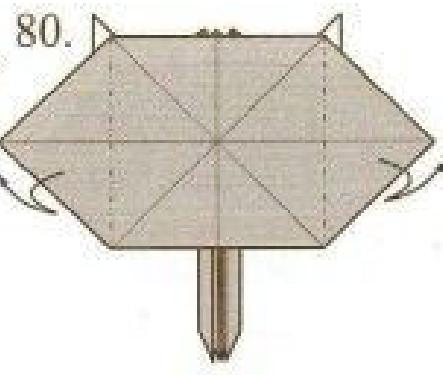
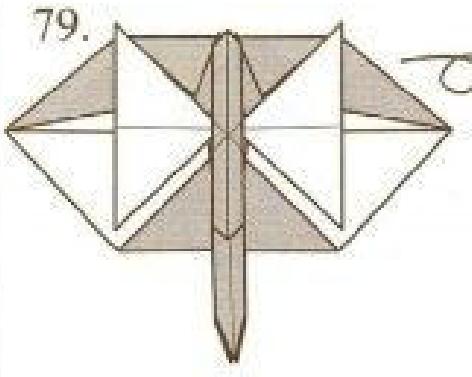
Repeat steps 67-69.

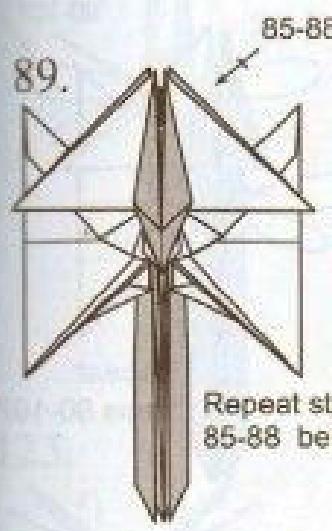
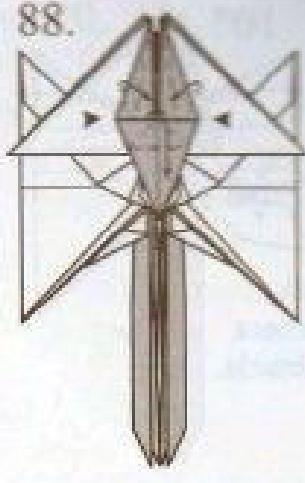
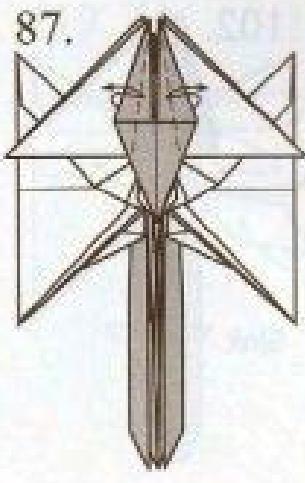
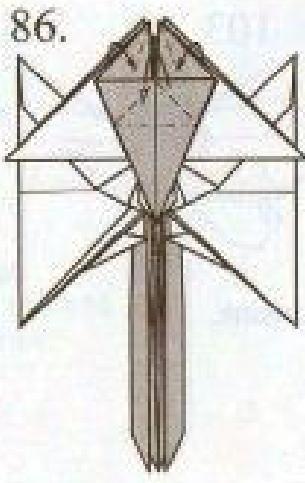
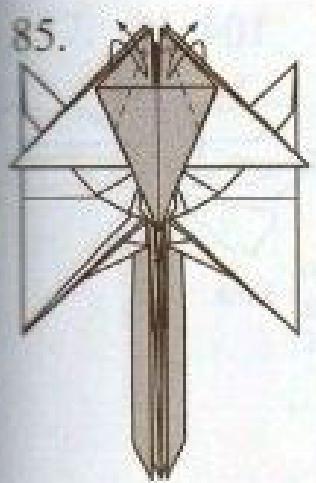


Sink.

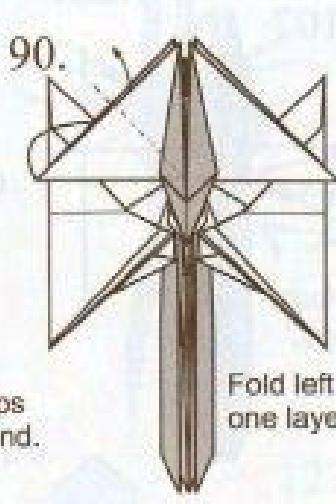


Repeat steps 72-77.

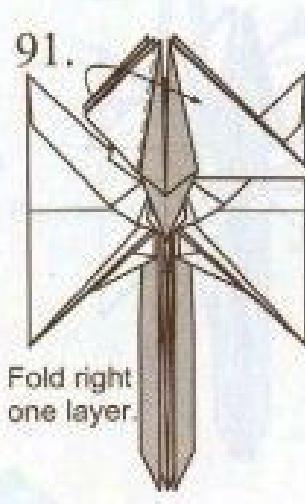




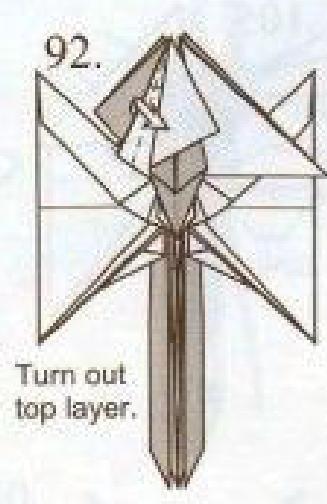
Repeat steps
85-88 behind.



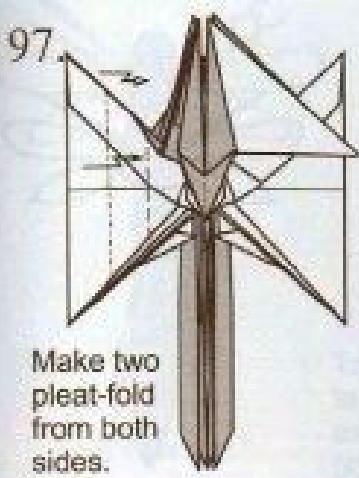
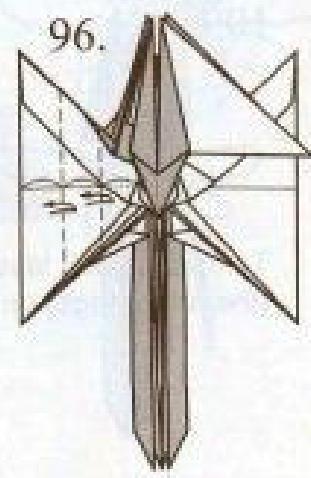
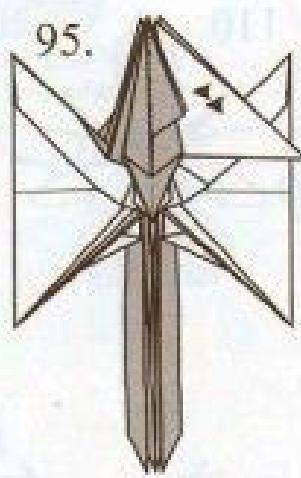
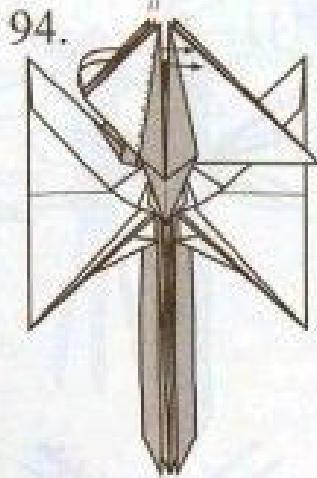
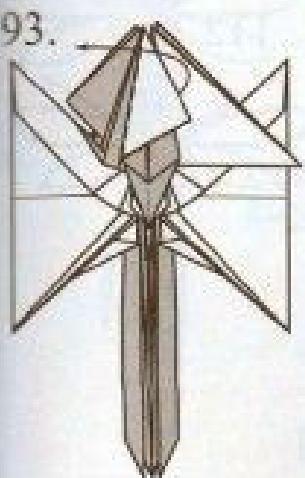
Fold left
one layer.



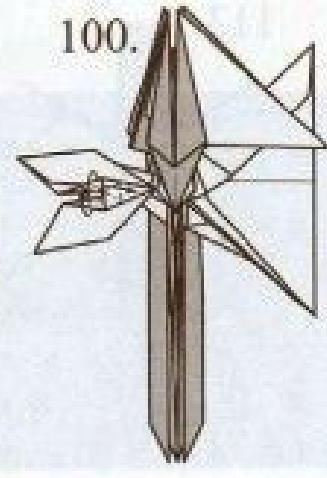
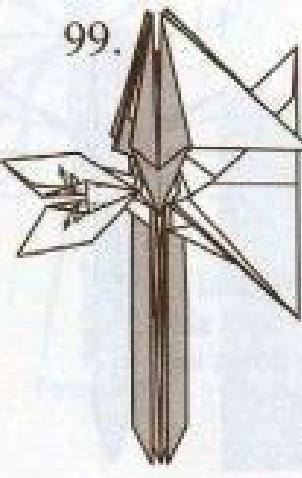
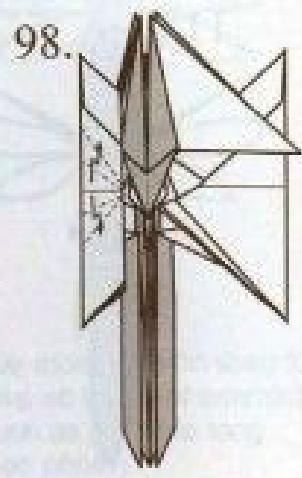
Fold right
one layer.

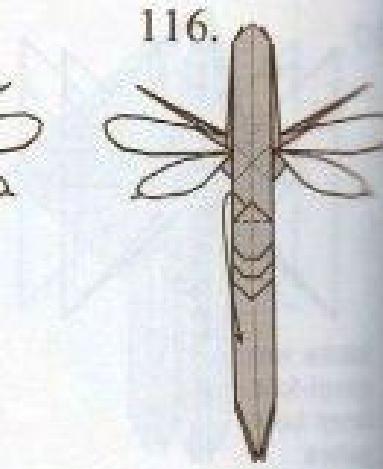
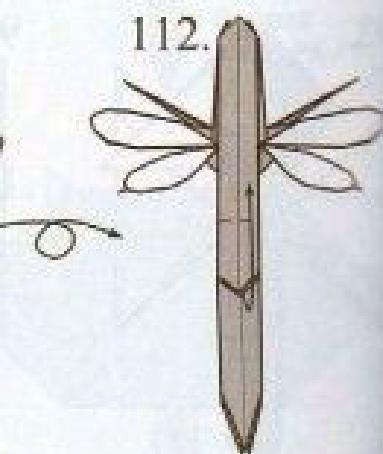
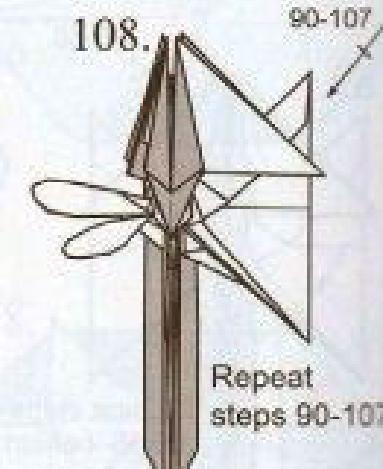
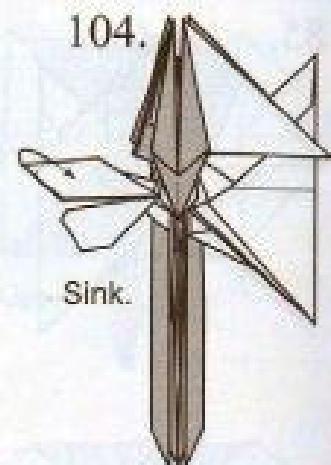
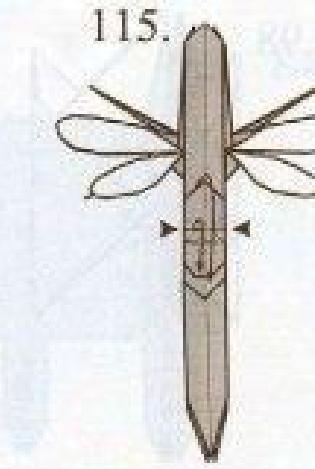
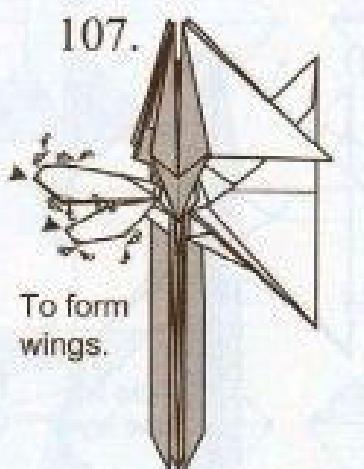
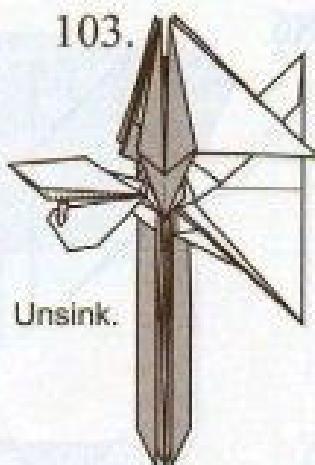
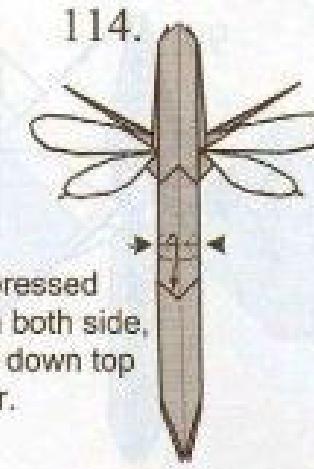
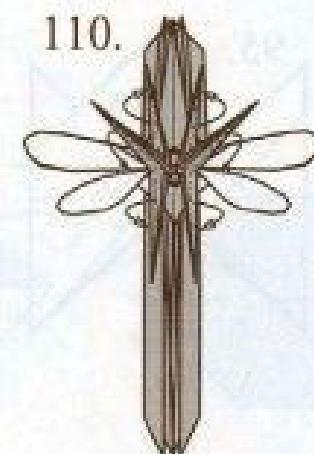
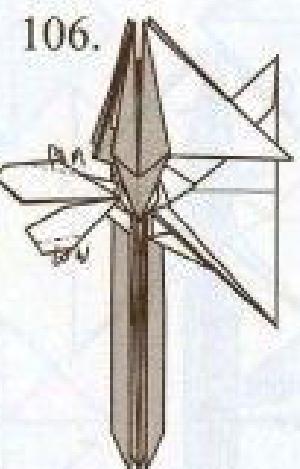
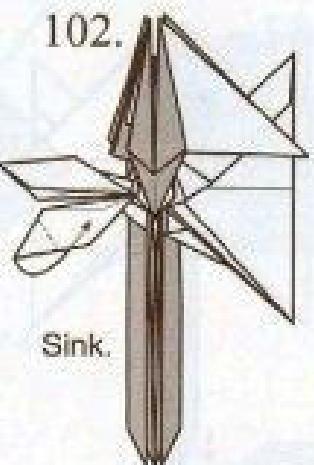
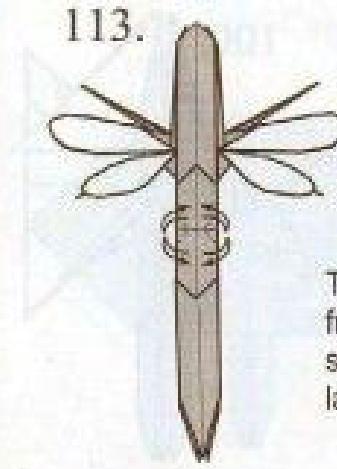
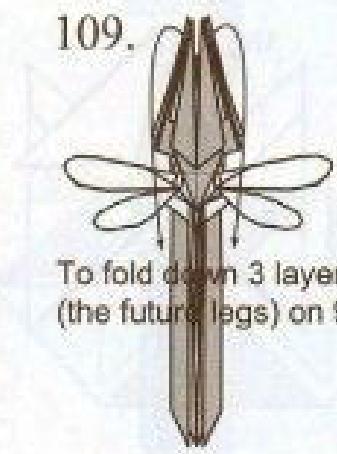
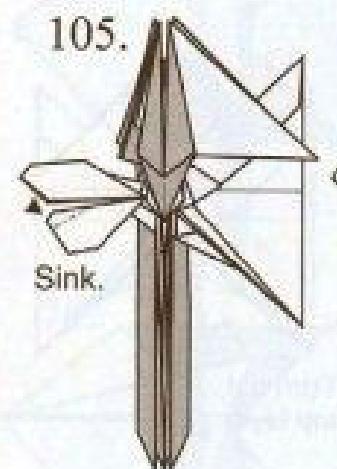
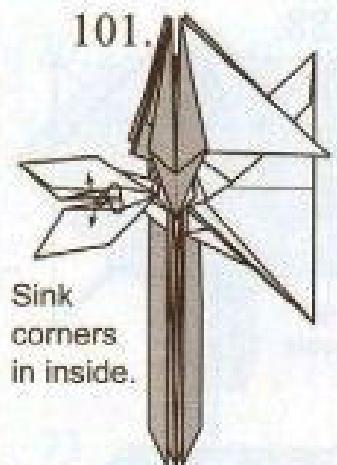


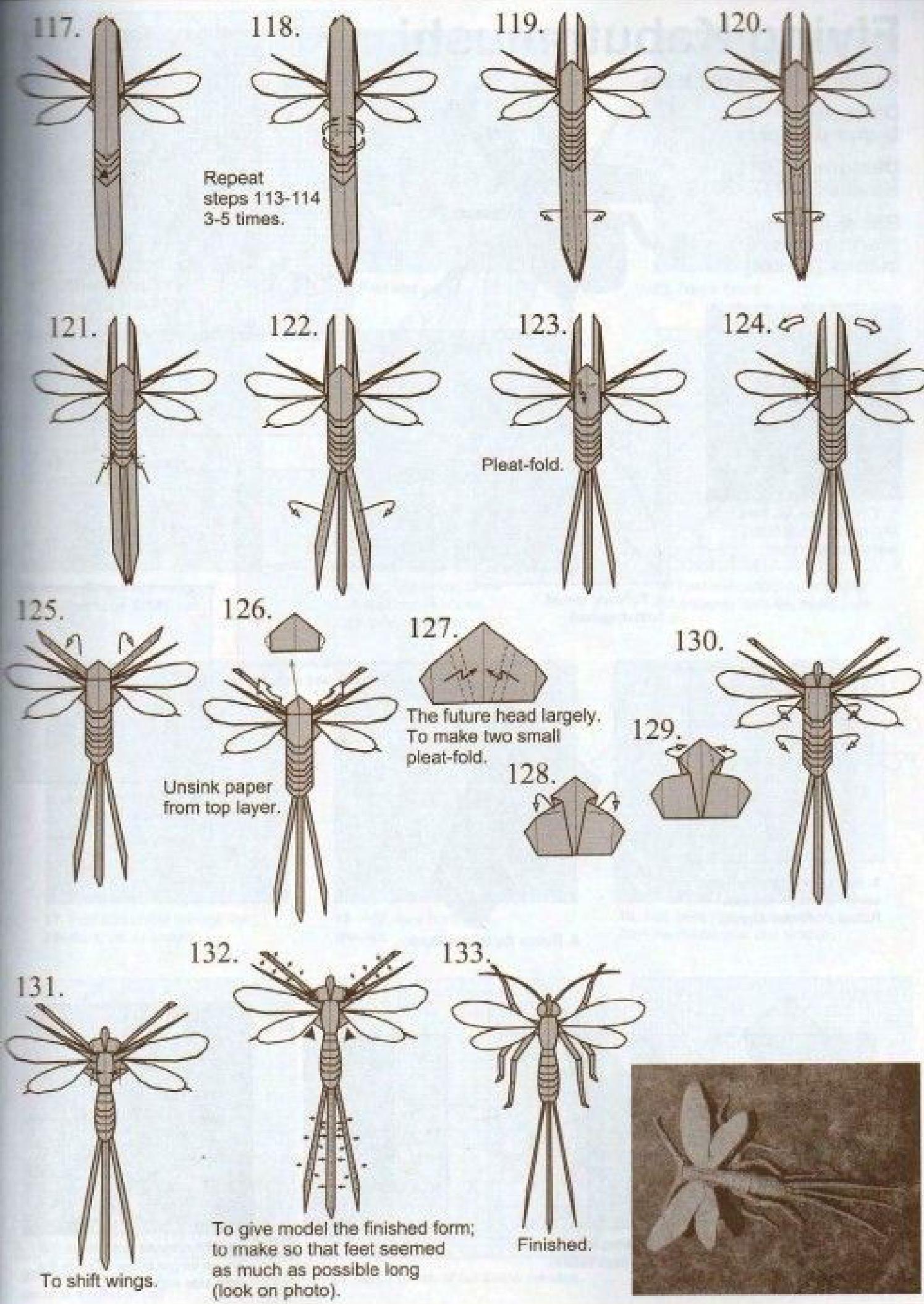
Turn out
top layer.



Make two
pleat-fold
from both
sides.







Flying Kabutomushi

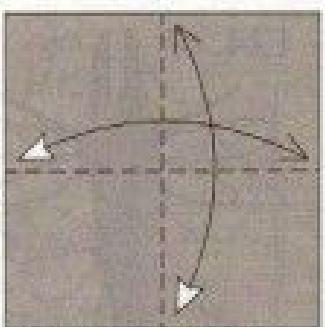
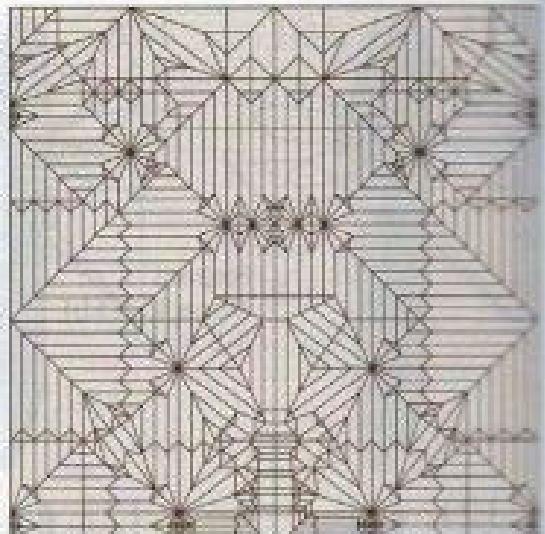
Designed by Shuki Kato

Difficulty: ****

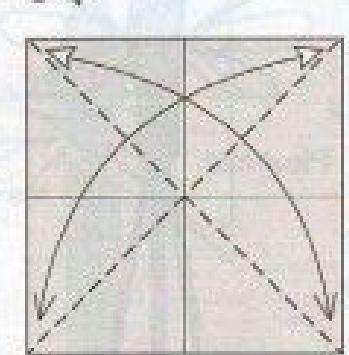
Super Complex

Designed: 2011;
Revised: 2012, 2013

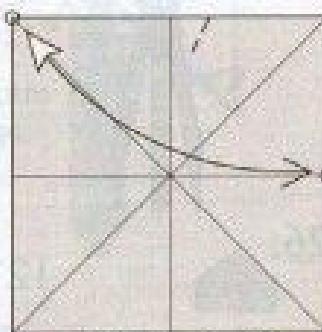
Recommended
starting size: 20
inches (50 cm)



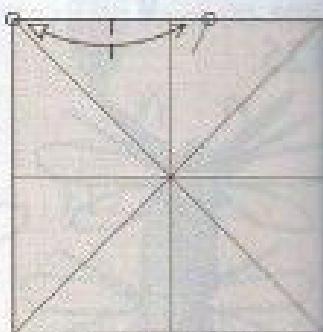
1. Colored side up. Fold and unfold in half both ways then turn over.



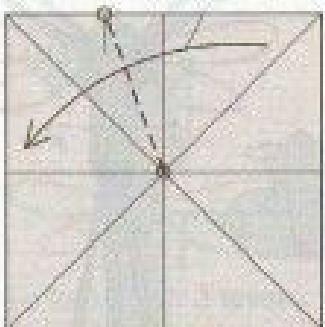
2. Fold and unfold both diagonals.



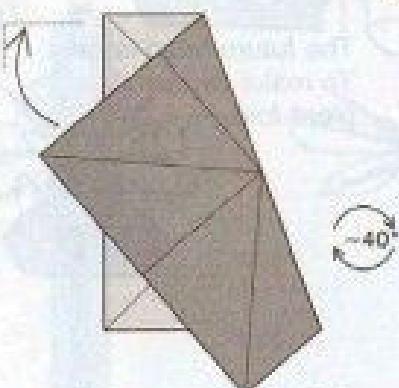
3. Pinch and unfold.



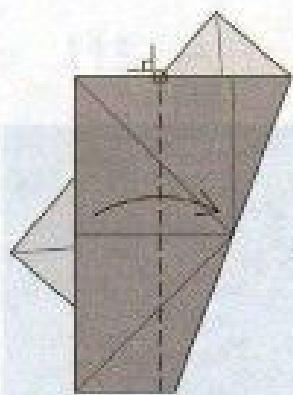
4. Pinch to the previous crease and unfold.



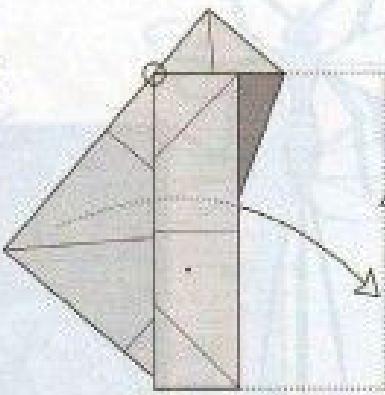
5. Fold over lightly from the center to the pinchmark. Rotate clockwise slightly.



6. Rotate the model slightly.



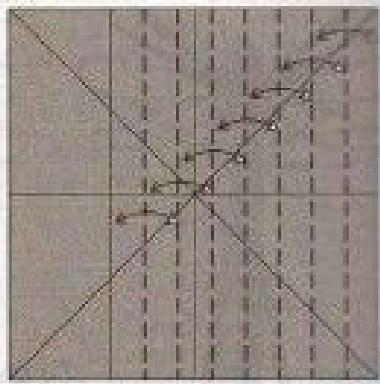
7. Fold over keeping the edge aligned.



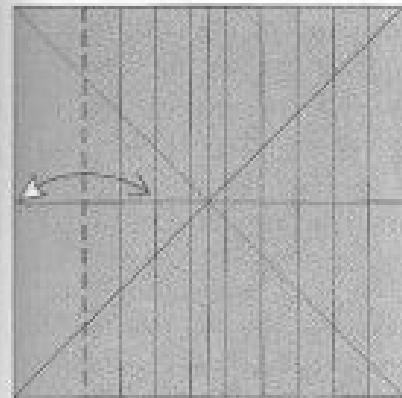
8. Bring the edge out from behind.



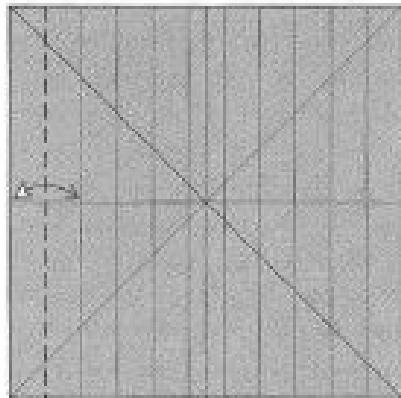
9. Unfold.



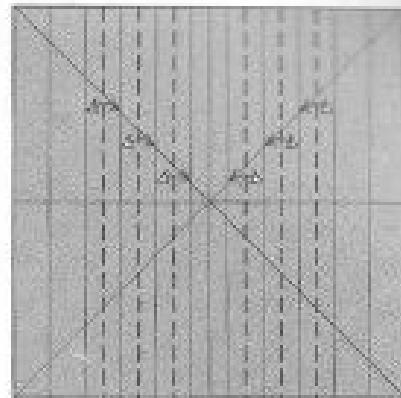
10. The creases from steps 3-5 are no longer shown. Divide the right side into eighths.



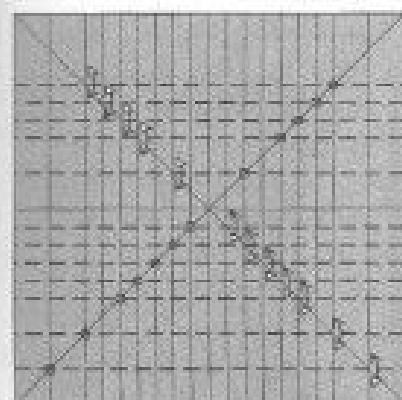
11. Fold and unfold to the second crease from the left.



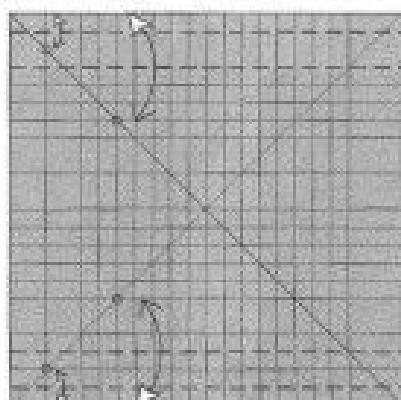
12. Fold and unfold.



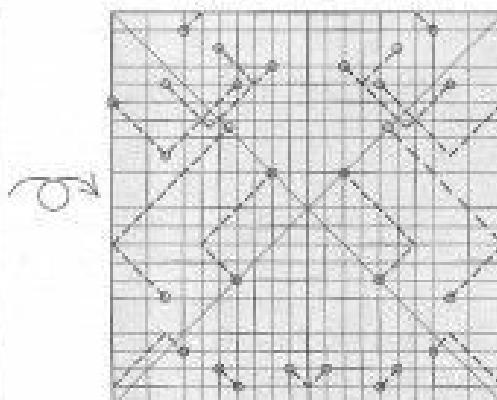
13. Divide further.



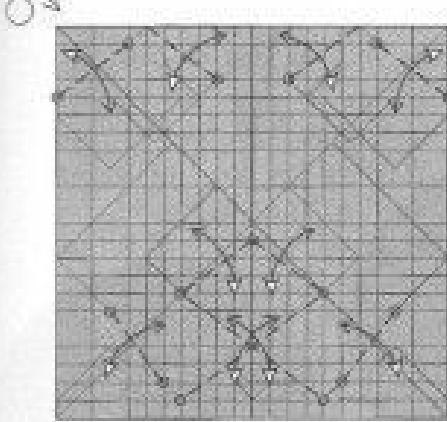
14. Fold and unfold through the intersections as shown.



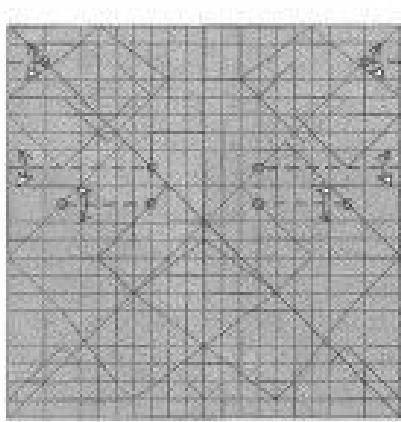
15. Fold and unfold to the intersections as shown. Turn the model over.



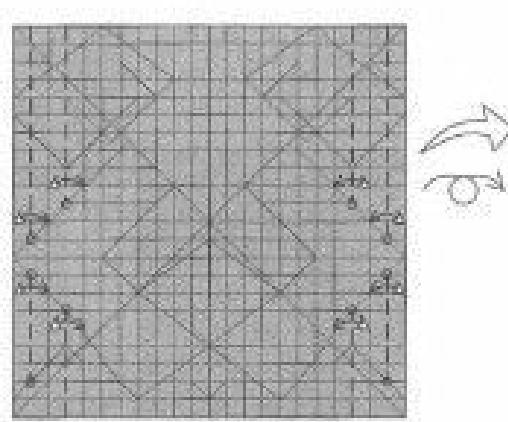
16. Fold and unfold the following 45° creases. Turn the model over.



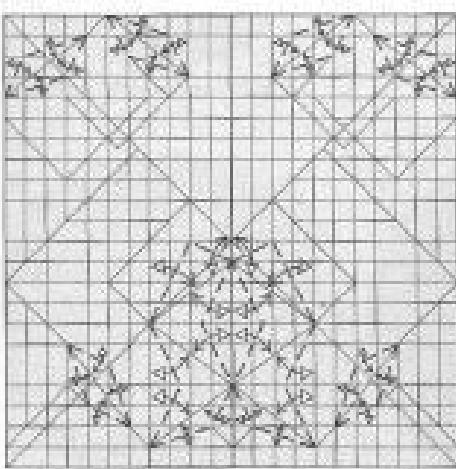
17. Fold and unfold through the intersections as shown.



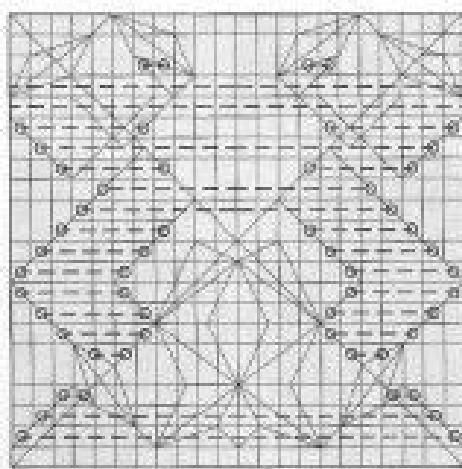
18. Add more horizontal creases.



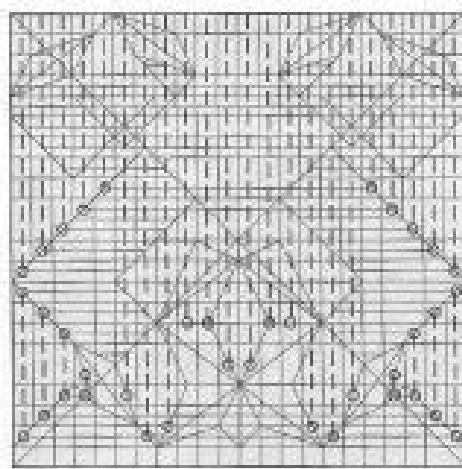
19. Add more vertical creases. Turn the model over and enlarge.



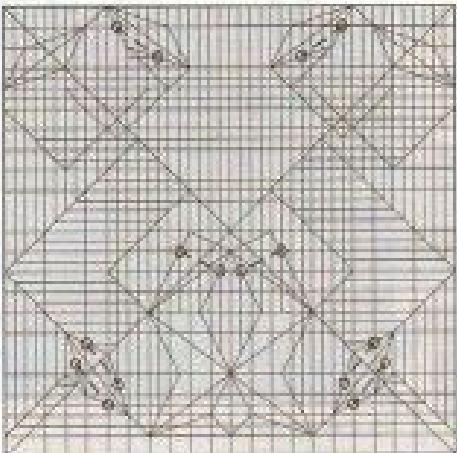
20. Fold and unfold the unusual angles in half.



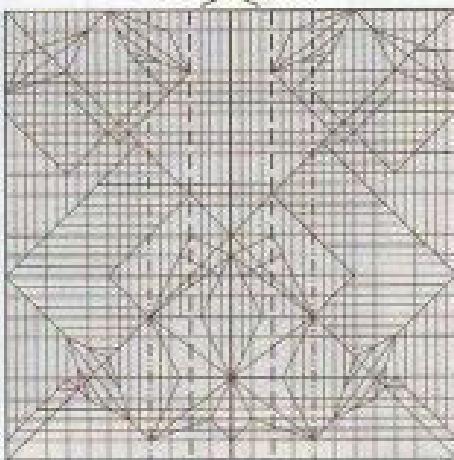
21. Add a bunch of horizontal creases.



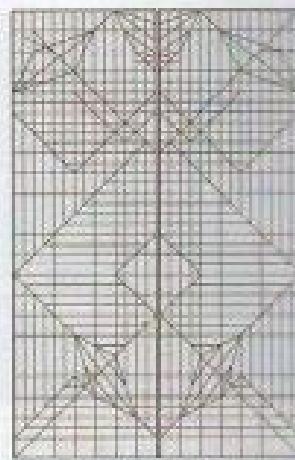
22. Add a bunch of vertical creases.



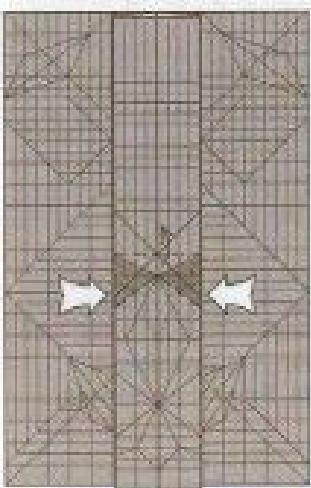
23. Add these final creases.



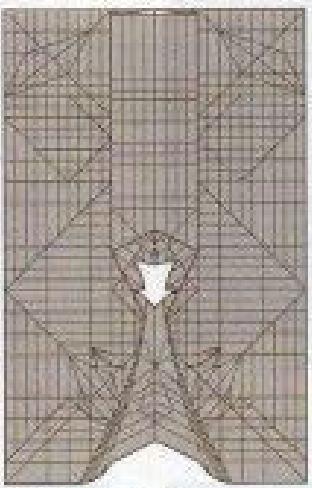
24. Pleat to the center.



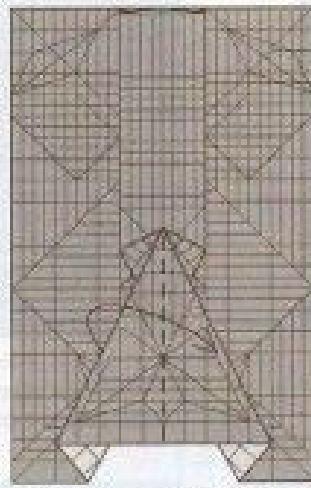
25. Turn the model over.



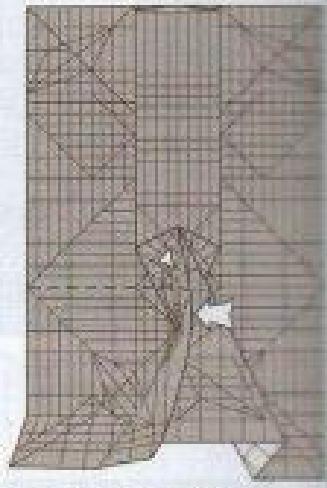
26. Push the sides in on existing creases. The model will not lie flat.



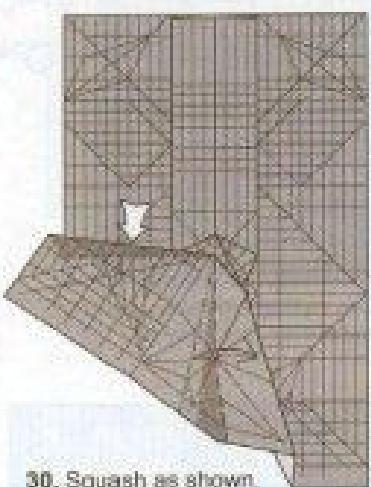
27. Squash-fold the center edge.



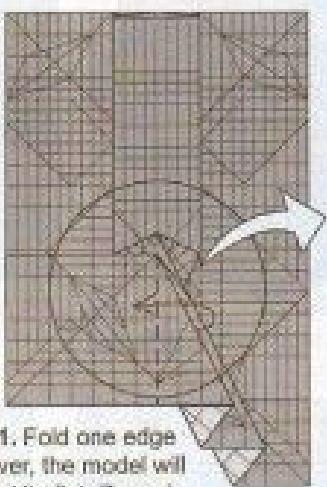
28. Open the pocket on the left. The model will not lie flat.



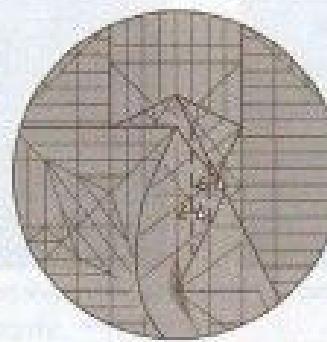
29. Invert the pocket.



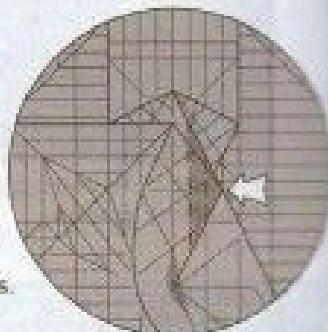
30. Squash as shown.



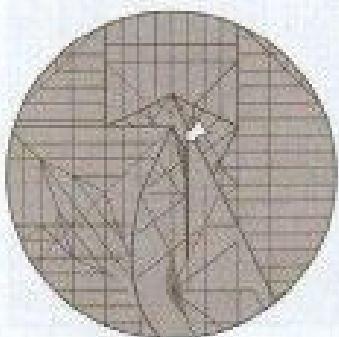
31. Fold one edge over, the model will not lie flat. Zoom in.



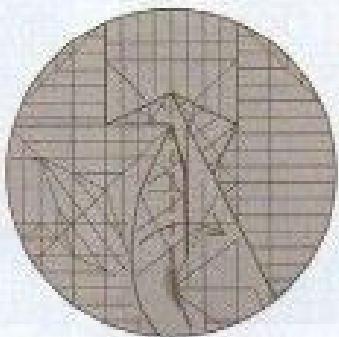
32. Fold and unfold into thirds using existing creases as guides.



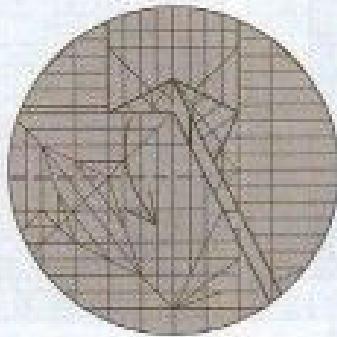
33. Open-sink in and out.



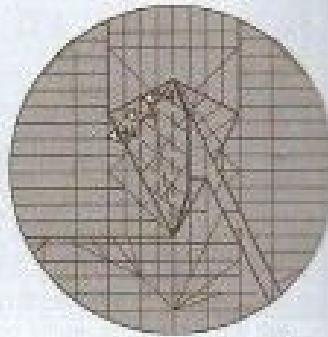
34. Sink (spread-sink then close) the corner.



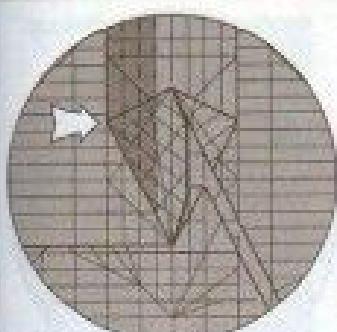
35. Fold the edge back over.



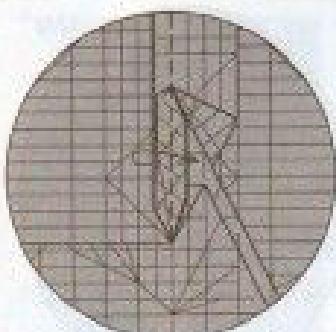
36. Fold the flap down.



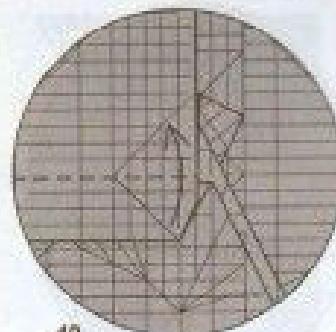
37. Fold and unfold into fourths.



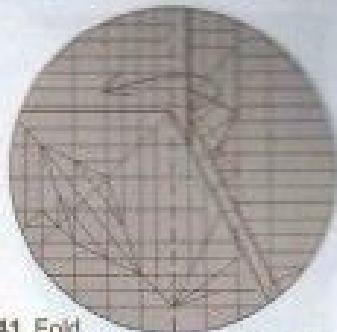
38. Open-sink in and out.



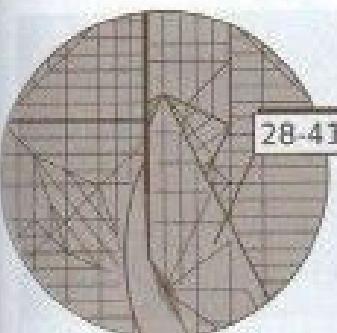
39. Fold all of the sunken edges to the right.



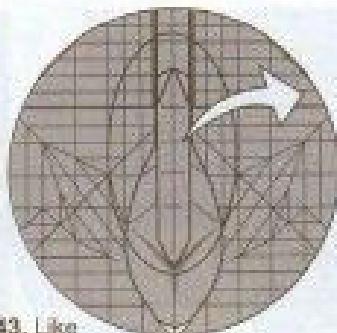
40. Fold the flap back up.



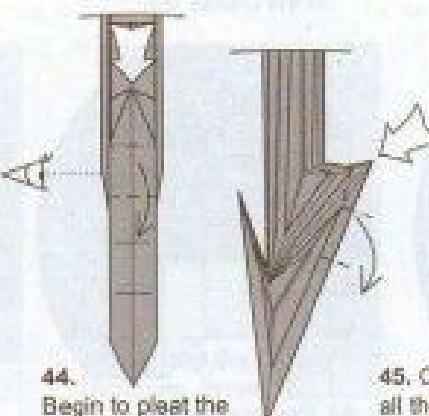
41. Fold all the sunken edges back to the left. The model will not lie flat.



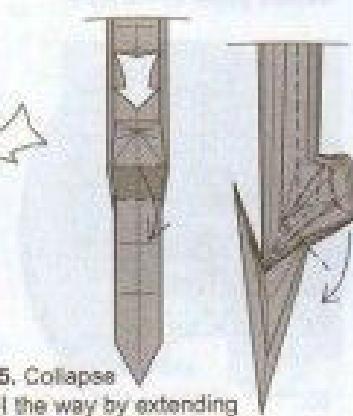
42. Repeat steps 28-41 on this side.



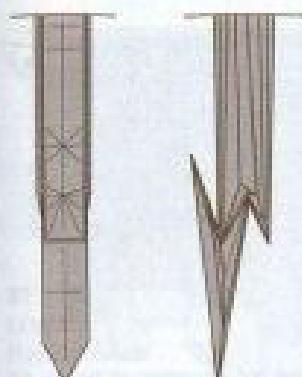
43. Like this. Now focus on only the layers along the center.



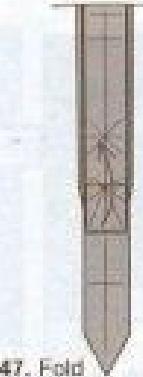
44. Begin to pleat the top layers as shown.



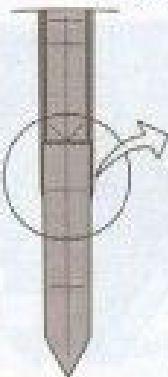
45. Collapse all the way by extending the vertical pleats as far as possible.



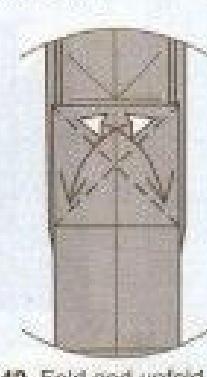
46. Like this.



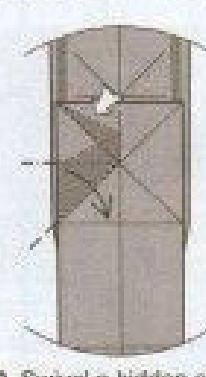
47. Fold the small flap up.



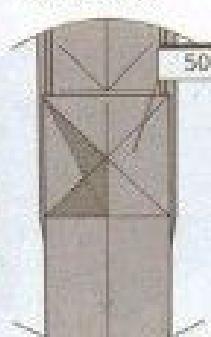
48. Zoom in.



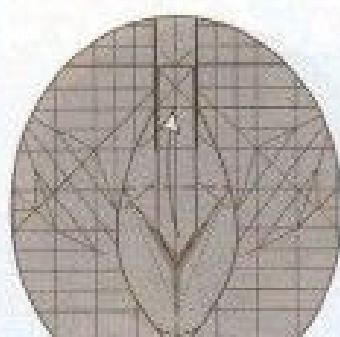
49. Fold and unfold.



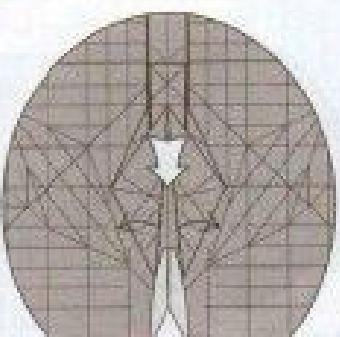
50. Swivel a hidden edge.



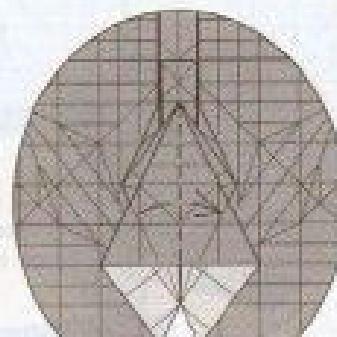
51. Like so. Repeat step 50 on the right.



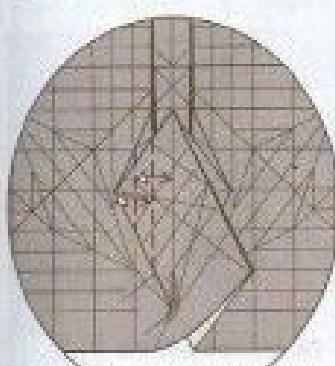
52. Invert the flap.



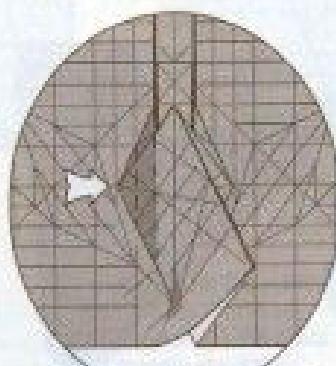
53. Squash flat.



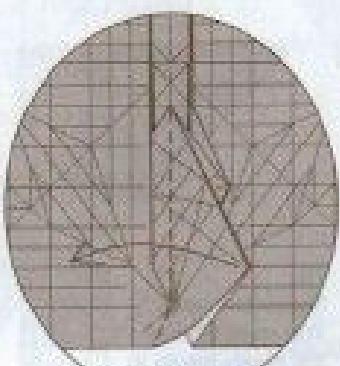
54. Fold one layer to the right.



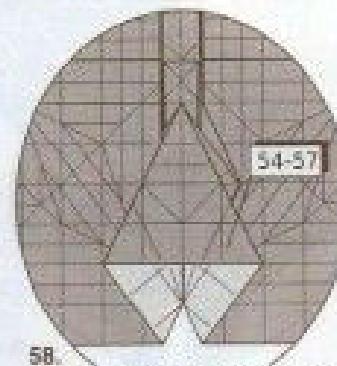
55. Fold and unfold into thirds.



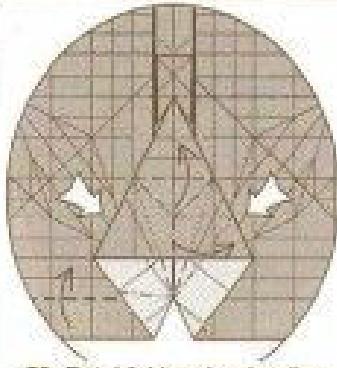
56. Open-sink in and out.



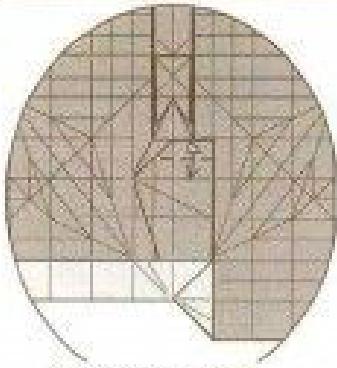
57. Close back up.



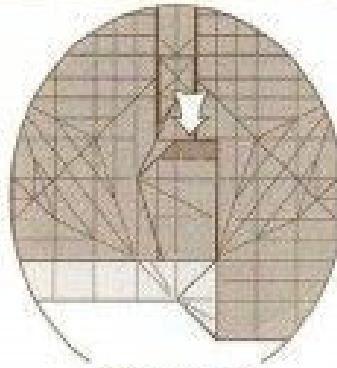
58. Repeat steps 54-57 on the right.



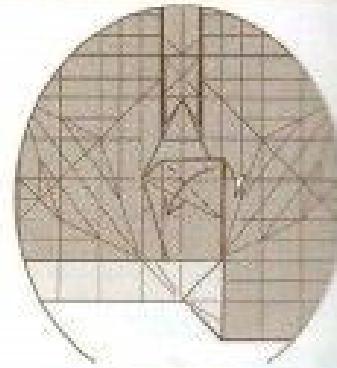
69. Petal-fold and swing the excess paper to the right.



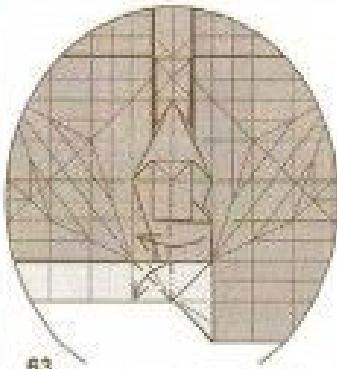
70. Fold and unfold to the crease line.



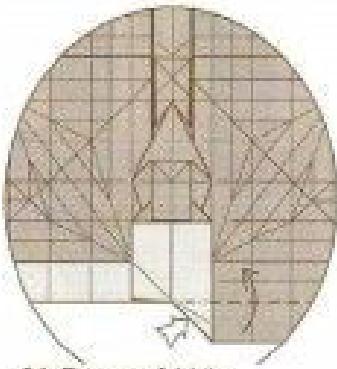
71. Open-sink.



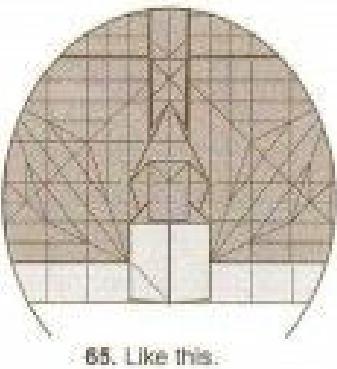
72. Spread out the sink.



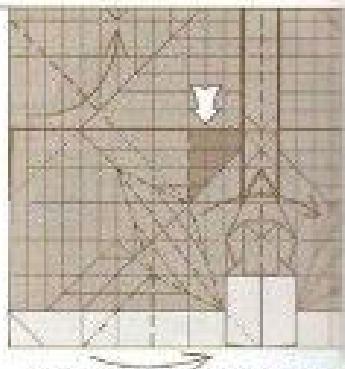
73. Swivel one edge to the left.



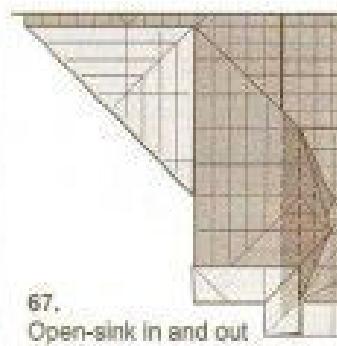
74. Reverse fold the right side to match.



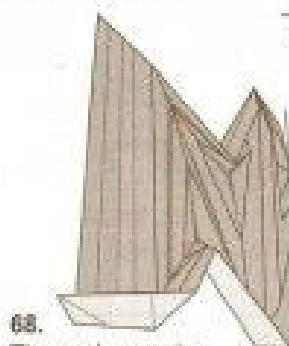
75. Like this.



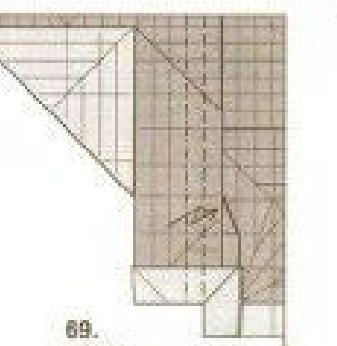
76. Collapse exactly as shown.



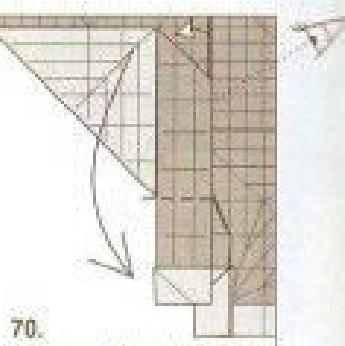
77. Open-sink in and out on existing creases.



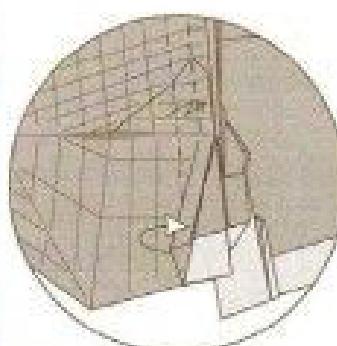
78. The sunken region looks like this.



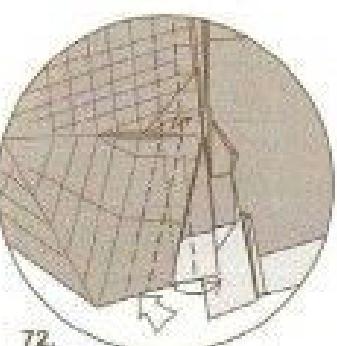
79. Pleat through all layers.



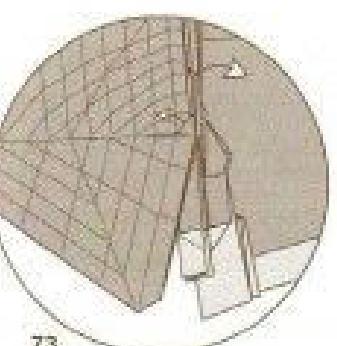
80. Open out the pleat at the top a bit and lock inside.



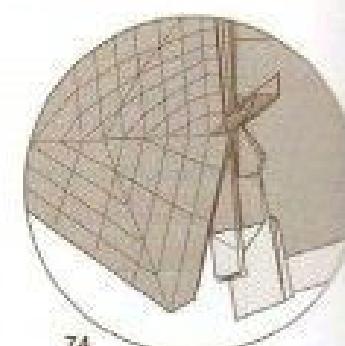
81. Re-pleat as shown.



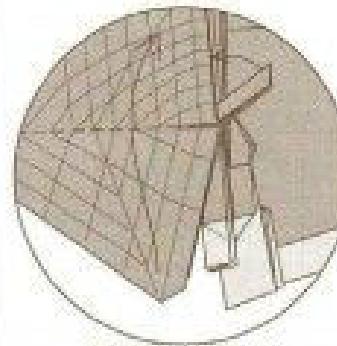
82. Pleat all the way around in the same fashion.



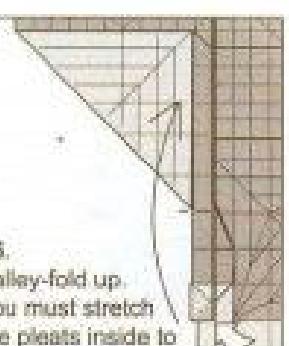
83. Like this. Carefully pull free the hidden flap.



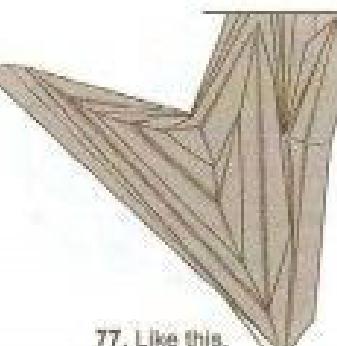
84. Wrap one layer around.



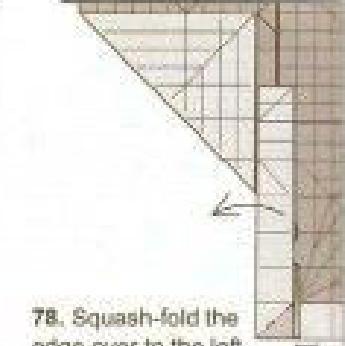
85. Close back up.



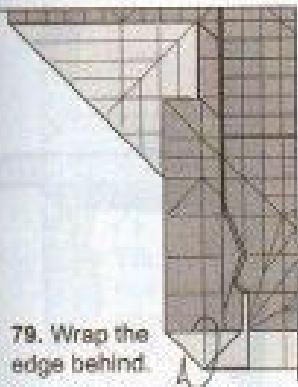
86. Valley-fold up. You must stretch the pleats inside to accomplish this.



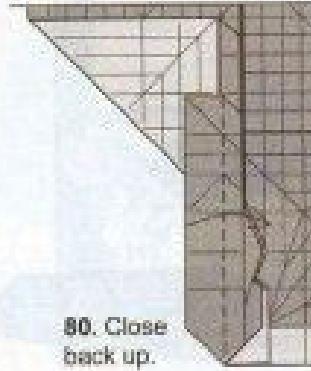
87. Like this.



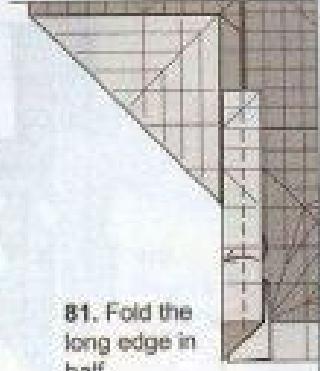
88. Squash-fold the edge over to the left.



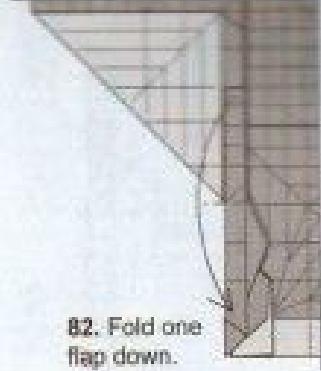
79. Wrap the edge behind.



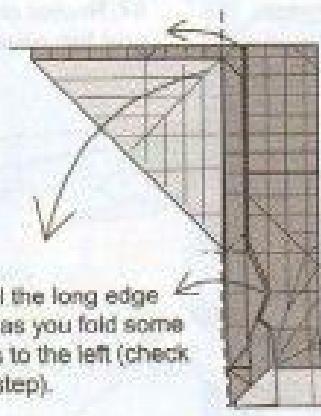
80. Close back up.



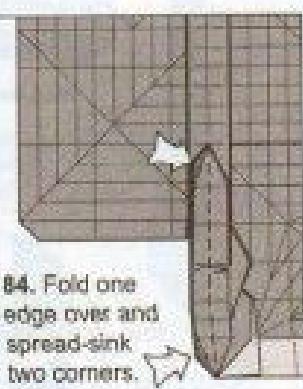
81. Fold the long edge in half.



82. Fold one flap down.



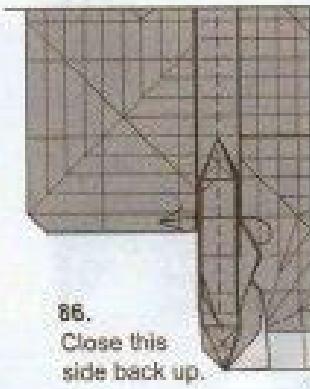
83.
Swivel the long edge
down as you fold some
edges to the left (check
next step).



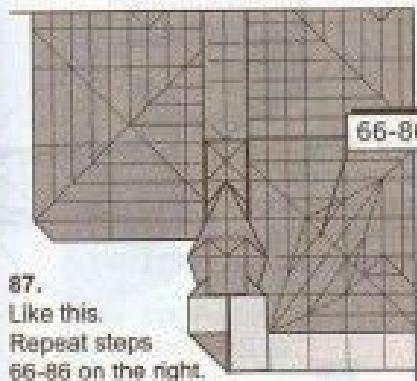
84. Fold one
edge over and
spread-sink
two corners.



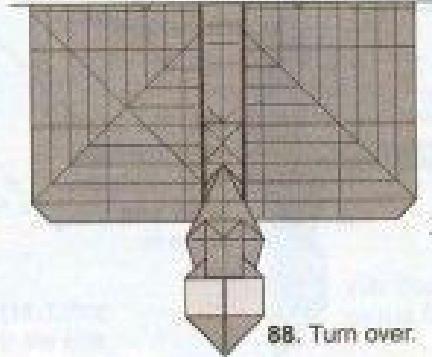
85.
Spread-sink the
remaining corner.



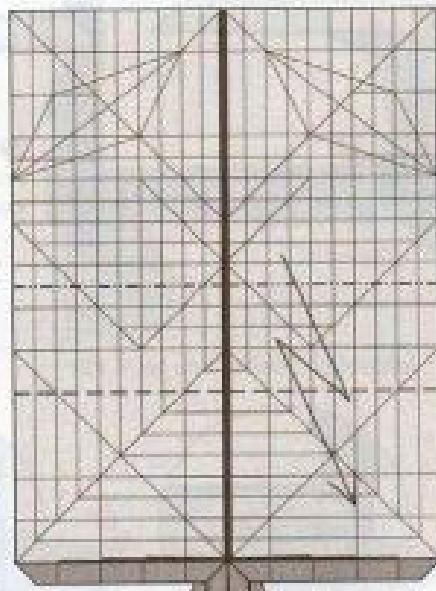
86.
Close this
side back up.



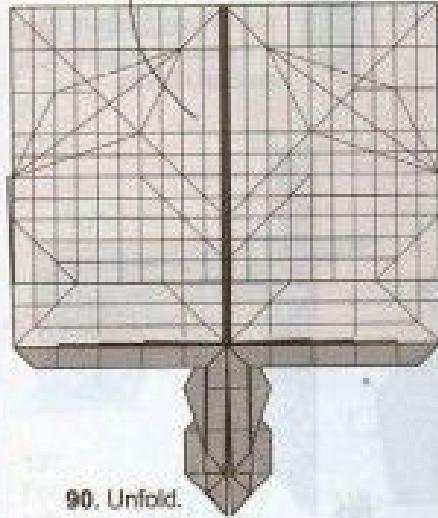
87.
Like this.
Repeat steps
66-86 on the right.



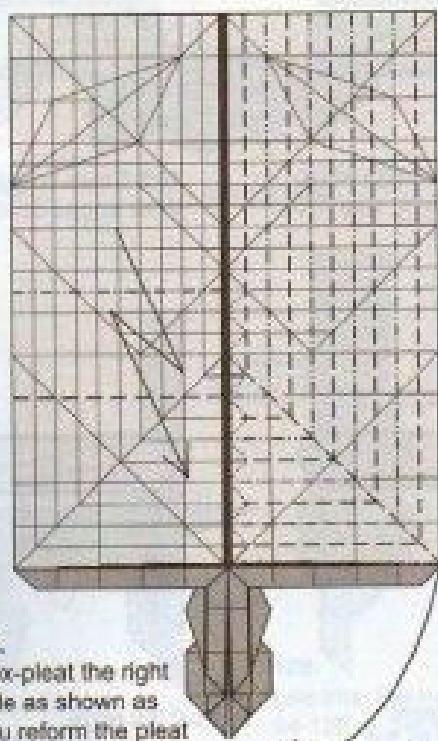
88. Turn over.



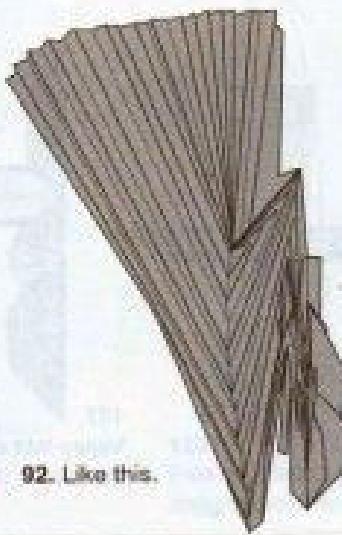
89.
Full view.
Pleat as shown.



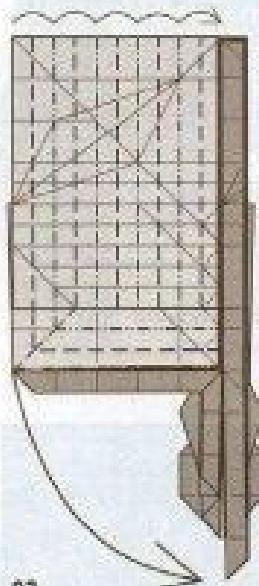
90. Unfold.



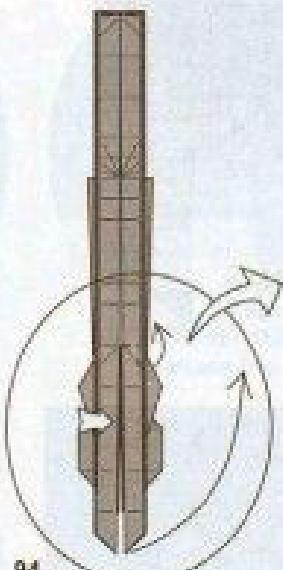
91.
Box-pleat the right
side as shown as
you reform the pleat
from the last step.



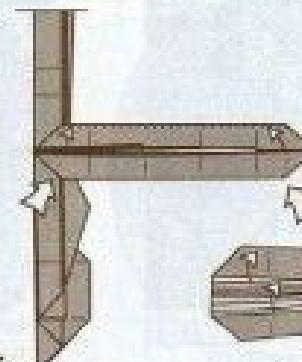
92. Like this.



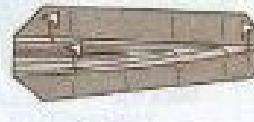
93.
Repeat on the left.



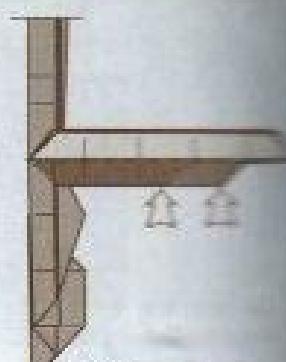
94.
Squash-fold spreading
the layers evenly.



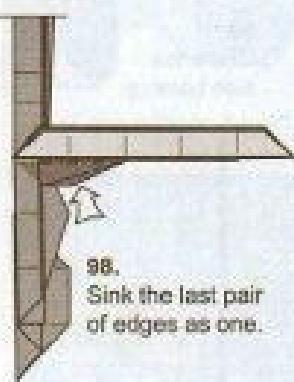
95.
Unsink the outer layer
all the way around.



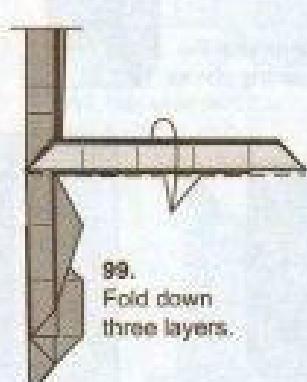
96. Like this.



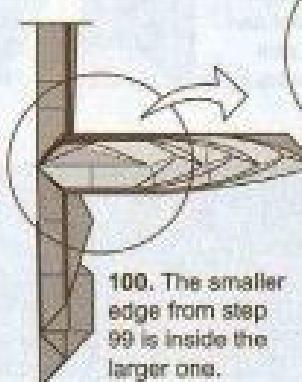
97. Repeat on the
next two edges.



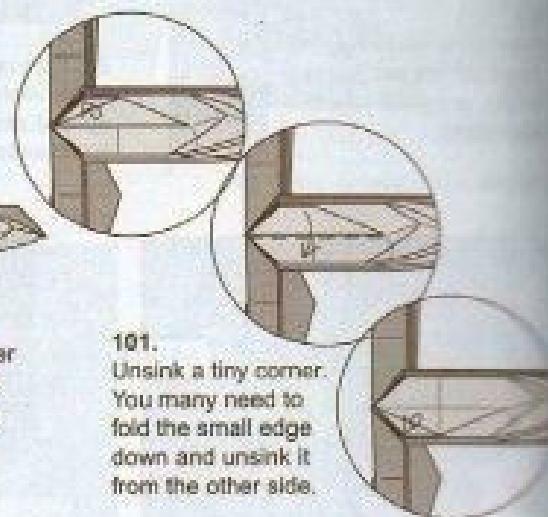
98.
Sink the last pair
of edges as one.



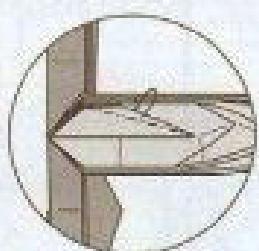
99.
Fold down
three layers.



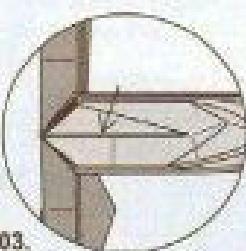
100. The smaller
edge from step
99 is inside the
larger one.
Zoom in.



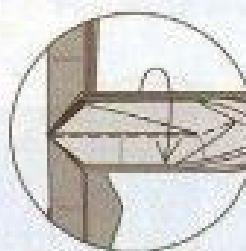
101.
Unsink a tiny corner.
You may need to
fold the small edge
down and unsink it
from the other side.



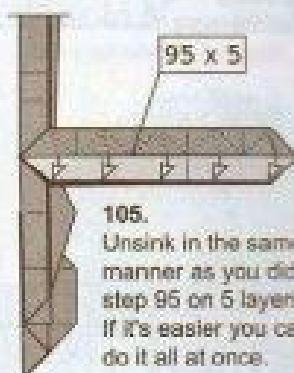
102. Fold behind in line
with the hidden edge.



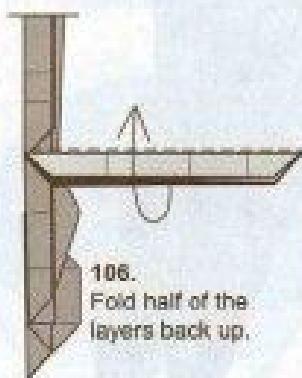
103.
Note the loose edge which
you will pull out in step 110.



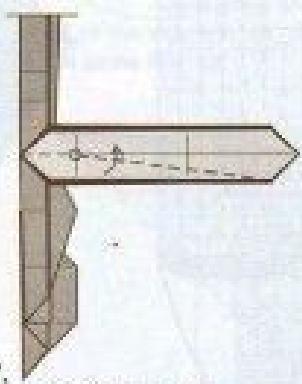
104. Close up folding
three edges down.



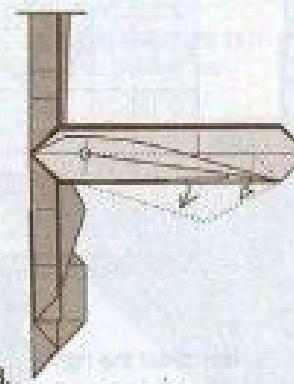
105.
Unsink in the same
manner as you did in
step 95 on 5 layers ().
If it's easier you can
do it all at once.



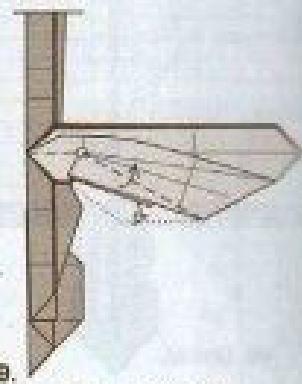
106.
Fold half of the
layers back up.



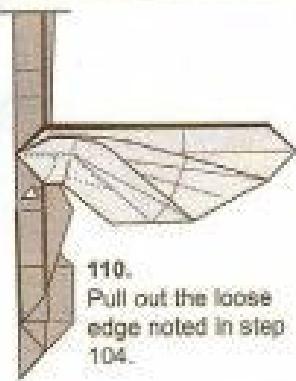
107.
Valley-fold the top layer
as shown. It will not lie flat.



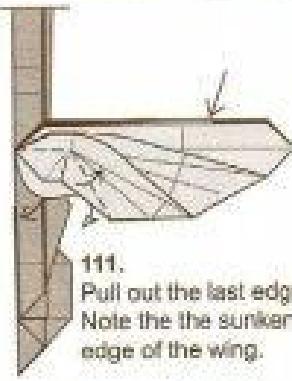
108.
Pull out the edge.



109.
Repeat on the next edge.



110.
Pull out the loose
edge noted in step
104.



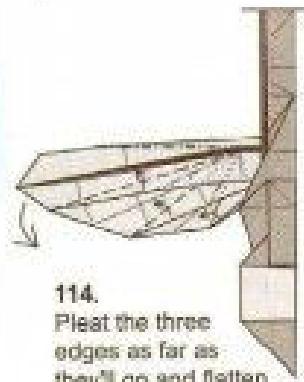
111.
Pull out the last edge.
Note the sunken
edge of the wing.



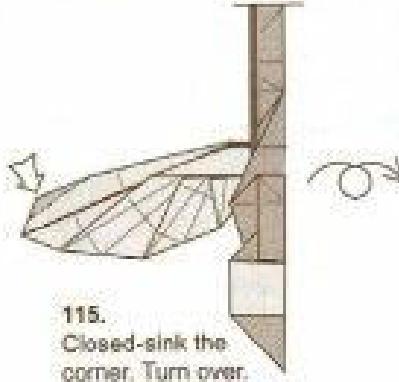
112.
Begin to flatten
the wing as shown.



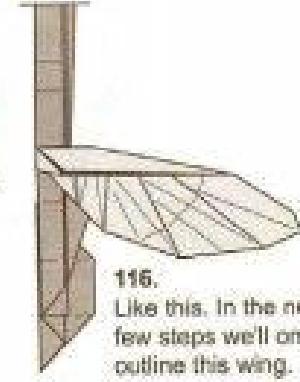
113. It won't flatten
completely until you
fix the layers behind.
Turn over.



114.
Pleat the three
edges as far as
they'll go and flatten.



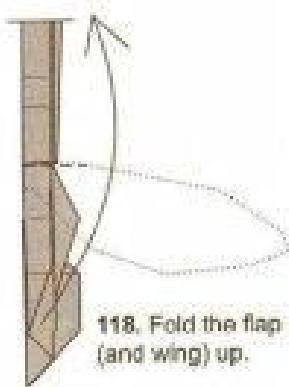
115.
Closed-sink the
corner. Turn over.



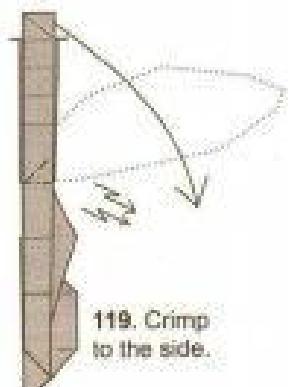
116.
Like this. In the next
few steps we'll only
outline this wing.



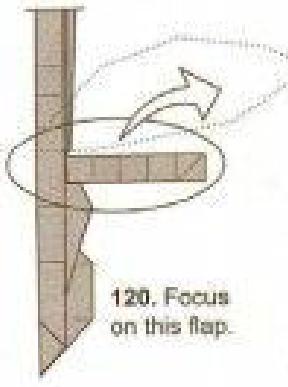
117.
Spread-sink
the corner.



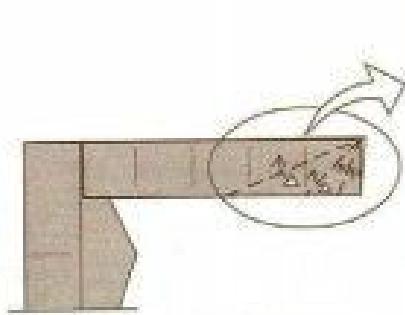
118. Fold the flap
(and wing) up.



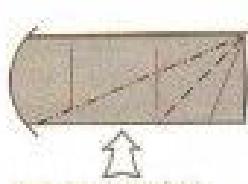
119. Crimp
to the side.



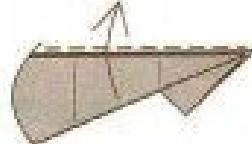
120. Focus
on this flap.



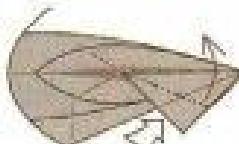
121. Fold and unfold into fourths.



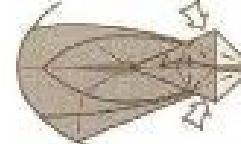
122. Reverse-fold
in and out.



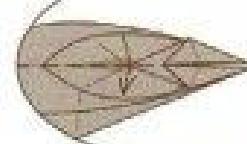
123. Lift the top layer.



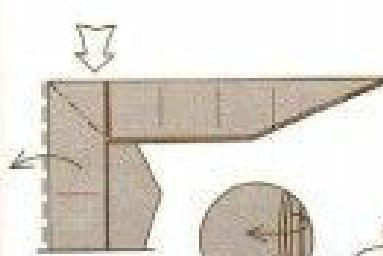
124. Squash-fold.



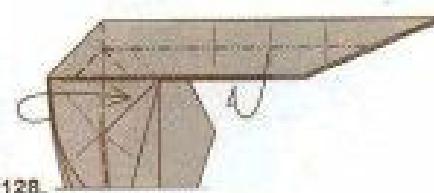
125. Petal-fold.



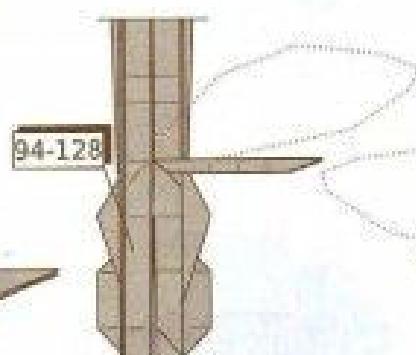
126. Close back up.



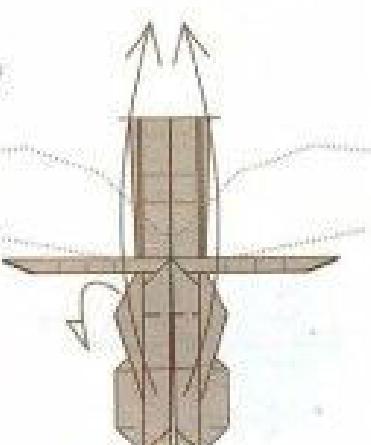
127.
Fold three layers to the
left. This will not lie flat.



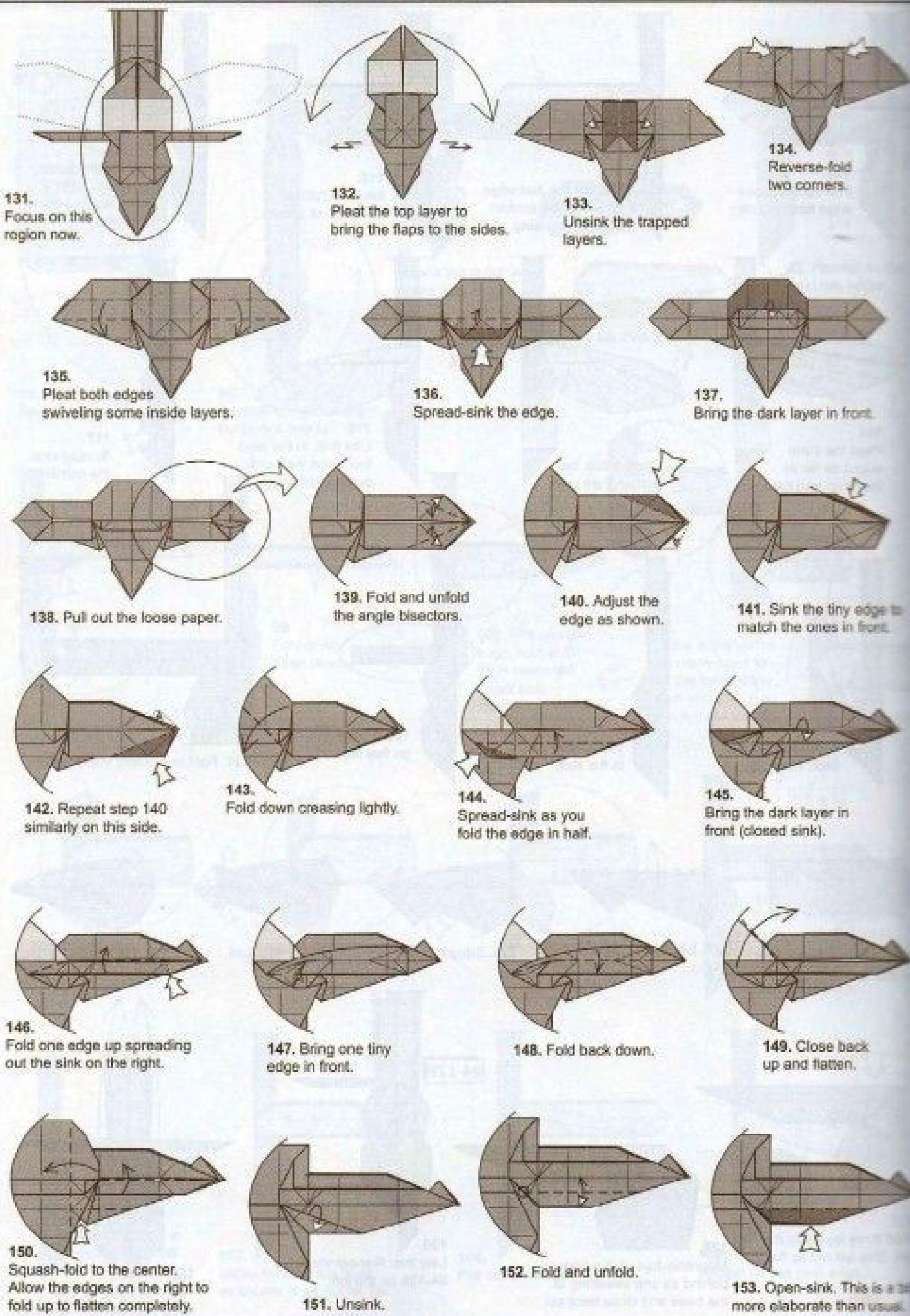
128.
Mountain-fold all the edges
behind as one swiveling at
the base and close back up.

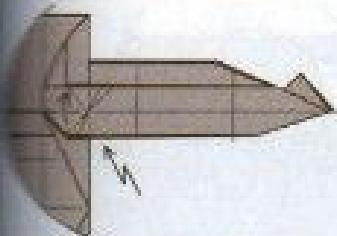


129.
Like this. Repeat steps
94-128 on the left.

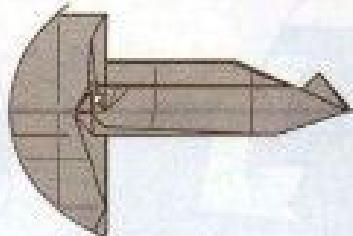


130.
Fold two flaps up and
bring the rear one forward.

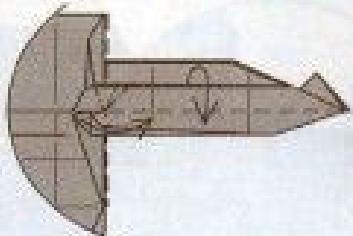




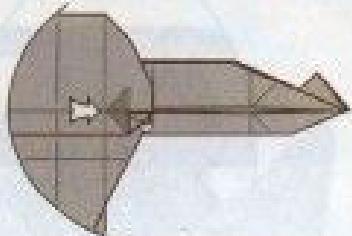
154. Pleat the top layer.
This will not lie flat.



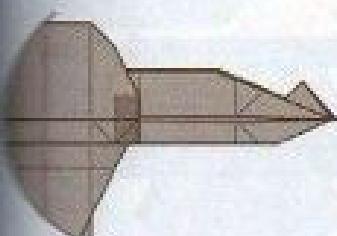
155. Bring one layer
in front (closed sink).



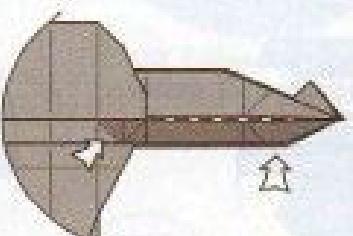
156. Fold the edges back down
as you flatten back to the right.



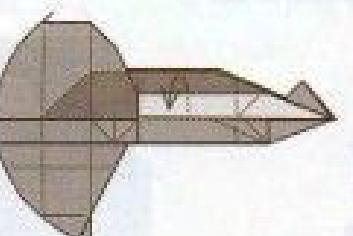
157. Sink the hidden corner
and spread it out...



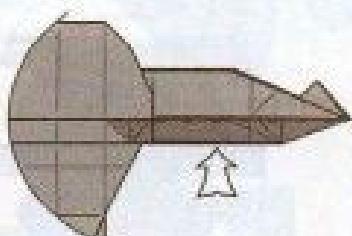
158. So that it matches this.



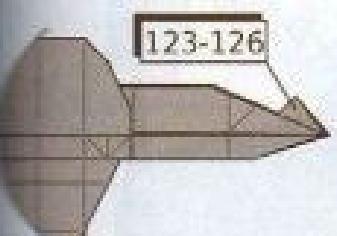
159. Sink the top edge
upward (turn it inside out).



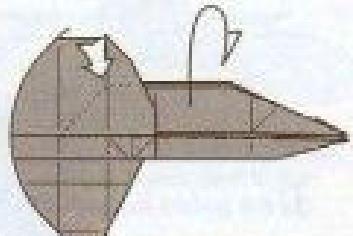
160. Bring the dark edge
in front (easy).



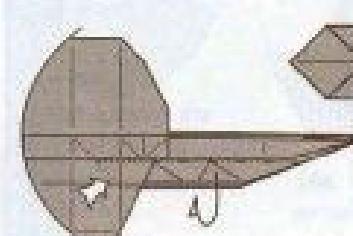
161. Closed-sink into
the nearest pocket.



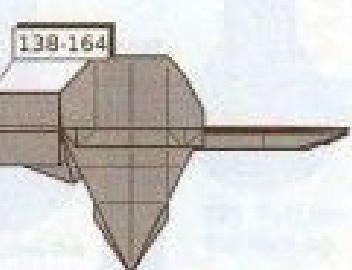
162. Repeat steps 123-
126 on this corner.



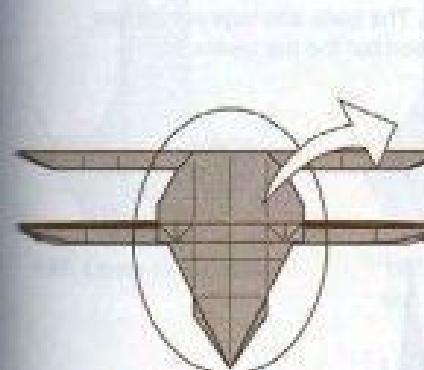
163. Fold all the edges behind
reverse-folding at the base.



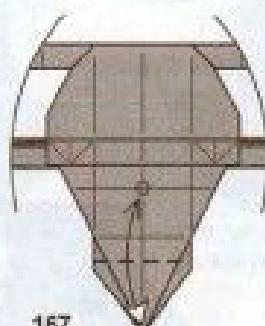
164. Fold the edges in half
reverse-folding at the base.



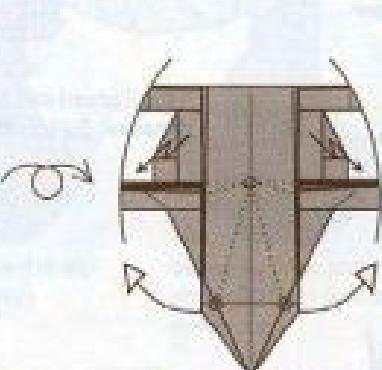
165. Like this. Repeat steps
138-164 on the left.



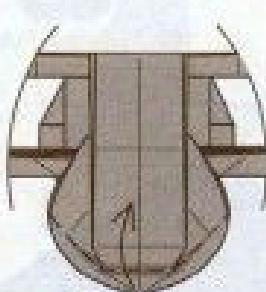
166. Zoom in.



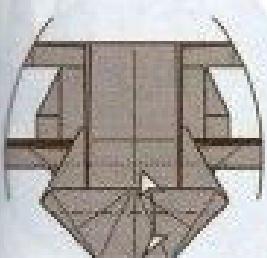
167. Fold and unfold to the
crease line. Turn over.



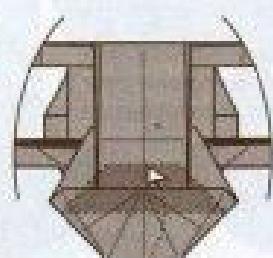
168. Pleat the edges
out as indicated.



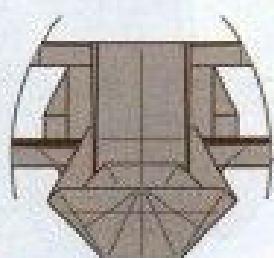
169. Flatten.



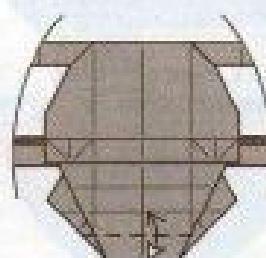
170. Mountain-fold to the
edge behind and unfold.



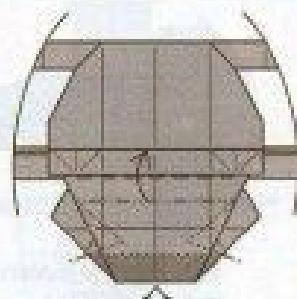
171. Unsink one layer out.



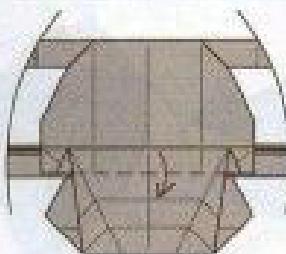
172. Like this. Turn over.



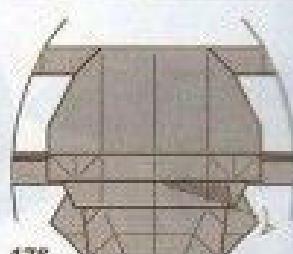
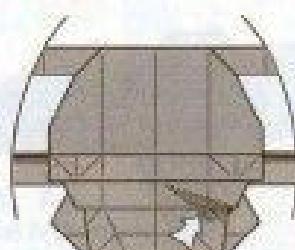
173. Fold and unfold
to the crease line.



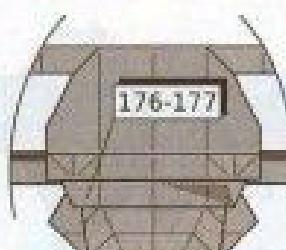
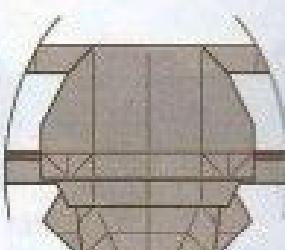
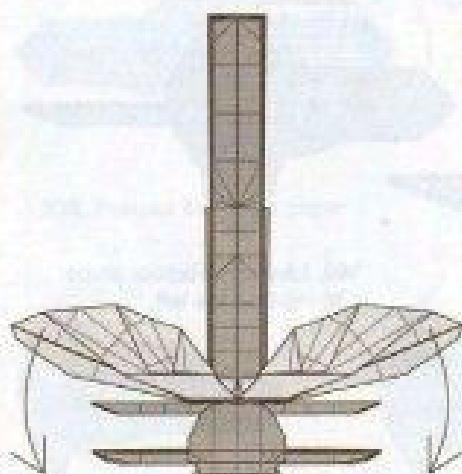
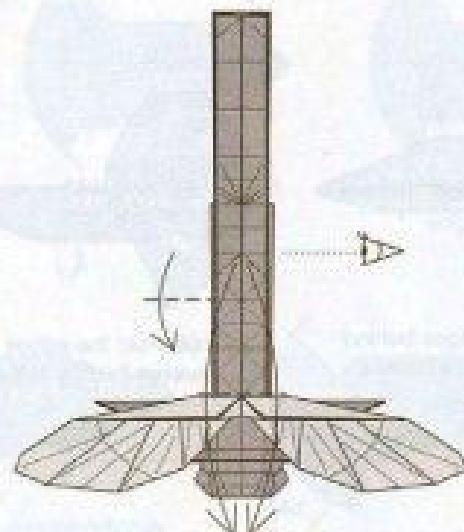
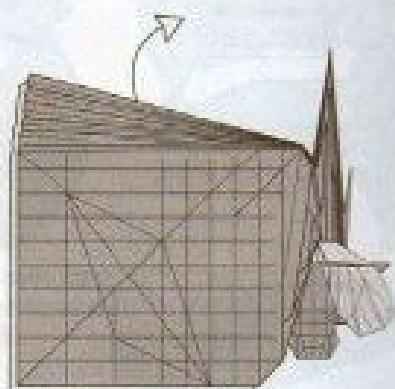
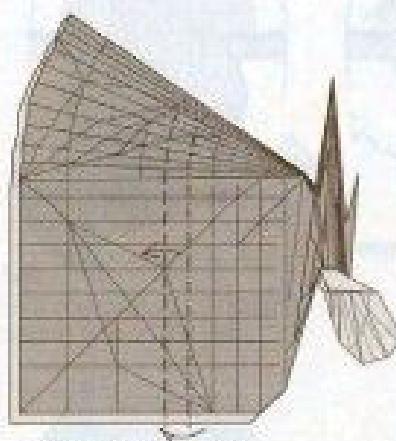
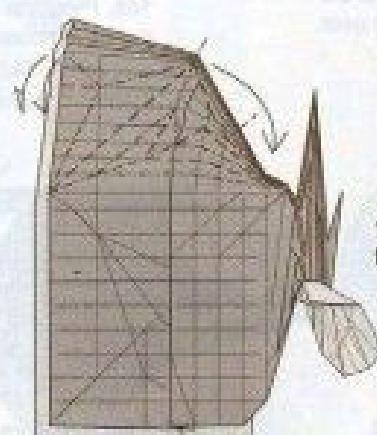
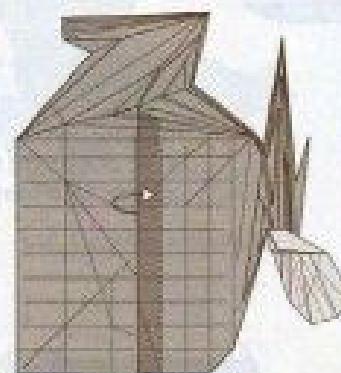
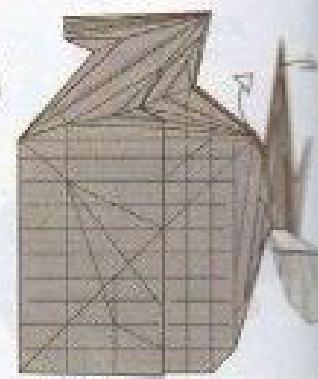
174. Spread-sink.

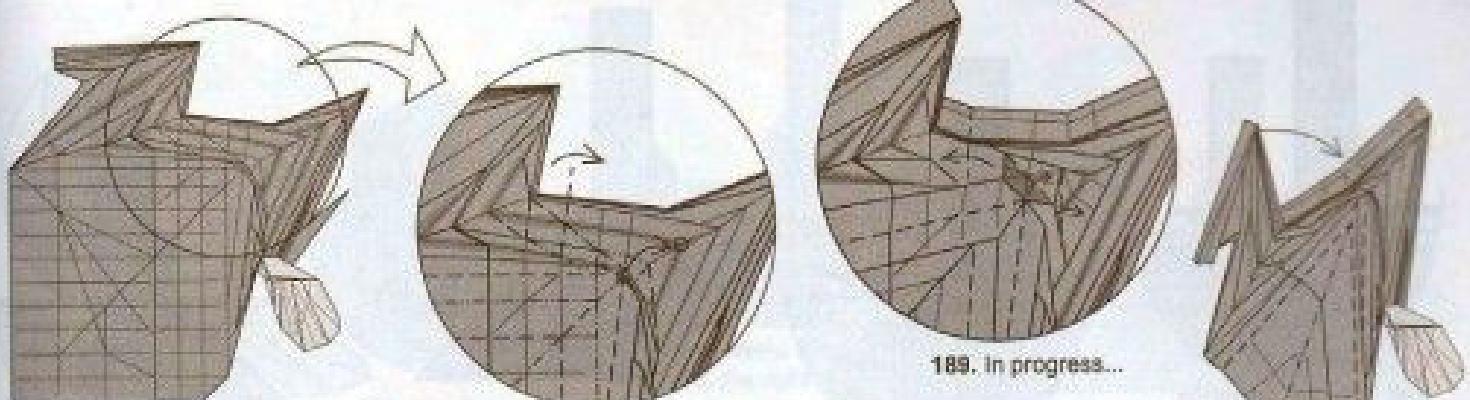


175. Fold down.

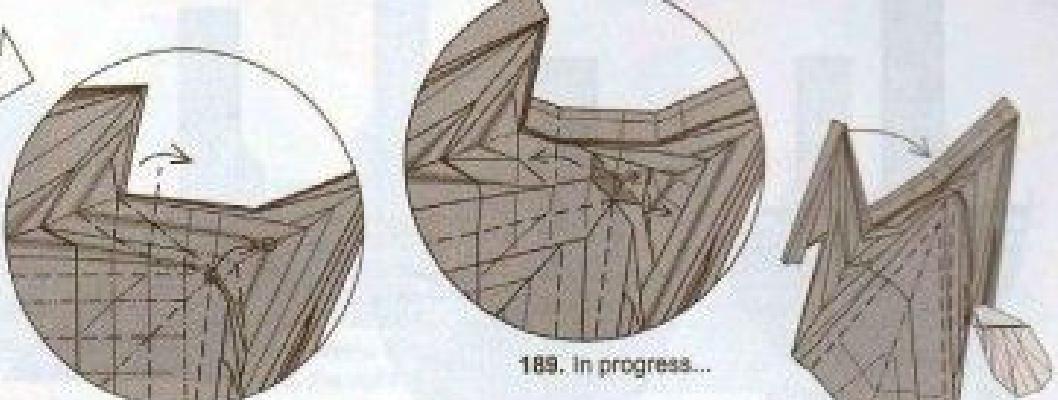
176.
Fold the hidden edge
(located just below the
top layer) down.

177. Closed-sink.

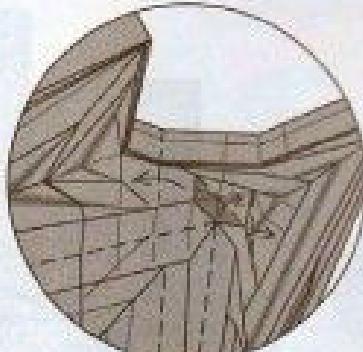
178. This locks the
pleat. Repeat steps
176-177 on the left.179. The folds on
the abdomen are
finished for now.180. Full view. Fold
the wings down.181. Spread out the edges on existing
creases. Switch to side view.182. The body and legs not shown.
Spread out the top pleats.183. Pleat as shown.
Repeat behind.184. Collapse on
existing creases.185. Bring one layer in
front. Repeat behind.186. Spread out
the layers a bit.



187. Zoom in.



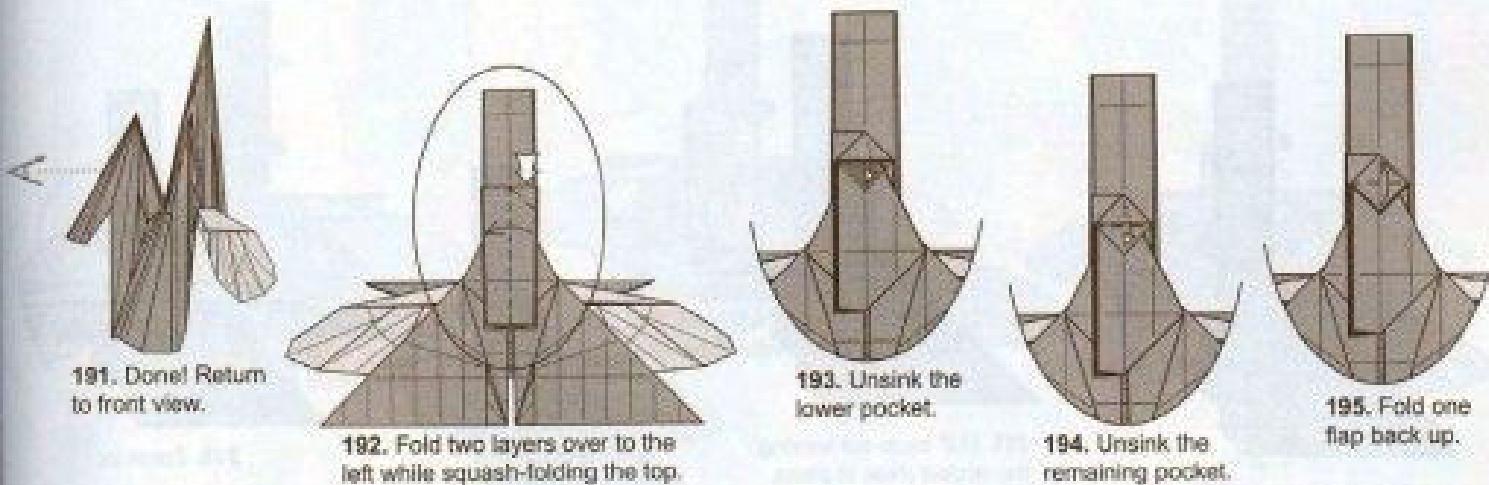
188. Follow these creases exactly. Repeat behind.



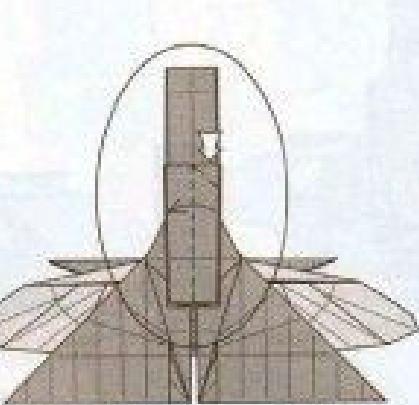
189. In progress...



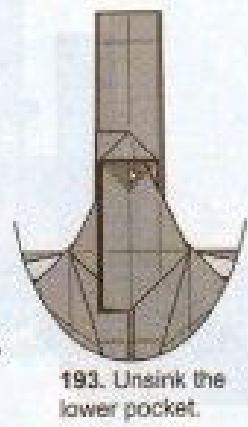
190. In progress.



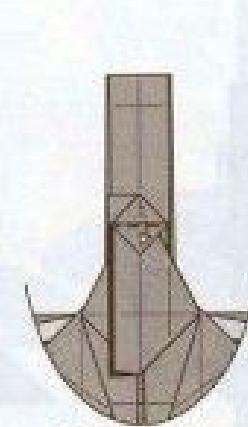
191. Done! Return to front view.



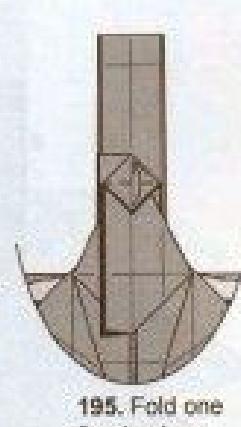
192. Fold two layers over to the left while squash-folding the top.



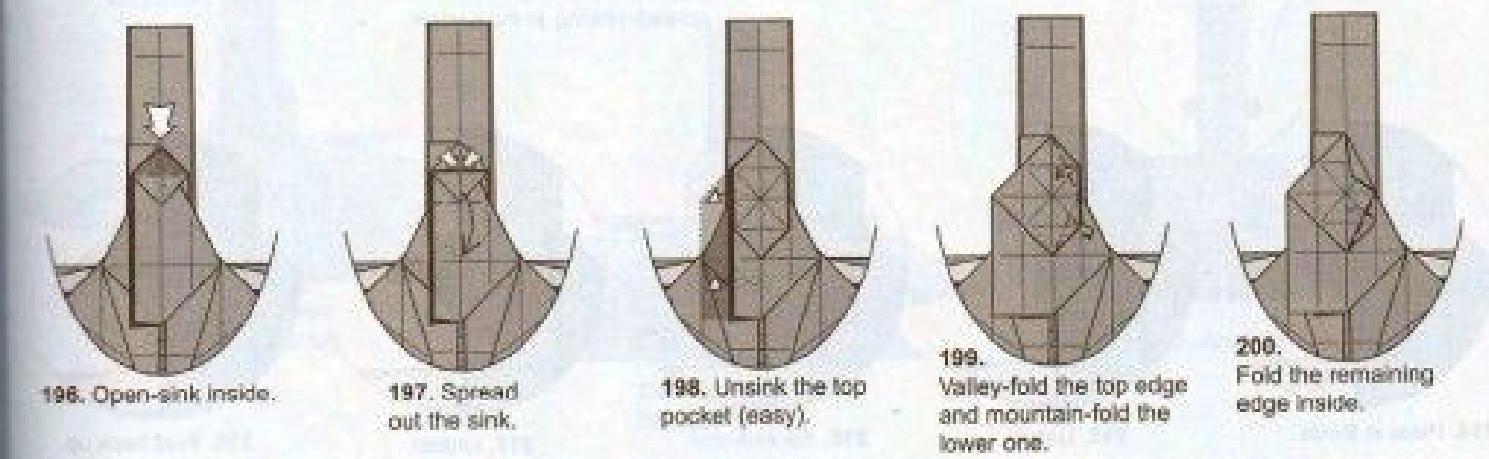
193. Unsink the lower pocket.



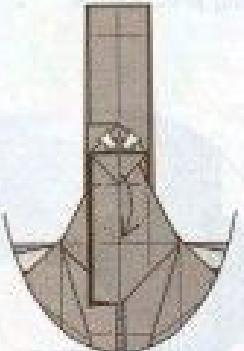
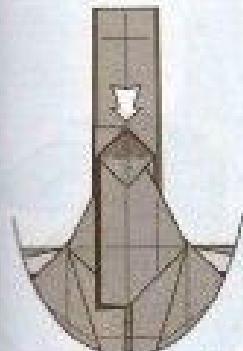
194. Unsink the remaining pocket.



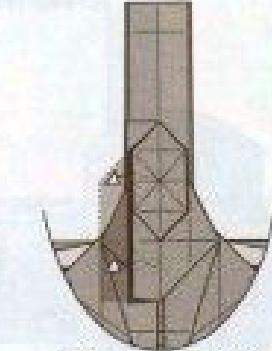
195. Fold one flap back up.



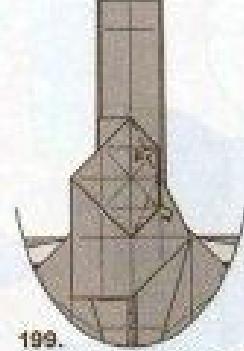
196. Open-sink inside.



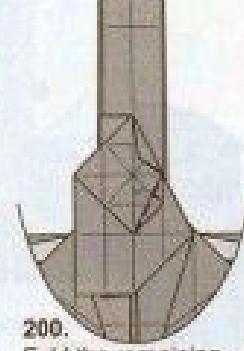
197. Spread out the sink.



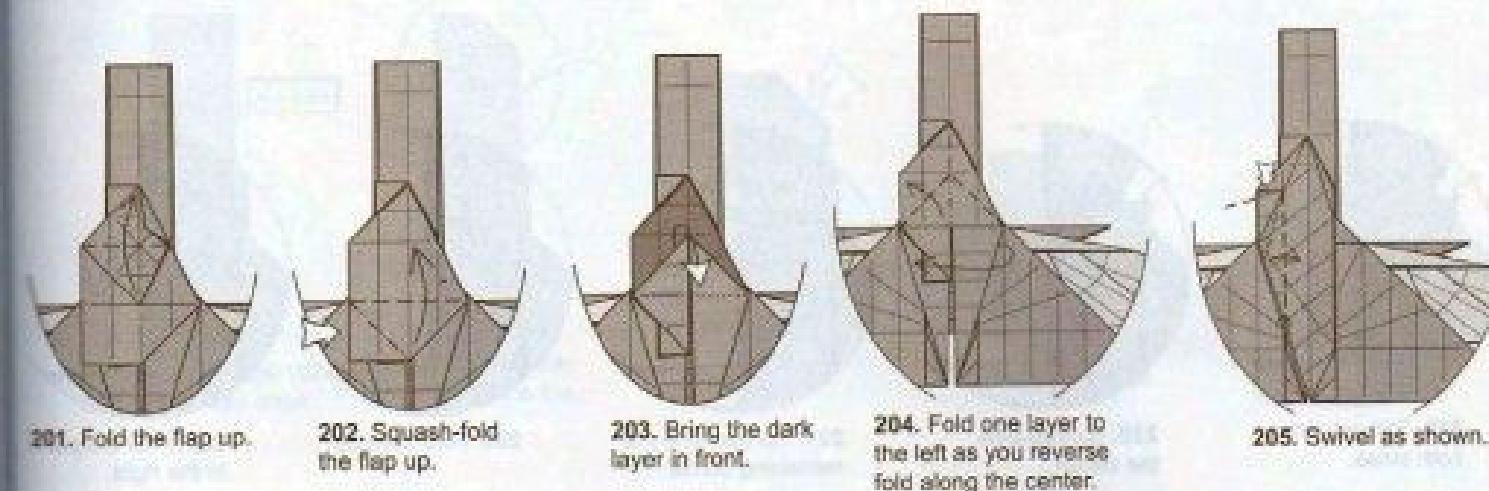
198. Unsink the top pocket (easy).



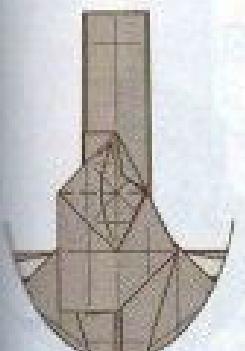
199. Valley-fold the top edge and mountain-fold the lower one.



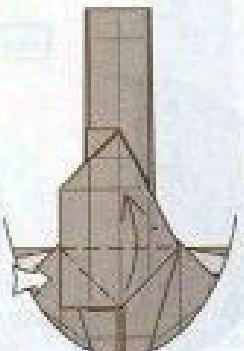
200. Fold the remaining edge inside.



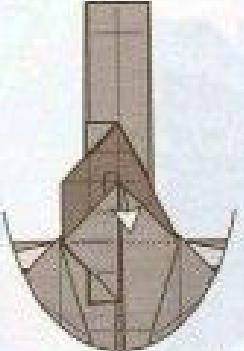
201. Fold the flap up.



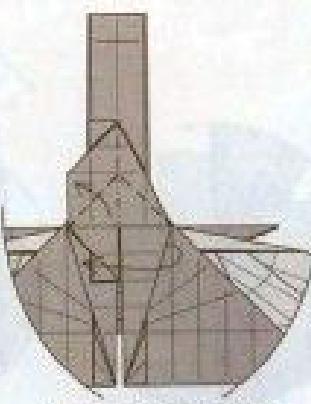
202. Squash-fold the flap up.



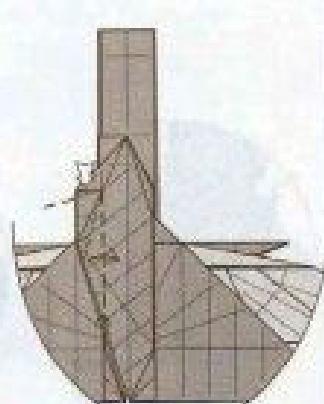
203. Bring the dark layer in front.

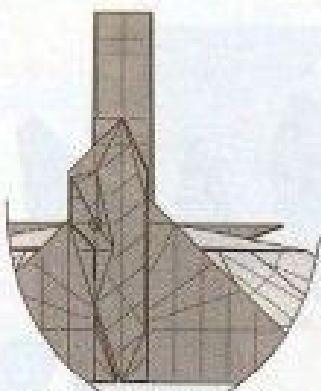


204. Fold one layer to the left as you reverse fold along the center.

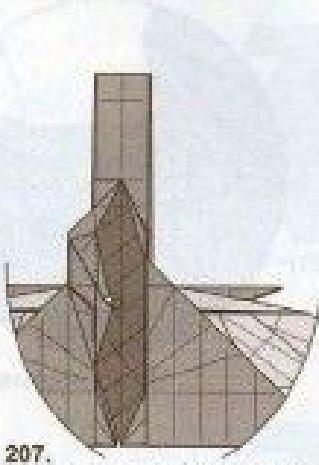


205. Swivel as shown.

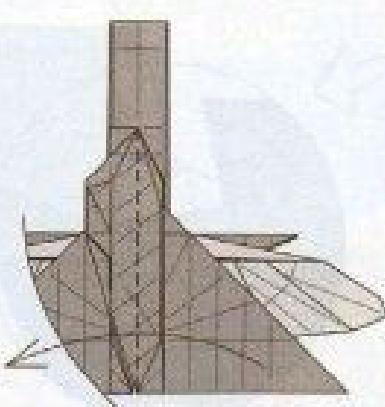




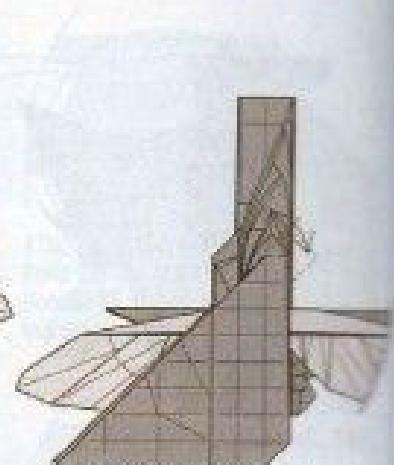
206. Note the reference.



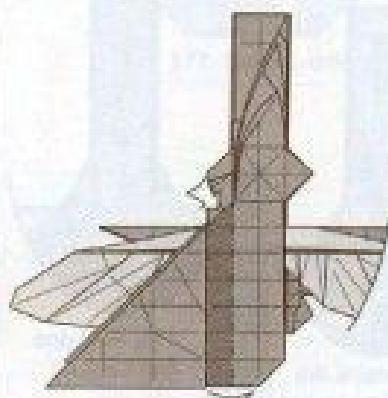
207.
Bring the dark layer in front.



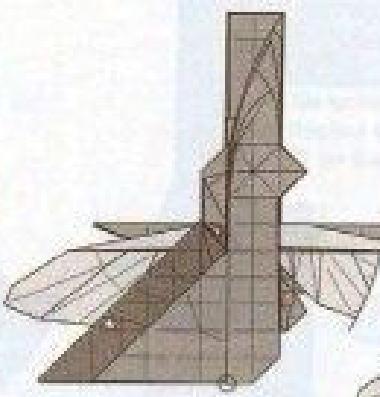
208. Fold the long edge over.
The model will not lie flat.



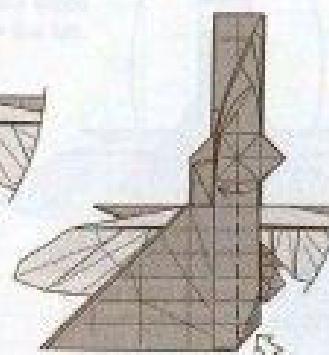
209. Squash the small flap to the right.



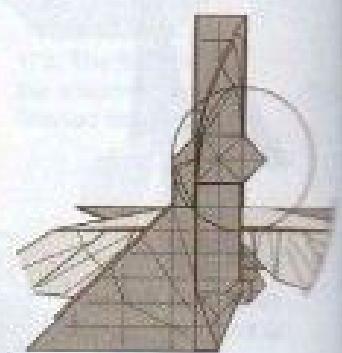
210. Reverse-fold
in and out.



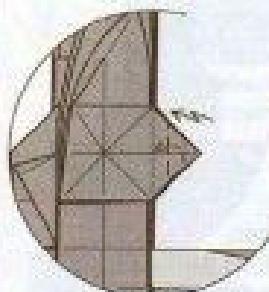
211. Pull back out leaving
the circled pleat in place.



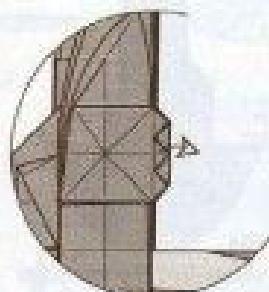
212. Fold one edge over
spread-sinking at the bottom.



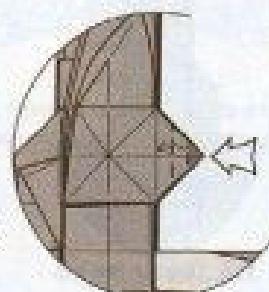
213. Zoom in.



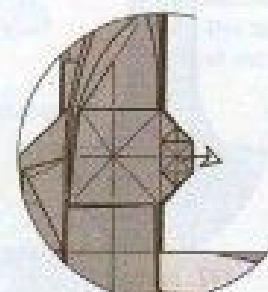
214. Pleat in thirds.



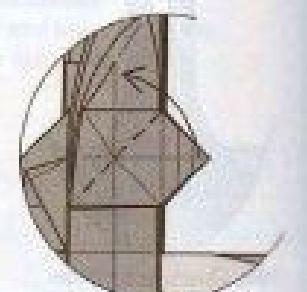
215. Unfold.



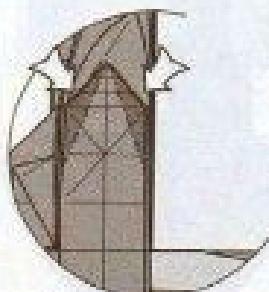
216. Spread-sink.



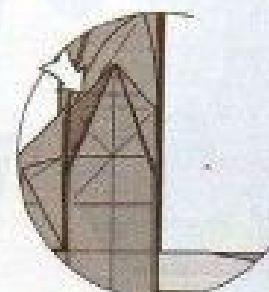
217. Unfold.



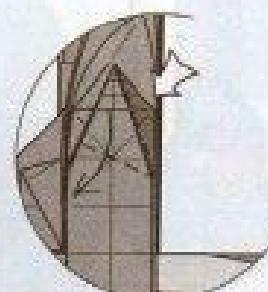
218. Fold back up.



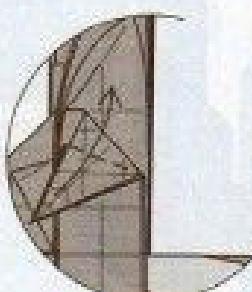
219. Spread-sink
both sides.



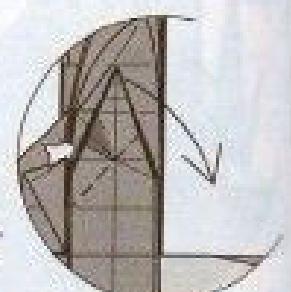
220. Spread-sink
the corner.



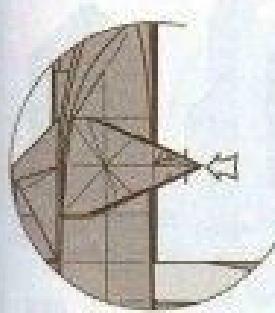
221. Spread-sink the
remaining corner.



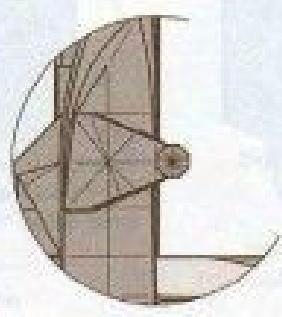
222. Fold back up.



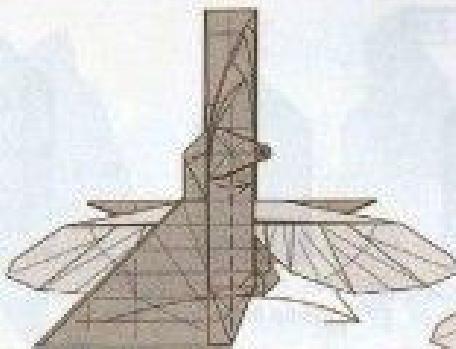
223. Fold the point
to the right.



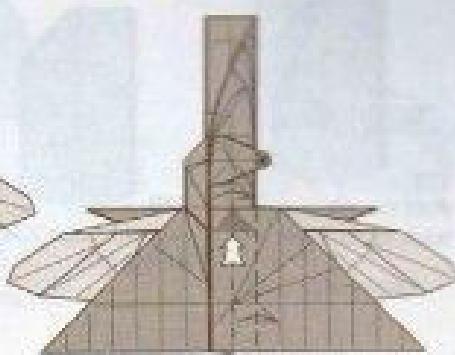
224. Spread-sink as cleanly as possible.



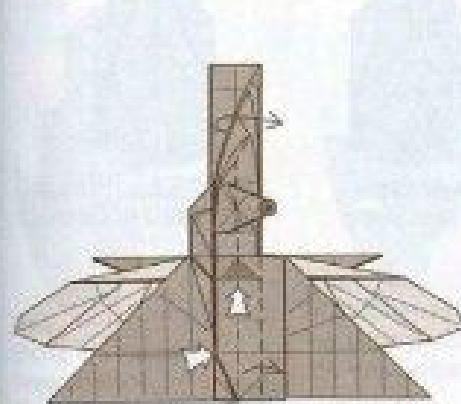
225. Like this.



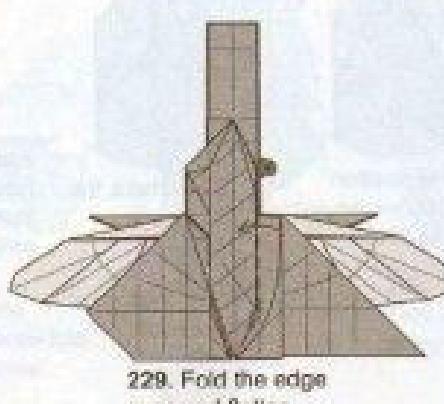
226. Fold the long flap to the right.



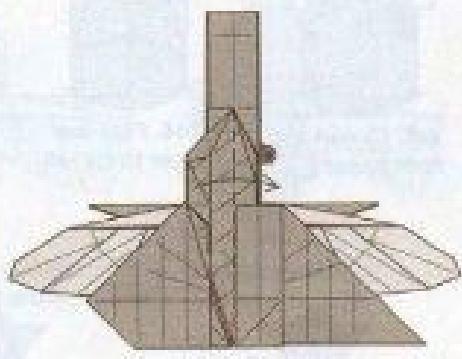
227. Pleat while sinking a hidden edge.



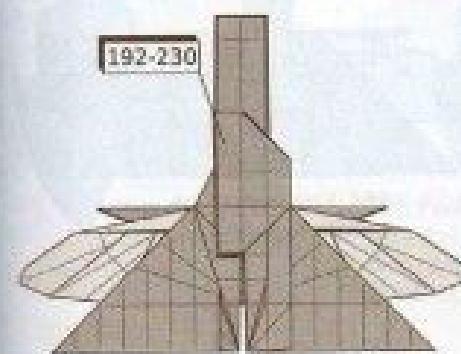
228. Repeat on this layer.
This will not lie flat.



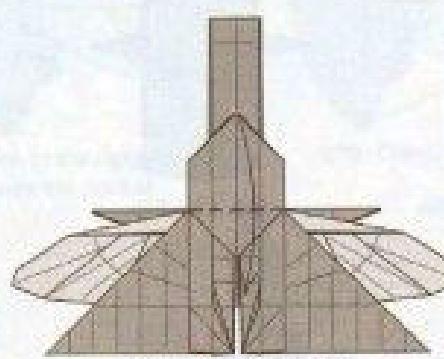
229. Fold the edge over and flatten.



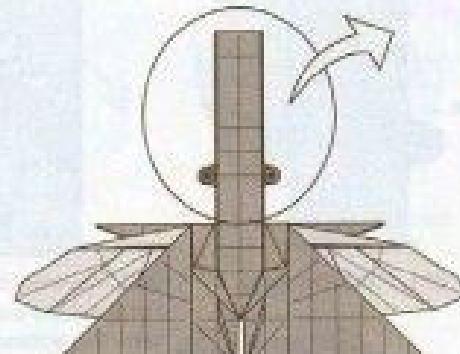
230. Fold one layer to the right.



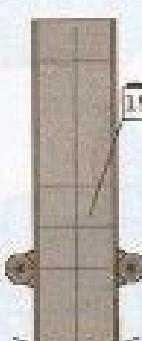
231. Repeat steps
192-230 on the left.



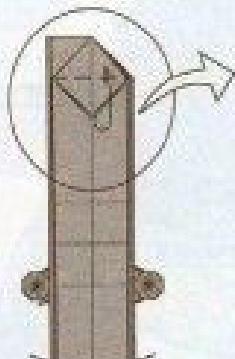
232. Fold the middle flap down.



233. Zoom in.



192-194



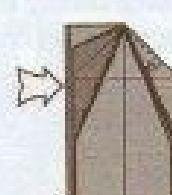
234. Fold both flaps to the top.



235. Spread-sink the first two edges on the right.



236. Adjust the edge.

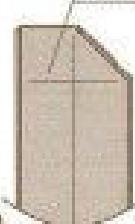


237. Repeat on the left.



239.
Fold the two layers
back to the right.

234-239



240.
Repeat steps 234-239
on the left.



241. Open-sink the
middle flap.



242.
Fold and unfold.



243.
Fold to the center again
while petal-folding the
small edge.



244. Bring one
layer in front.



245. Closed-sink
both corners.



246. Fold one
layer to the left.



247.
Note the position
of the hidden edge.
Close back up.



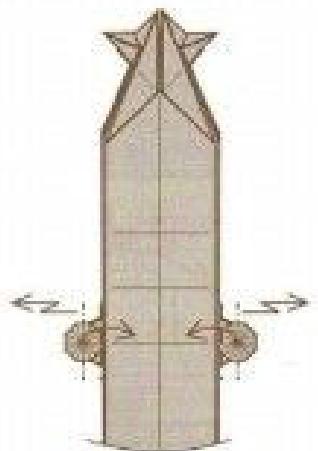
248. Check the
other side.



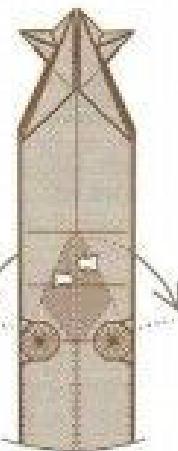
249.
Reverse-fold the
inside flaps to the
sides.



250. Like this. Repeat
steps 242-248 behind.



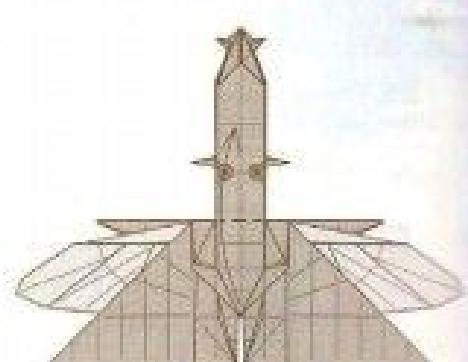
251. Pleat the eyes.



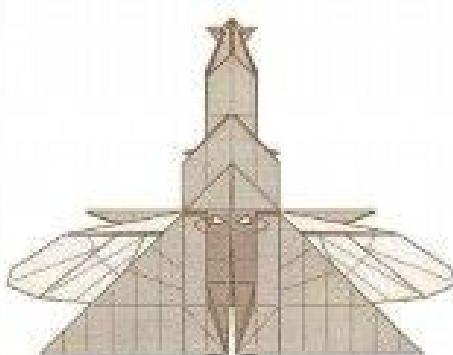
252. Reverse-fold the
hidden flaps out to
form the antennae.



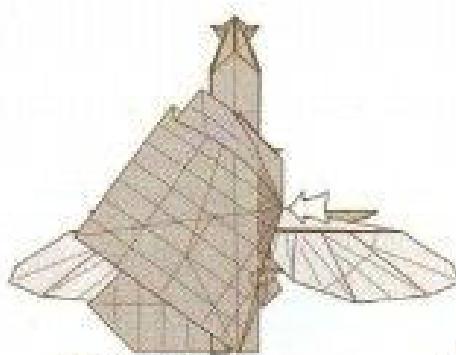
253. Like this.



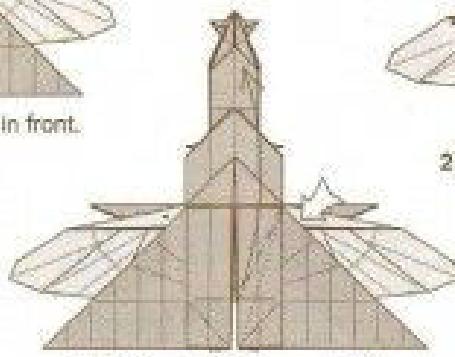
254. Fold both of the
middle flaps up.



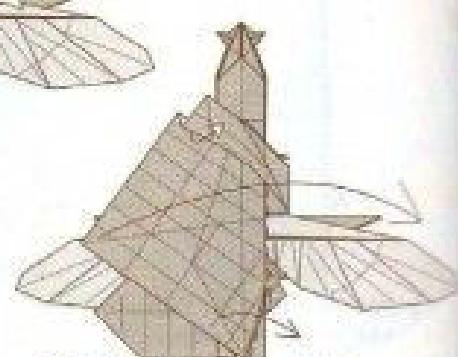
255. Bring the loose edges in front.



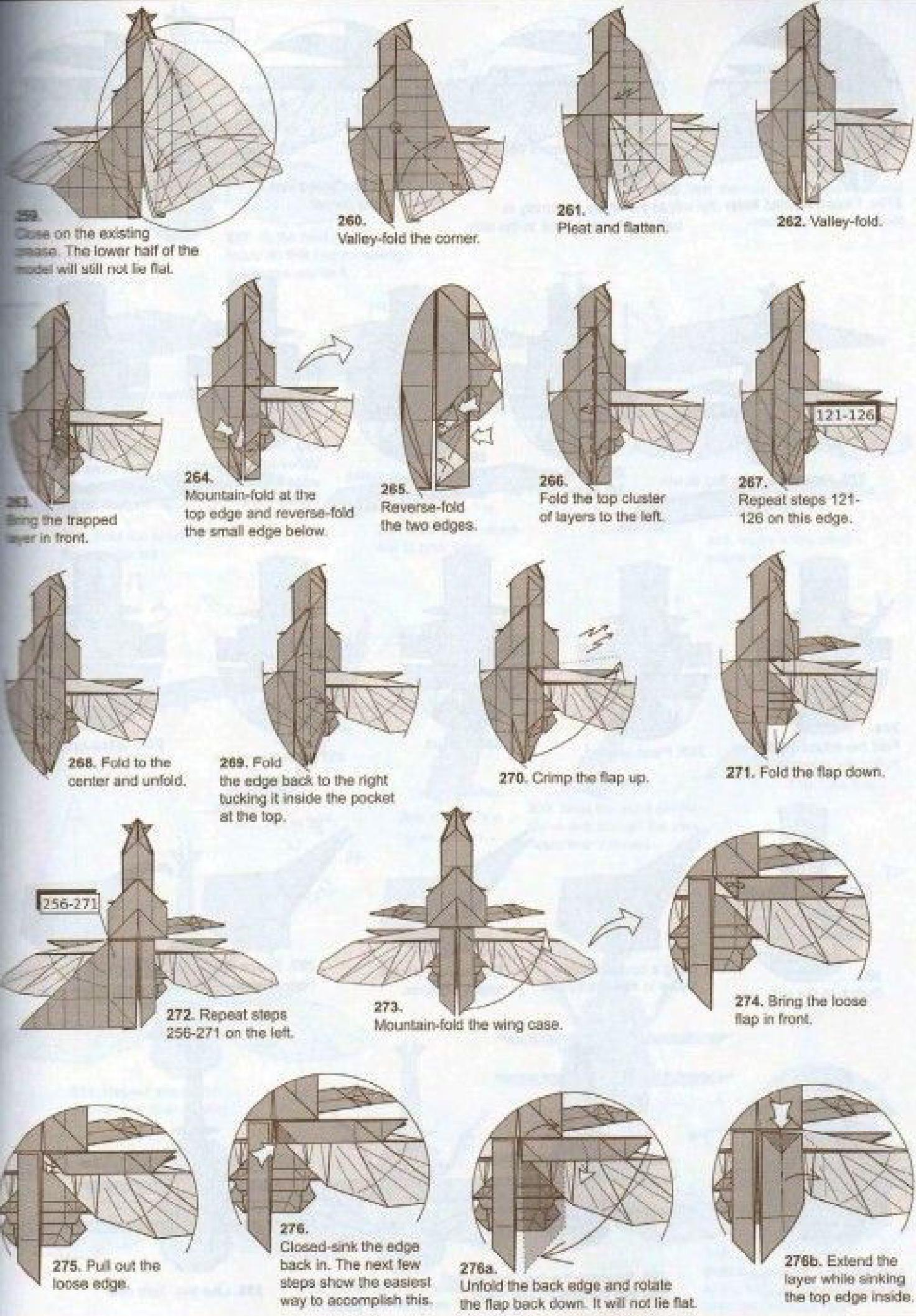
256. Squash-fold upward. Do not
crease on the top layer even
though it's shown that way here.

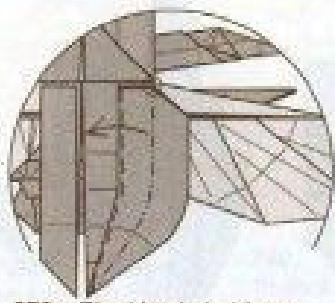


257. Closed-sink

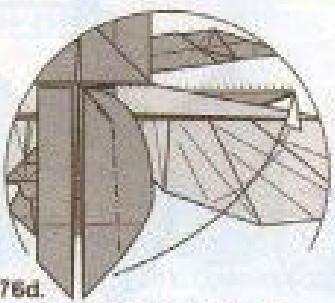


258. Fold the flap to the right
along the sunken edge.

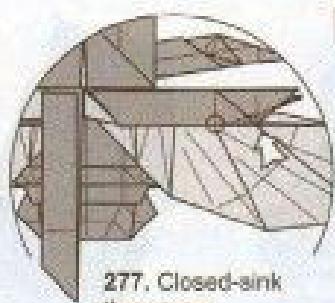




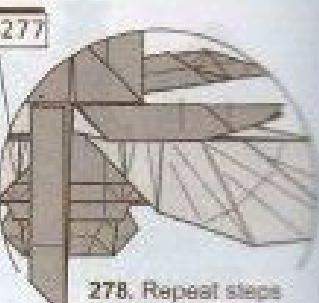
276c. Pleat back, but keep the sink on top in place.



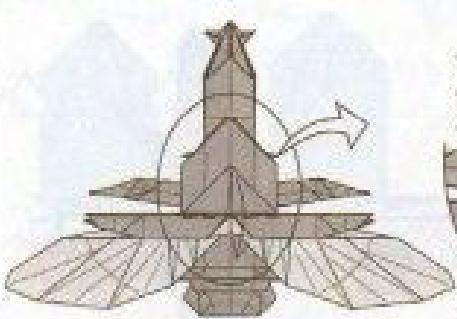
276d. Fold the whole assembly in half and rotate it back to the side.



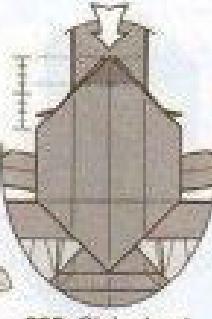
277. Closed-sink the corner.



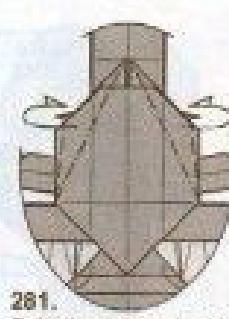
278. Repeat steps 273-277 on the left.



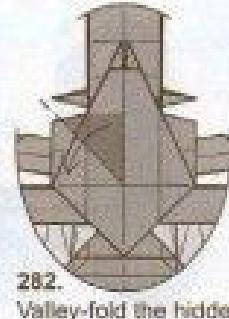
279. Fold the middle flap down.



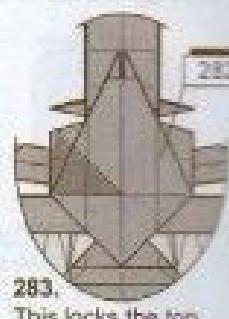
280. Sink about 3/8 of the point in.



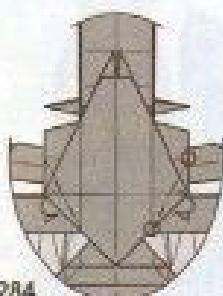
281. Fold the edges inside as far as they'll go.



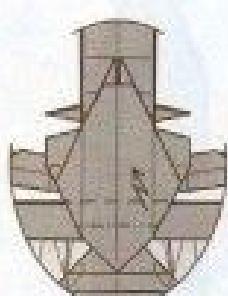
282. Valley-fold the hidden edge located just below the top layer.



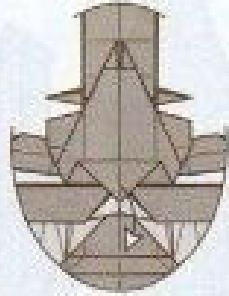
283. This locks the top layers together nicely. Repeat on the right.



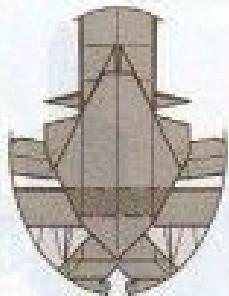
284. Fold the edges behind noting the references.



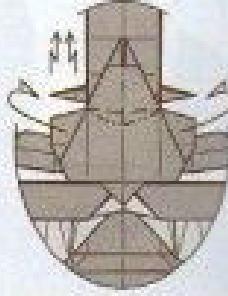
285. Pleat upward.



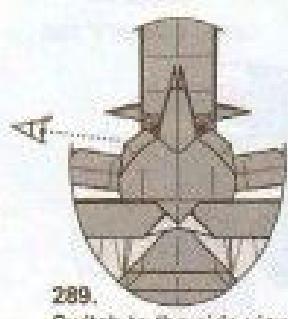
286. Unfold.



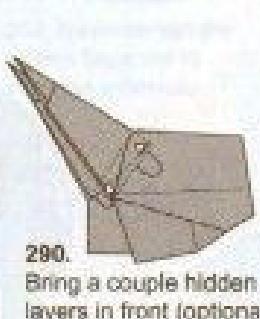
287. Sink in and out.



288. Crimp up along the center.



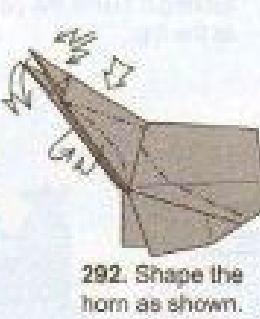
289. Switch to the side view.



290. Bring a couple hidden layers in front (optional).



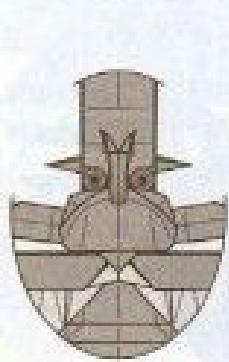
291. This locks the front edges together.



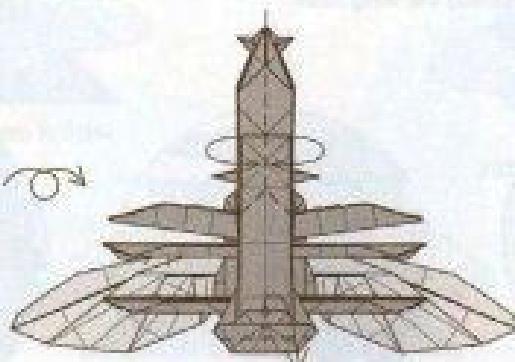
292. Shape the horn as shown.



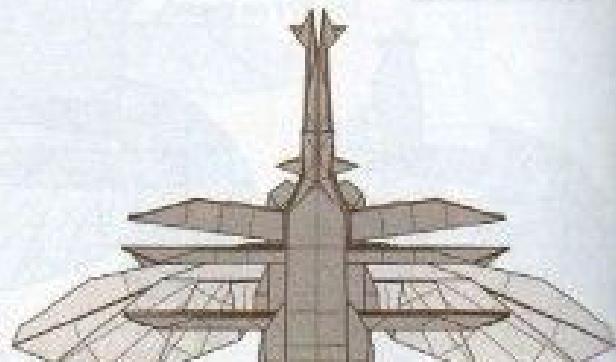
293. Like this. Switch back to top view.



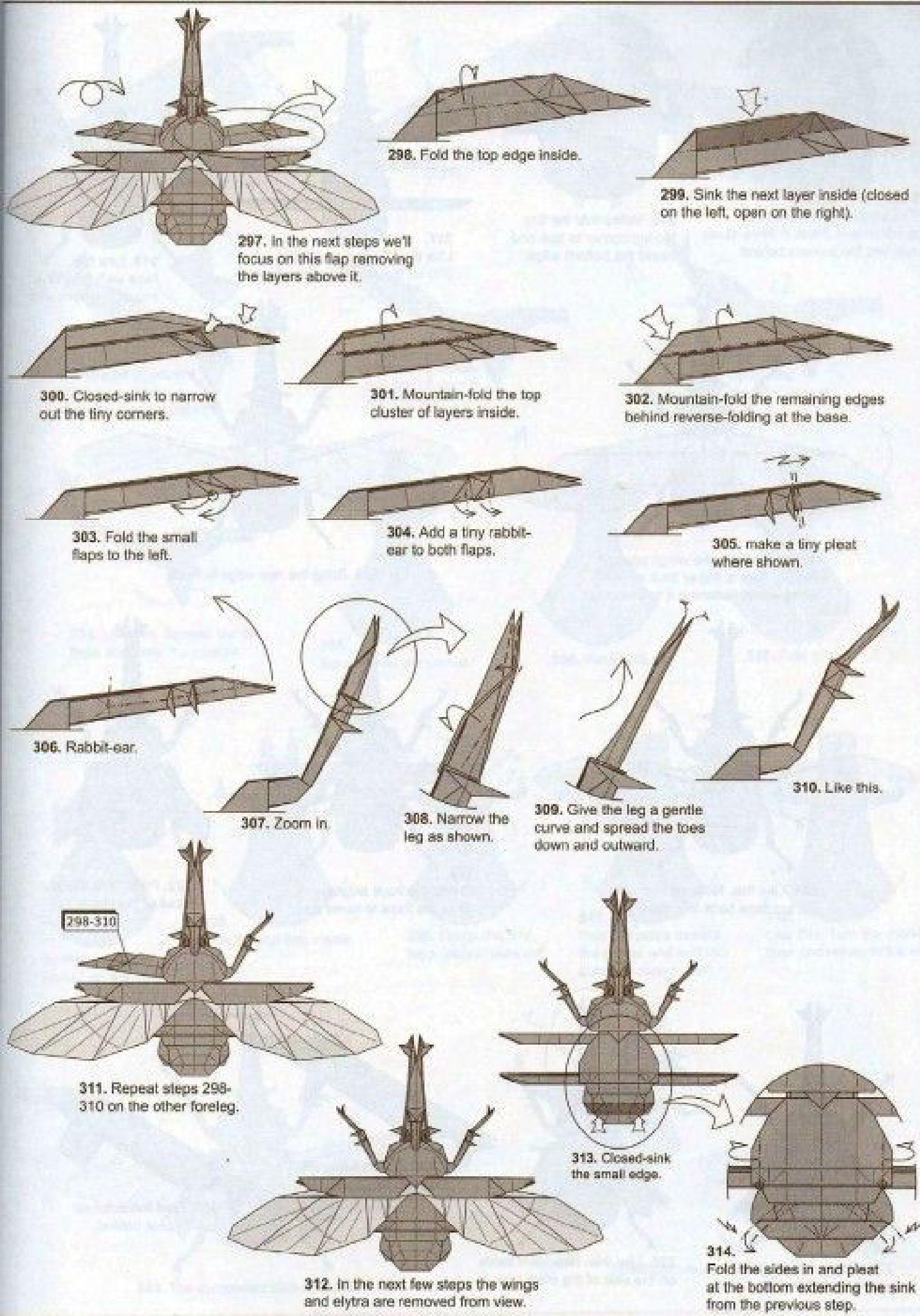
294. Like this. Turn over and return to full view.

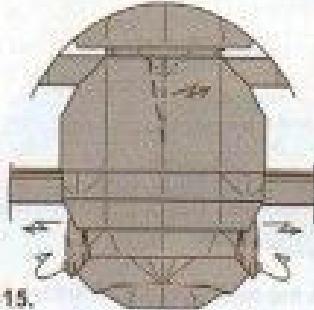


295. Squeeze the long horn in half and fold the bottom flap down.



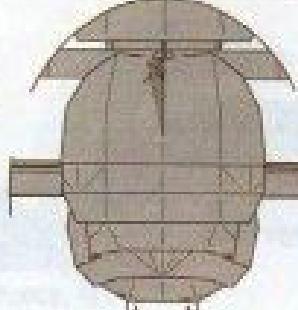
296. Like this. Turn over.





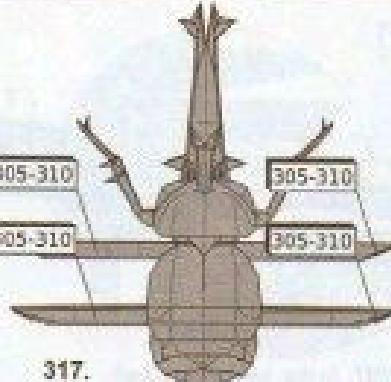
315.

The small corner at the top is not shown. Pleat in three spots and fold the corners behind.



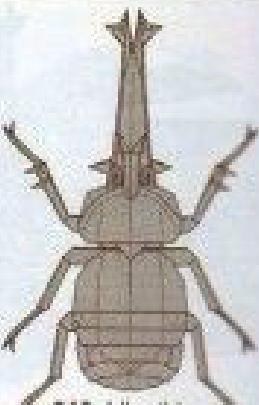
316.

Valley-fold the tiny hidden corner to lock and round the bottom edge.

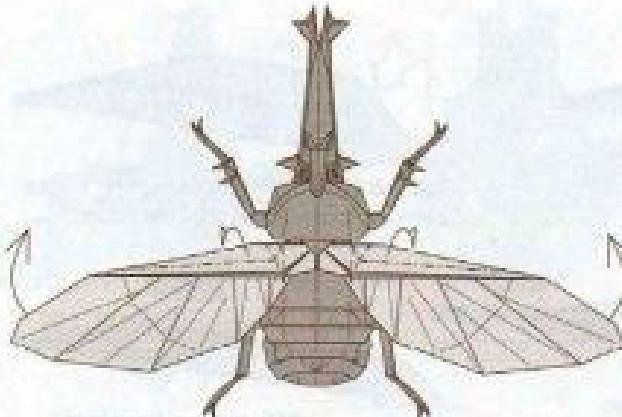


317.

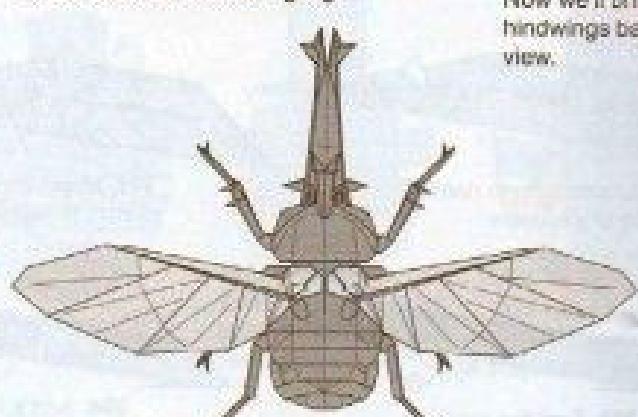
Like this. Repeat steps 305-310 on the four remaining legs.



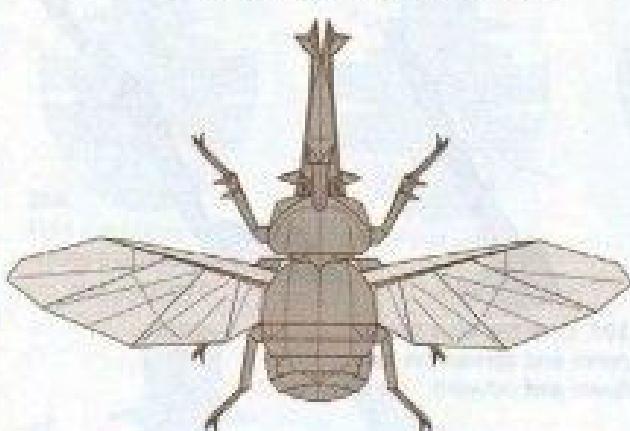
318. Like this. Now we'll bring the hindwings back into view.



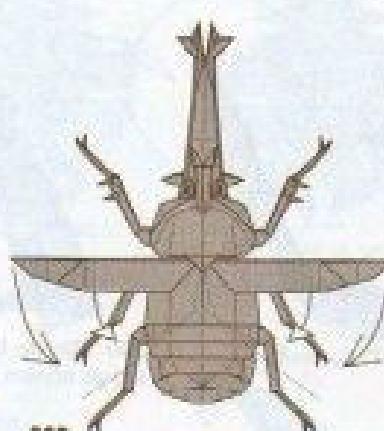
319. Rabbit-ear the wings upward slightly. This is super thick so don't worry about flattening it completely.



320. Bring the rear edge in front.

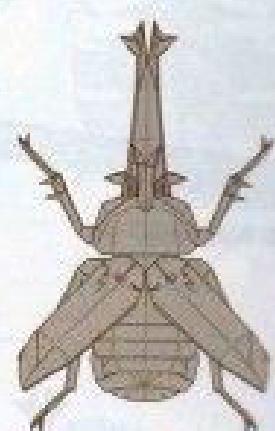


321. Like this. Now we'll bring the top flaps back into view.

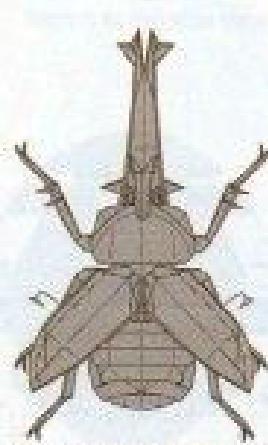


322.

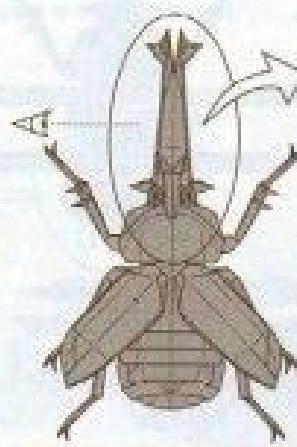
Unfold the back edges and allow the flaps to lower a bit.



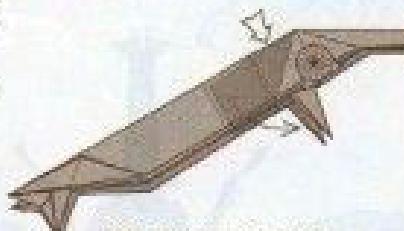
323. Pleat to flatten the base of the elytra.



324. Shape the wings with gentle mountain folds.



325. Like this. Now we'll focus on the side of the main horn.



326. Reverse-fold the hidden flap down.



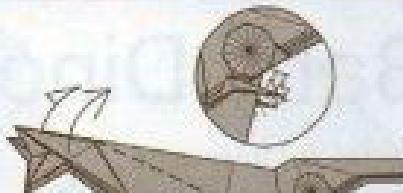
327. Fold the antenna up. Repeat behind.



328. Reverse fold the corner and rabbit-ear the antenna straight out. Repeat behind.



329. Crimp upward slightly.



330. Valley-fold the sides up and squash-fold the tips of the antennae.



331. Swivel a bit of paper inside to narrow the endpoints. Repeat behind.



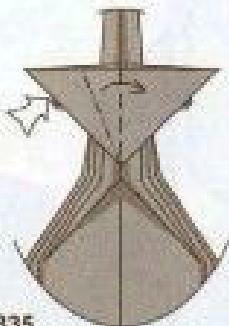
332. Open-sink inside, but don't flatten it completely.



333. Fold the sides out, push the top in, and curve the the horn upward.



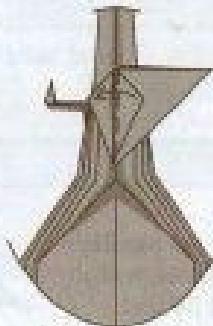
334. Like this. Spread out the flaps and view from below.



335. Squash-fold the corner.



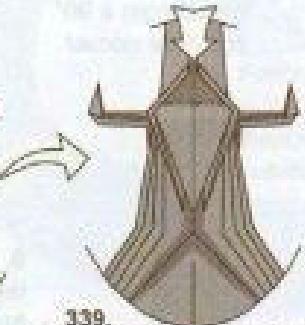
336. Petal-fold.



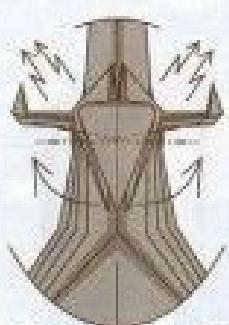
337. Fold in half.



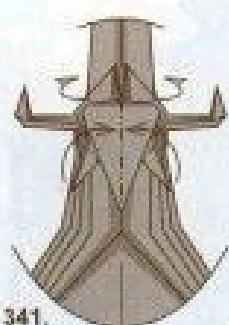
338. Repeat steps 335-337 on the right.



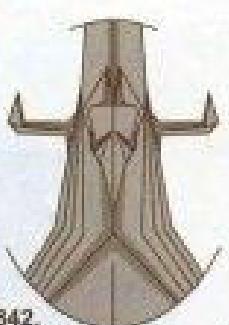
339. Sink the top flap inside.



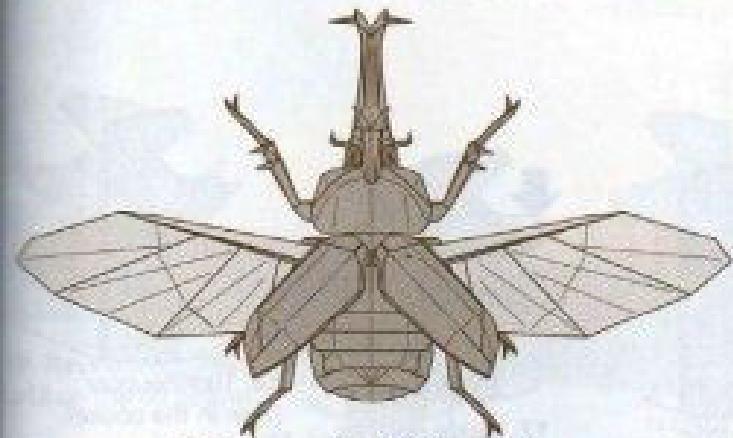
340. Crimp the tiny flaps (palps) outward.



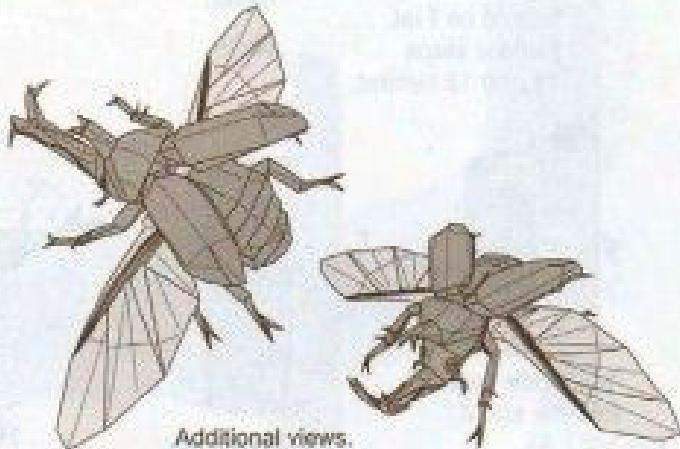
341. Fold the palps toward the center and fold this entire section in half.



342. Like this. Turn the model over and return to full view.



343. The completed Kabutomushi.



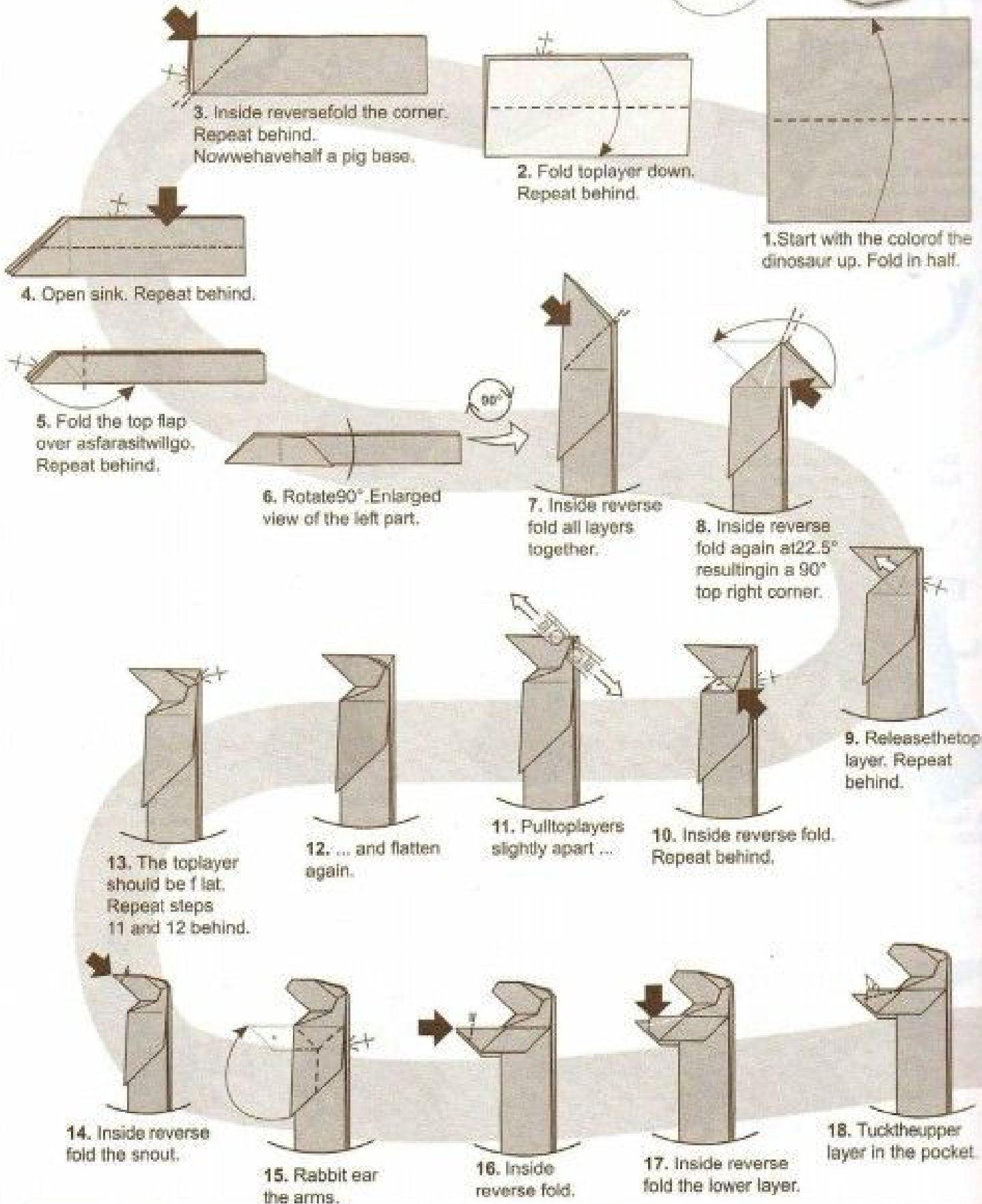
Additional views.

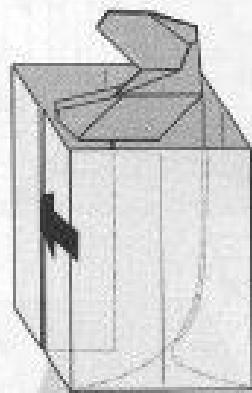
Baby Dinosaur

Model & Diagrams

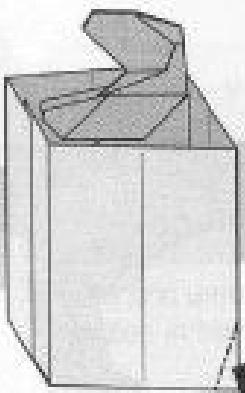
Jens Kober, 2013/2015

Use a 15x15cm paper for a 7.5cm high dinosaur.

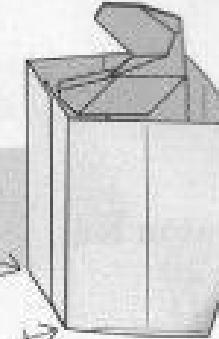




28. Push the front slightly together such that the two sides overlap.



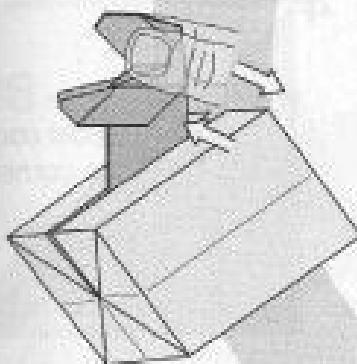
29. Close sink the corner and flatten.



30. Repeat for the other 3 corners.



31. Add some crimps.



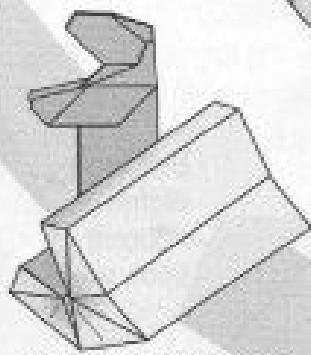
27. Pull the dinosaur inside the white box. Make sure that its back is closed. The layers on the bottom will curve (see next step).



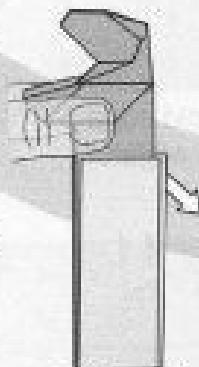
32. Fold behind and swivel to form cracks.



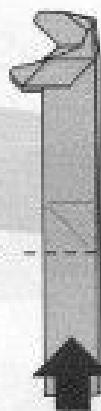
33. Round the dinosaur and pull the arms up.



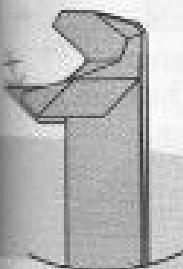
26. Flatten the bottom using the existing creases from step 23. The inside will not be flat.



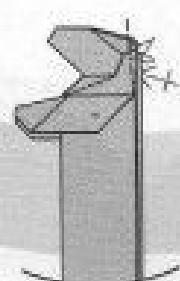
25. Open the white part.



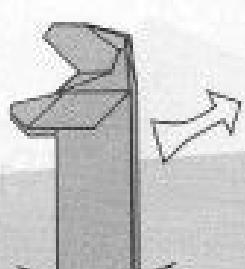
24. Outside reverse fold a chlayer. Enlarged view.



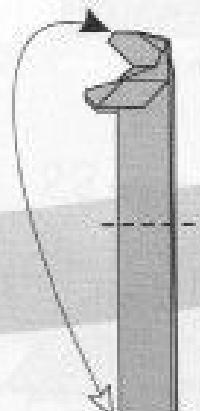
19. Repeat steps 16 to 18 on the other arm.



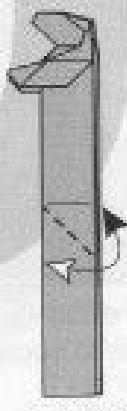
20. Narrow the neck with mountain folds.



21. Back to original view.



22. Fold and unfold.



23. Fold and unfold.

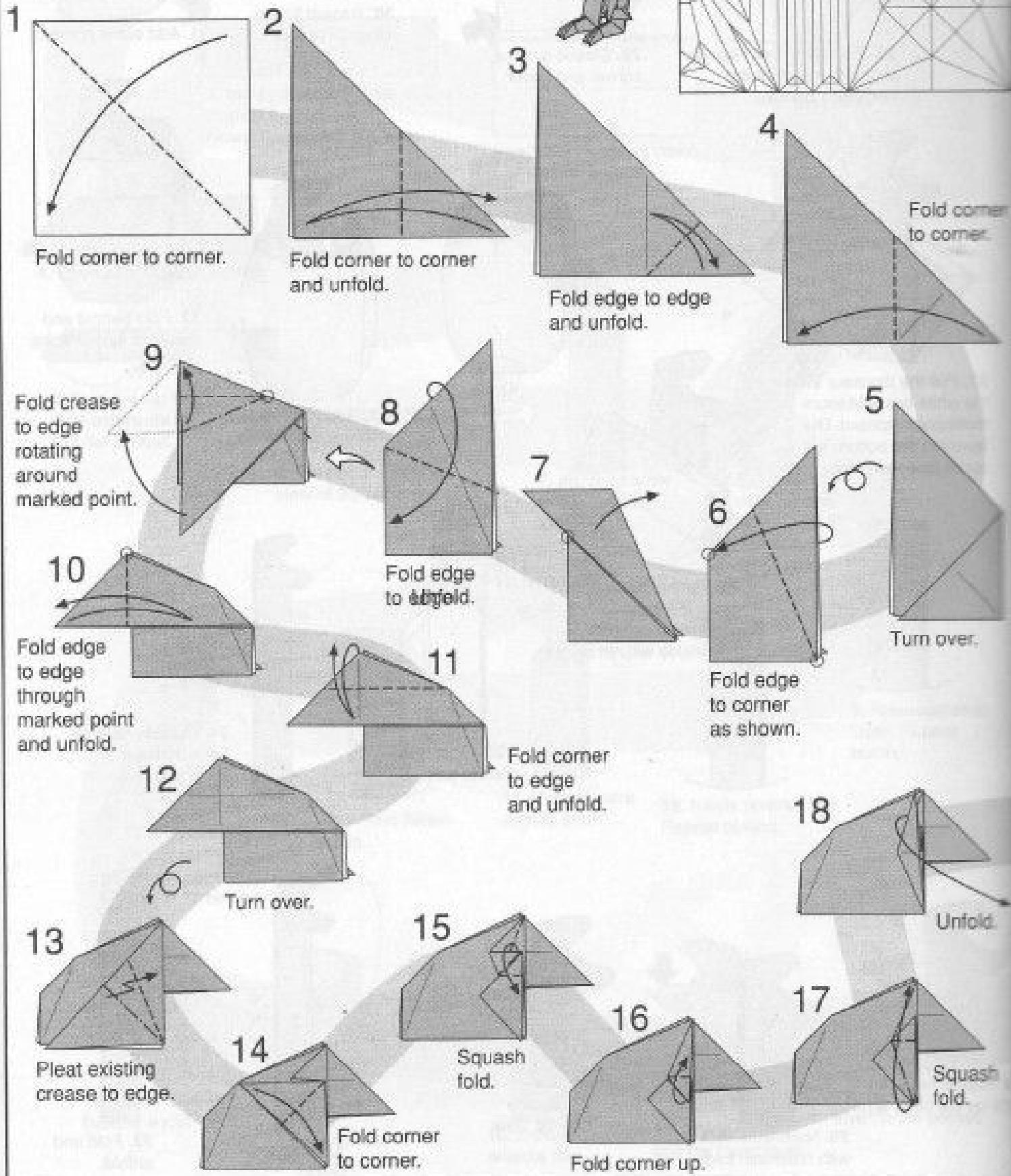
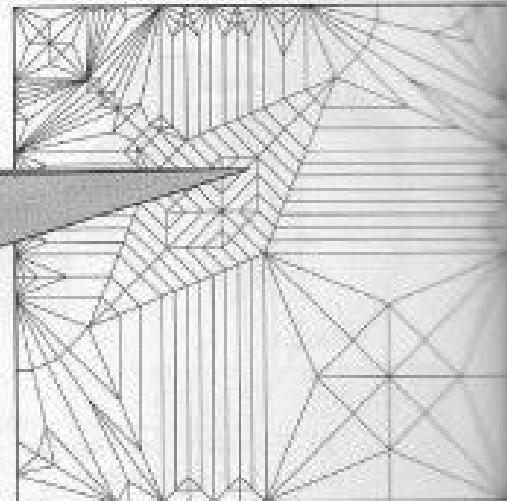
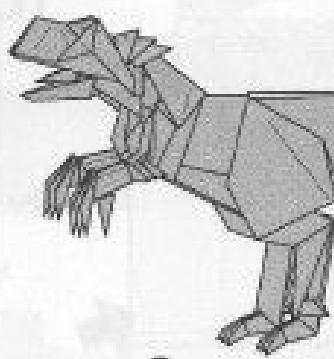
HJ Rex

Version 1.4 (no teeth)

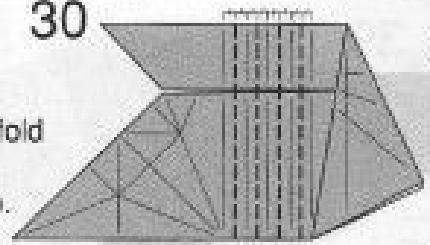
Model & Diagrams by Jason Ku

Designed: ©2015/06/10

Diagrammed: ©2015/07/11

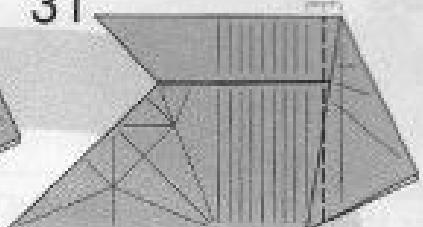


30



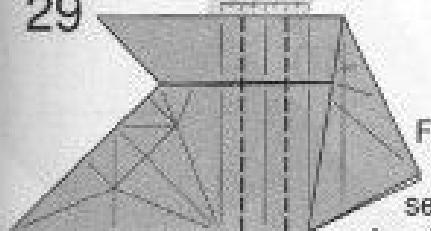
Fold and unfold section in eighths (1/8).

31



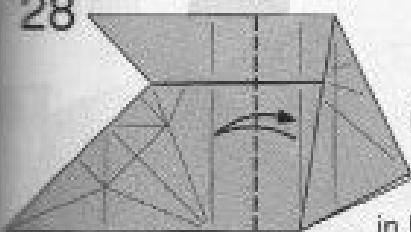
Fold and unfold section in half (1/2).

29



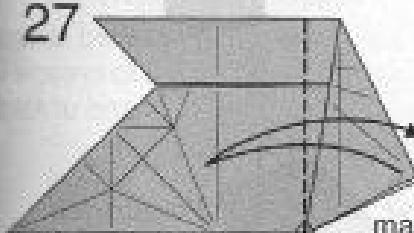
Fold and unfold section in fourths (1/4).

28



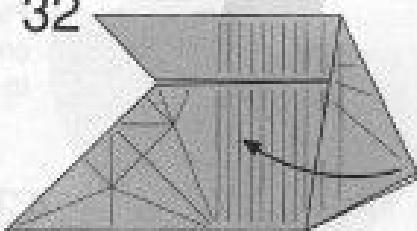
Fold and unfold section in half (1/2).

27



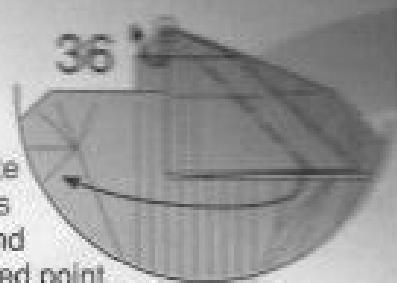
Fold and unfold through marked point.

32



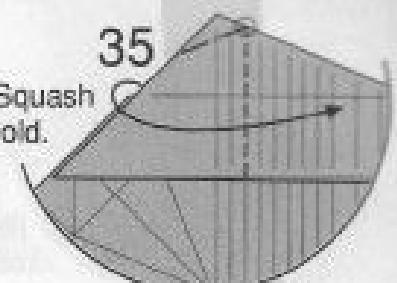
Unfold.

36



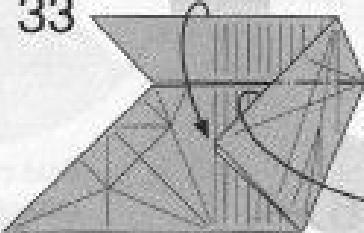
Rotate layers around marked point.

35



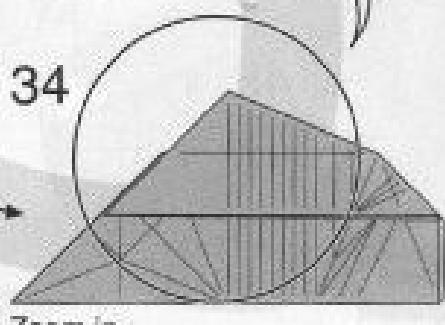
Squash fold.

33



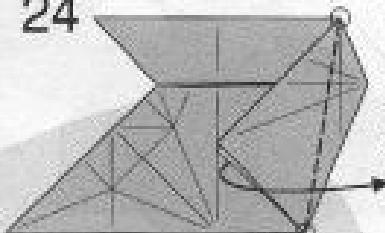
Unfold.

34



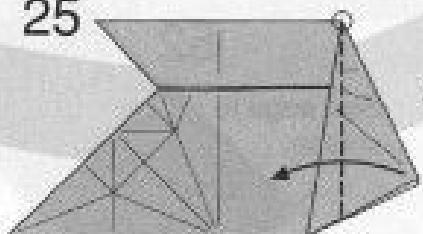
Zoom in.

24



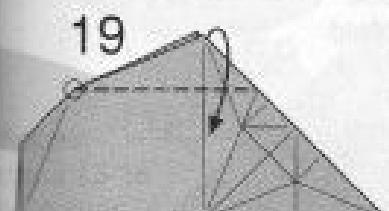
Fold through marked points.

25



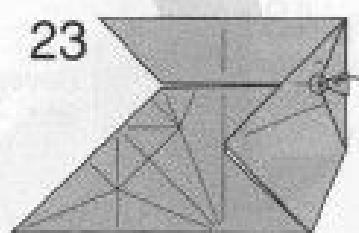
Fold vertically through marked point.

19



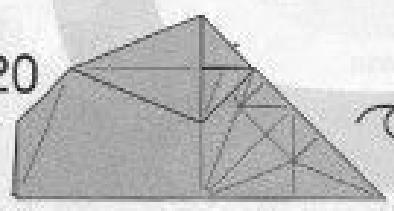
Fold corner down at marked point.

23



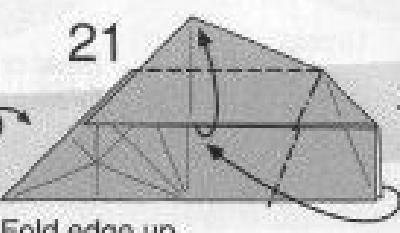
Note crease alignment. Unfold.

20



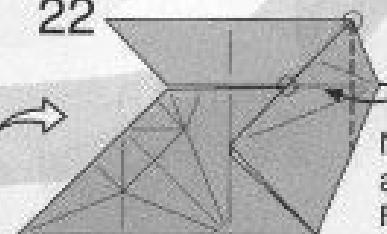
Turn over.

21

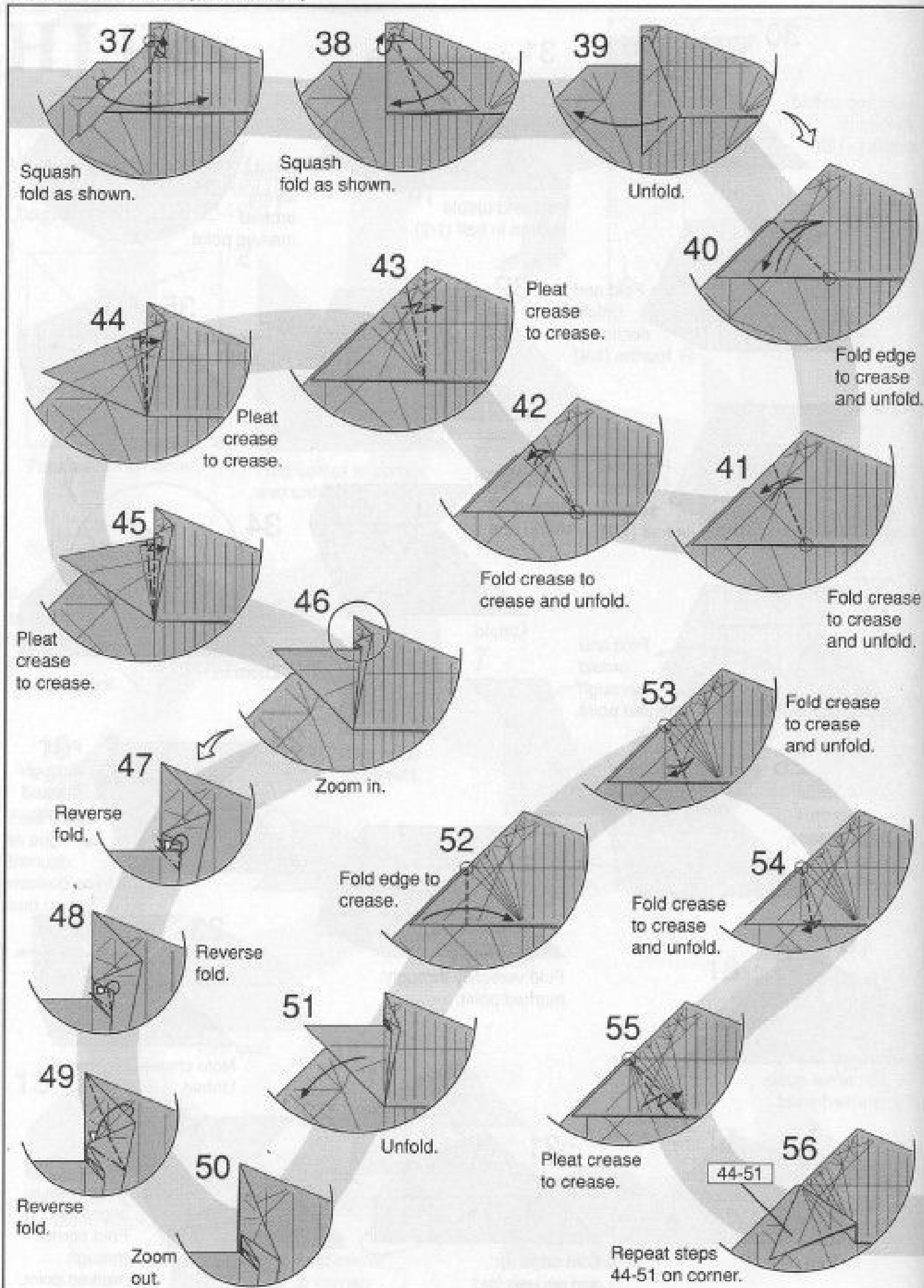


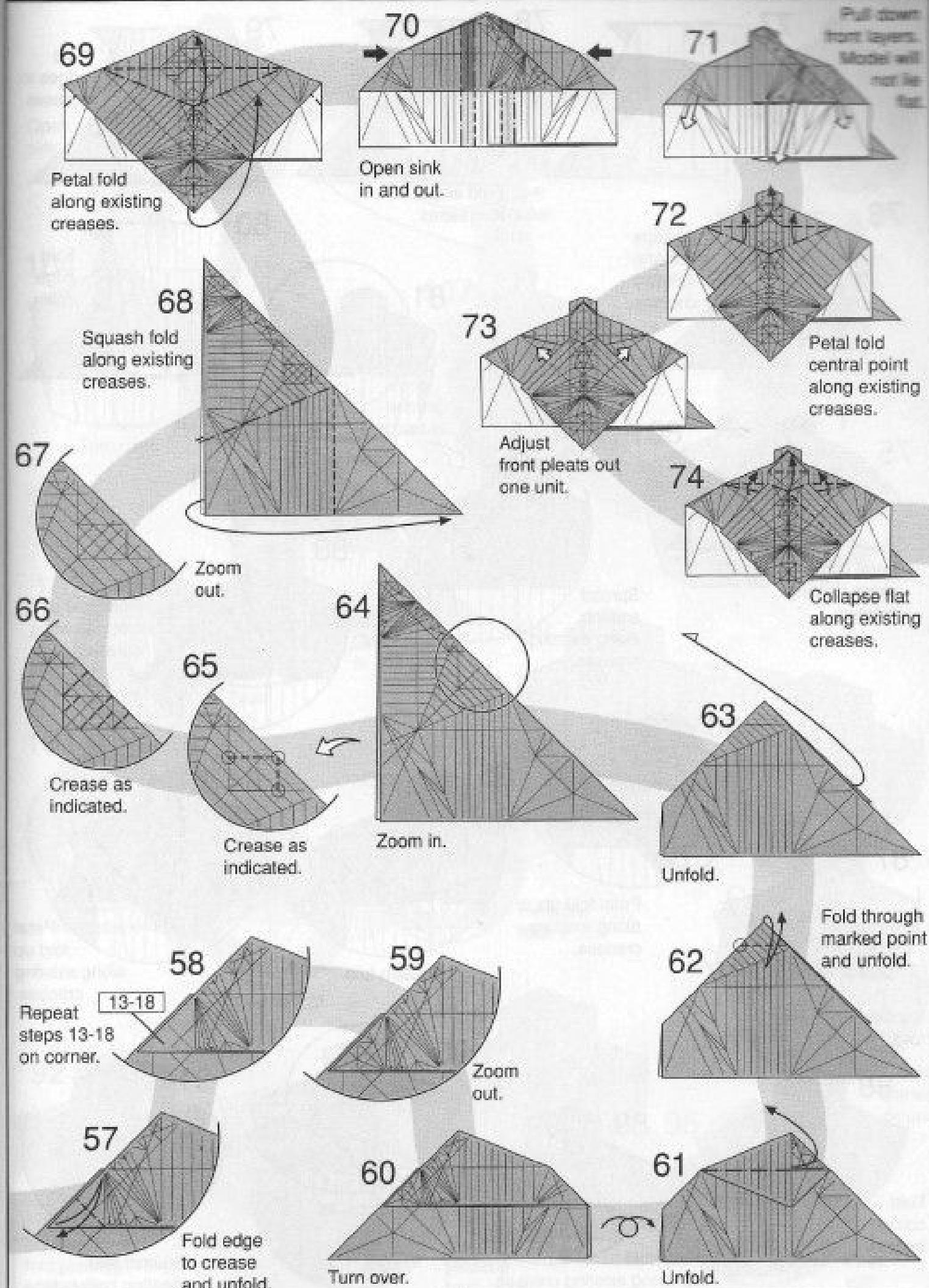
Fold edge up and squash fold.

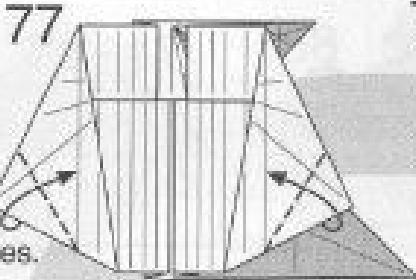
22



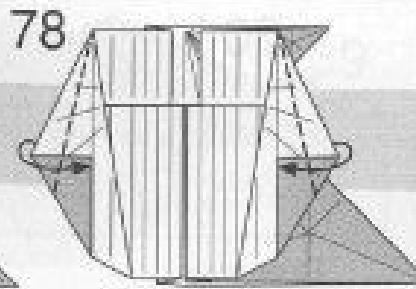
Note crease alignment. Fold corner through marked point.



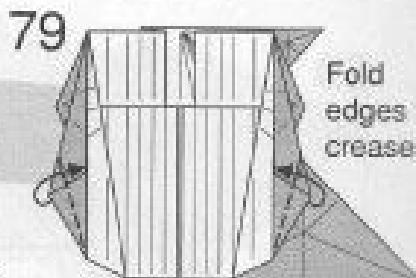




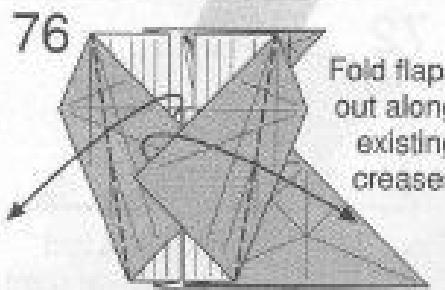
Fold edges to creases.



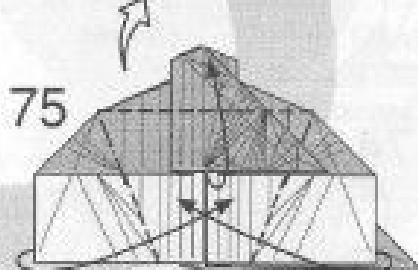
Fold edges to creases.



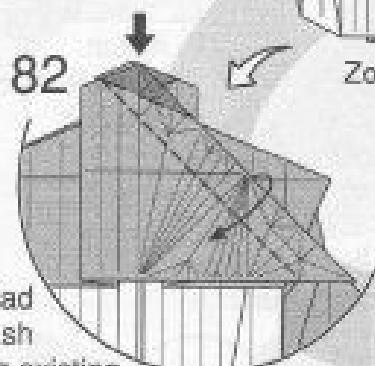
Fold edges to creases.



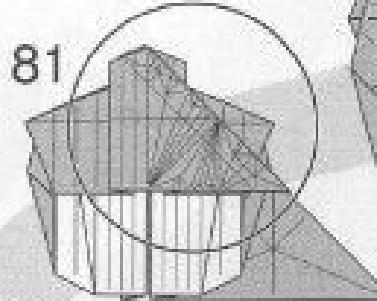
Fold flaps out along existing creases.



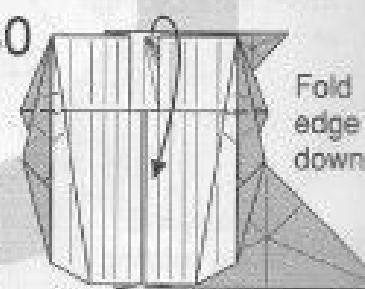
Petal fold along existing creases.



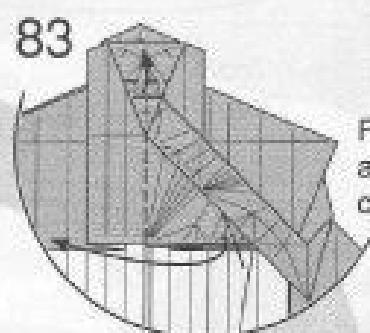
Spread squash along existing creases.



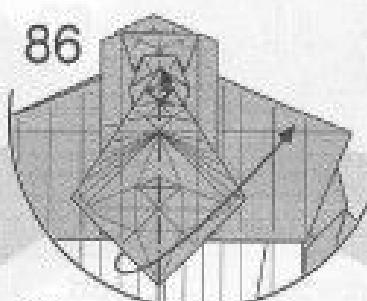
81



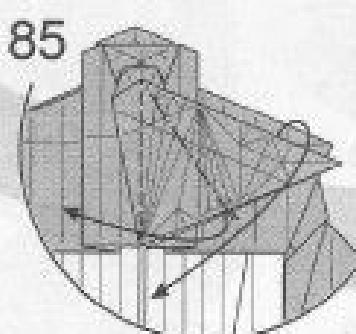
Fold edge down.



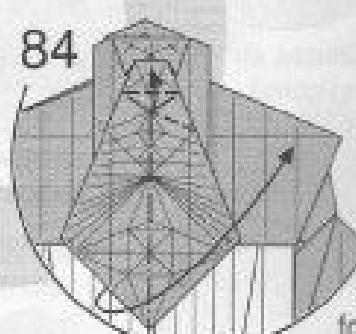
Petal fold up along existing creases.



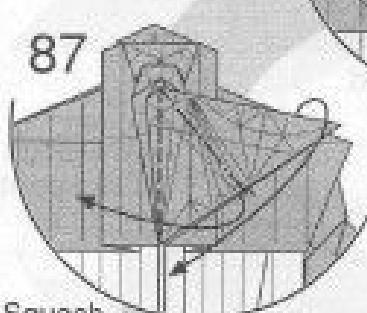
Petal fold up along existing creases.



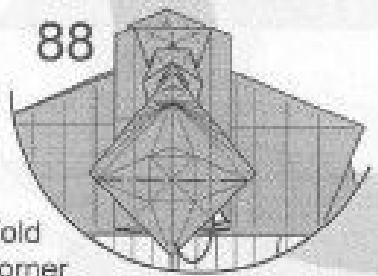
Squash fold.



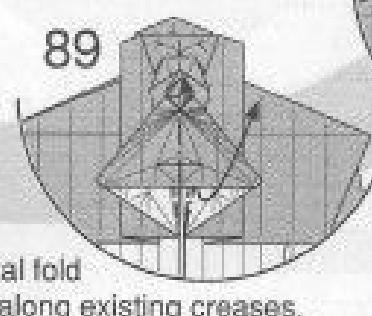
Petal fold up along existing creases.



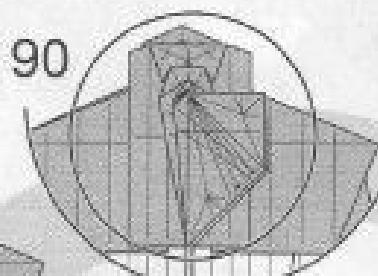
Squash fold.



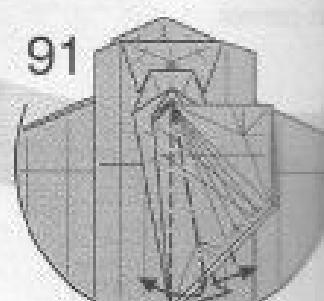
Fold corner behind.



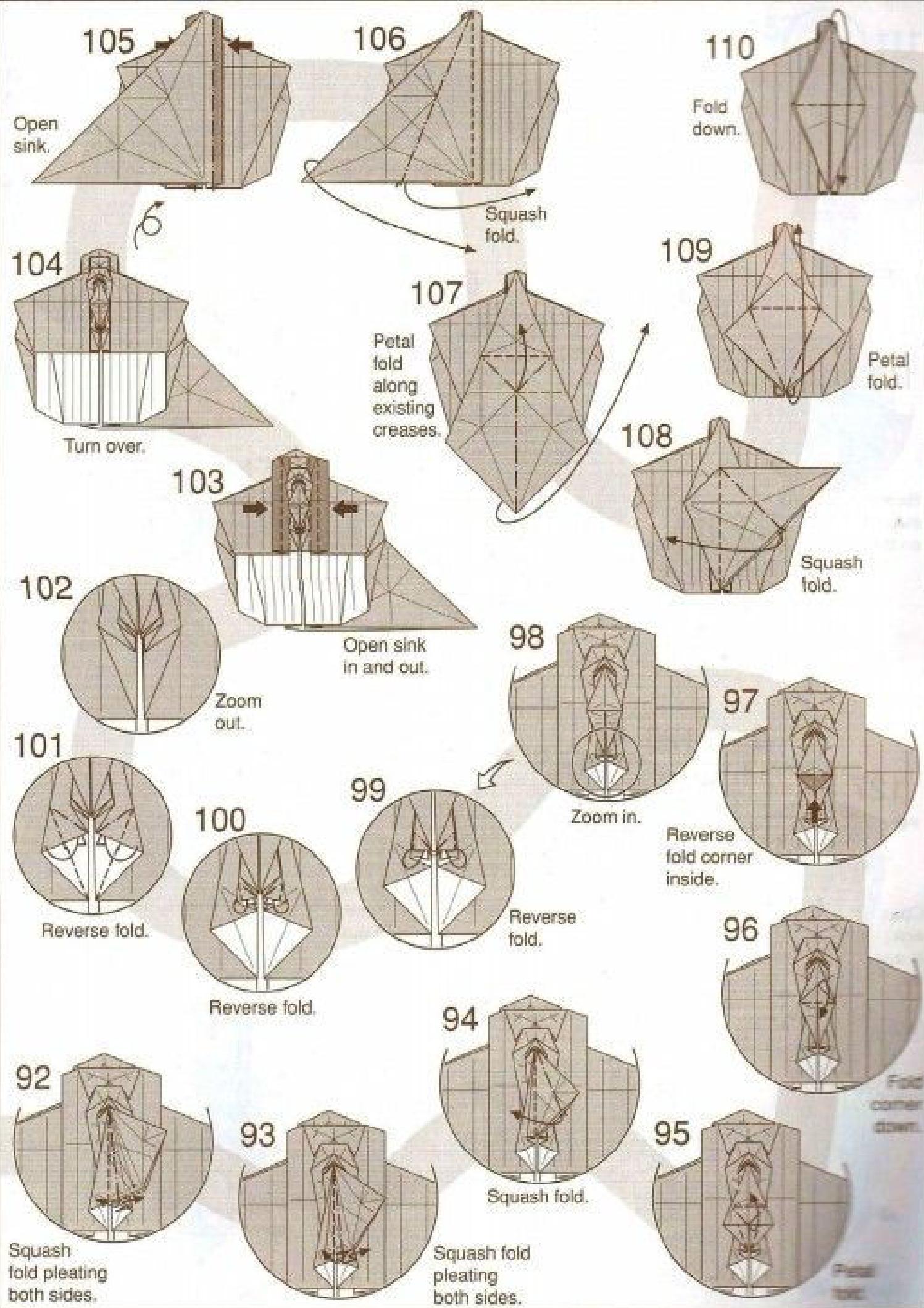
Petal fold up along existing creases.

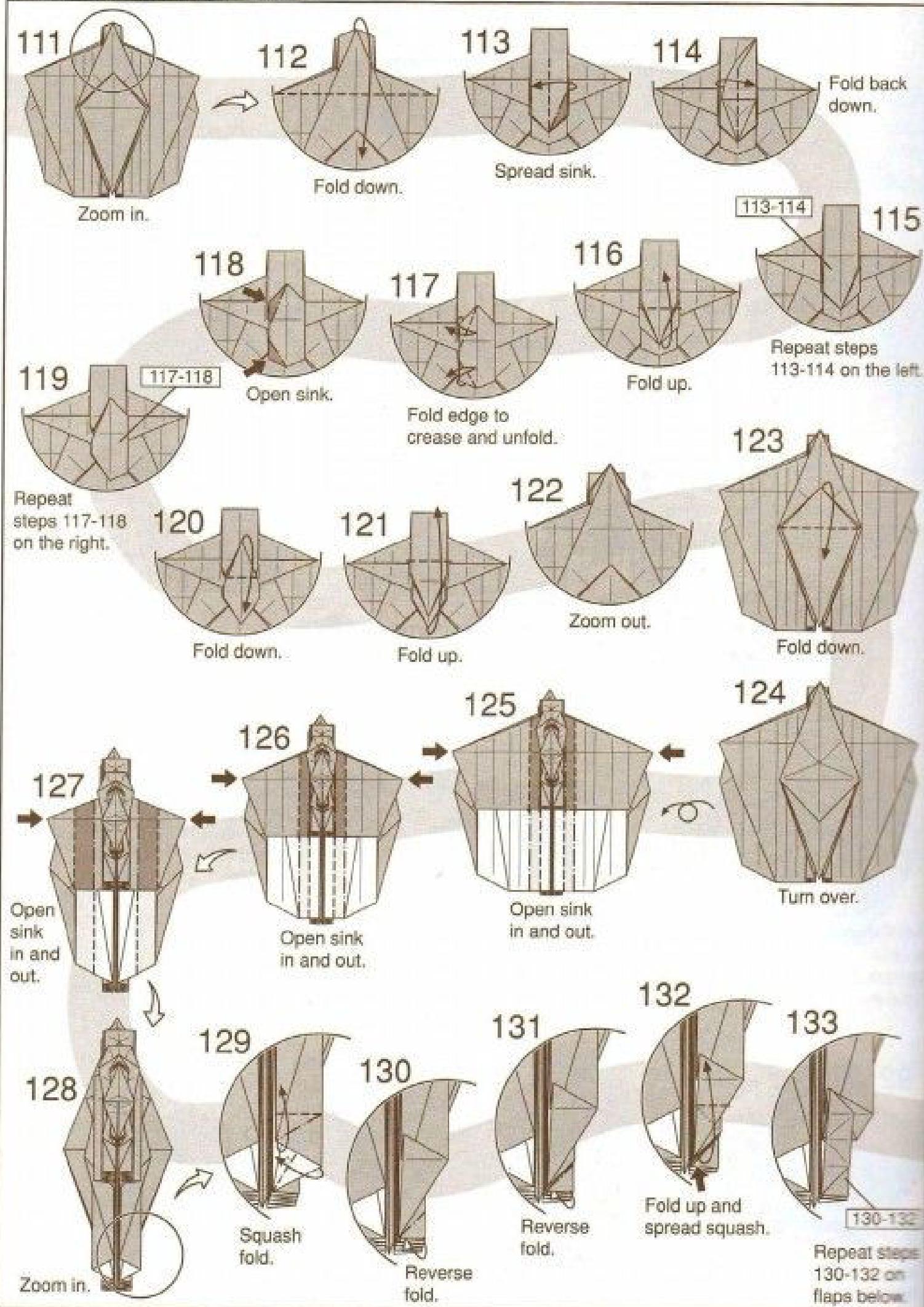


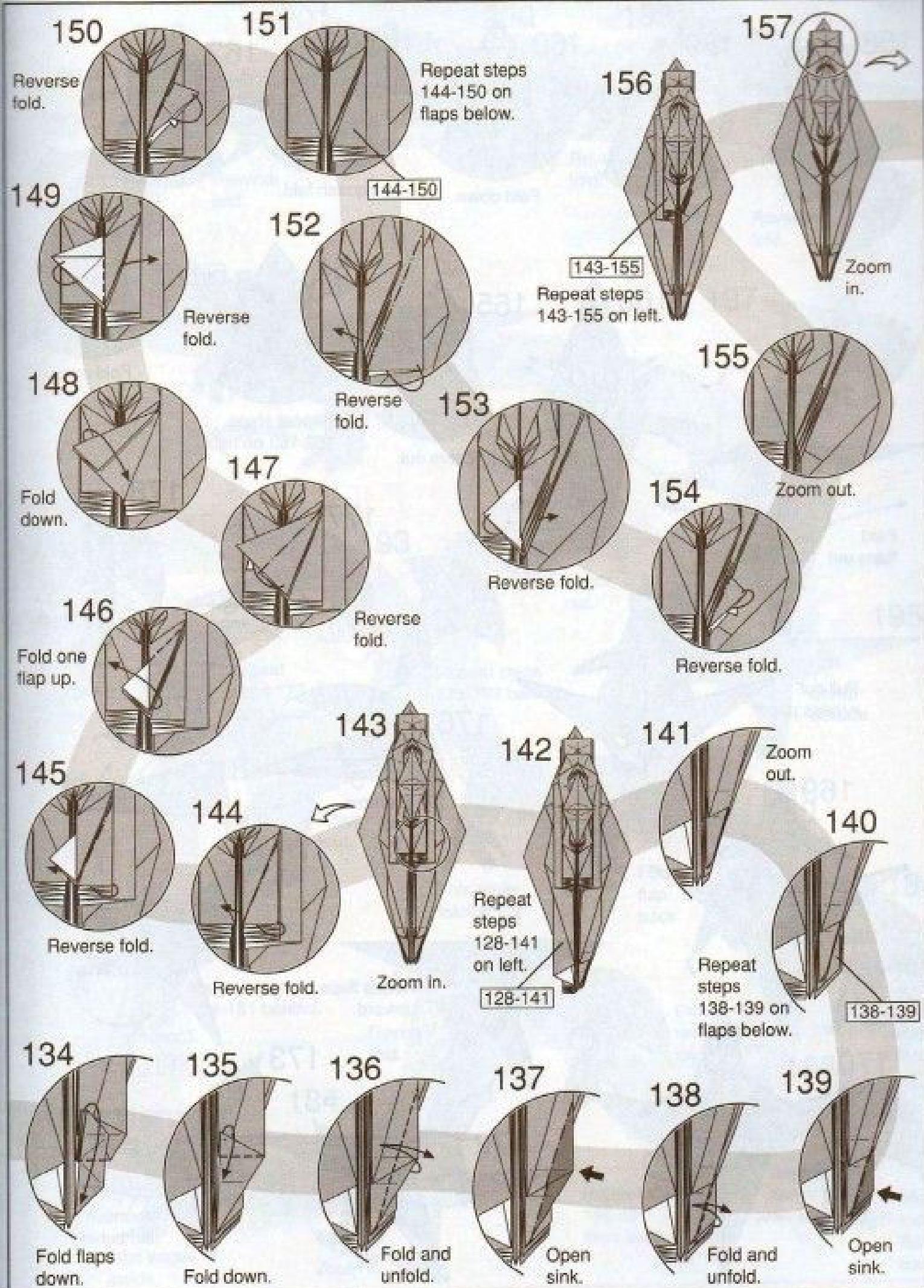
90

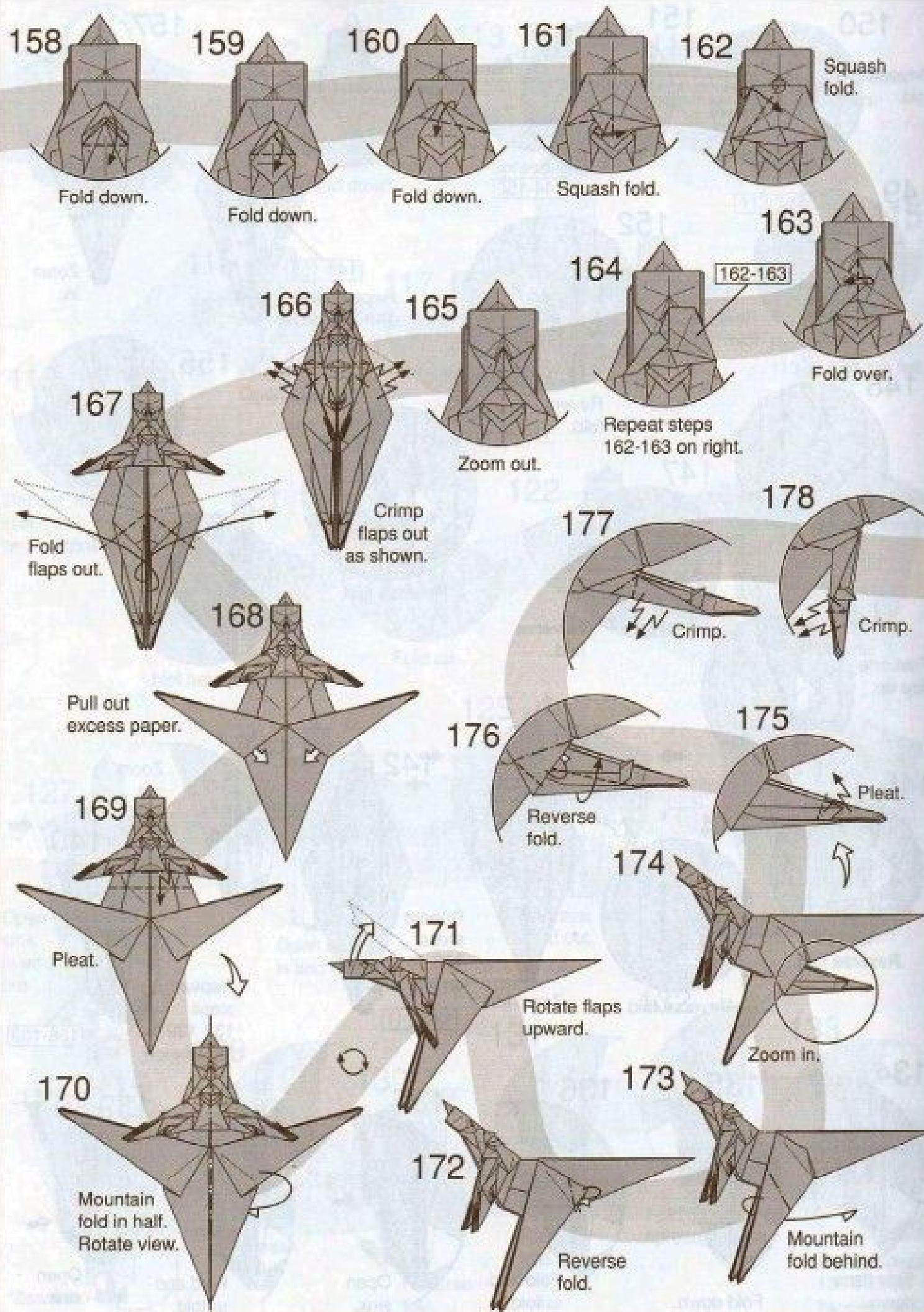


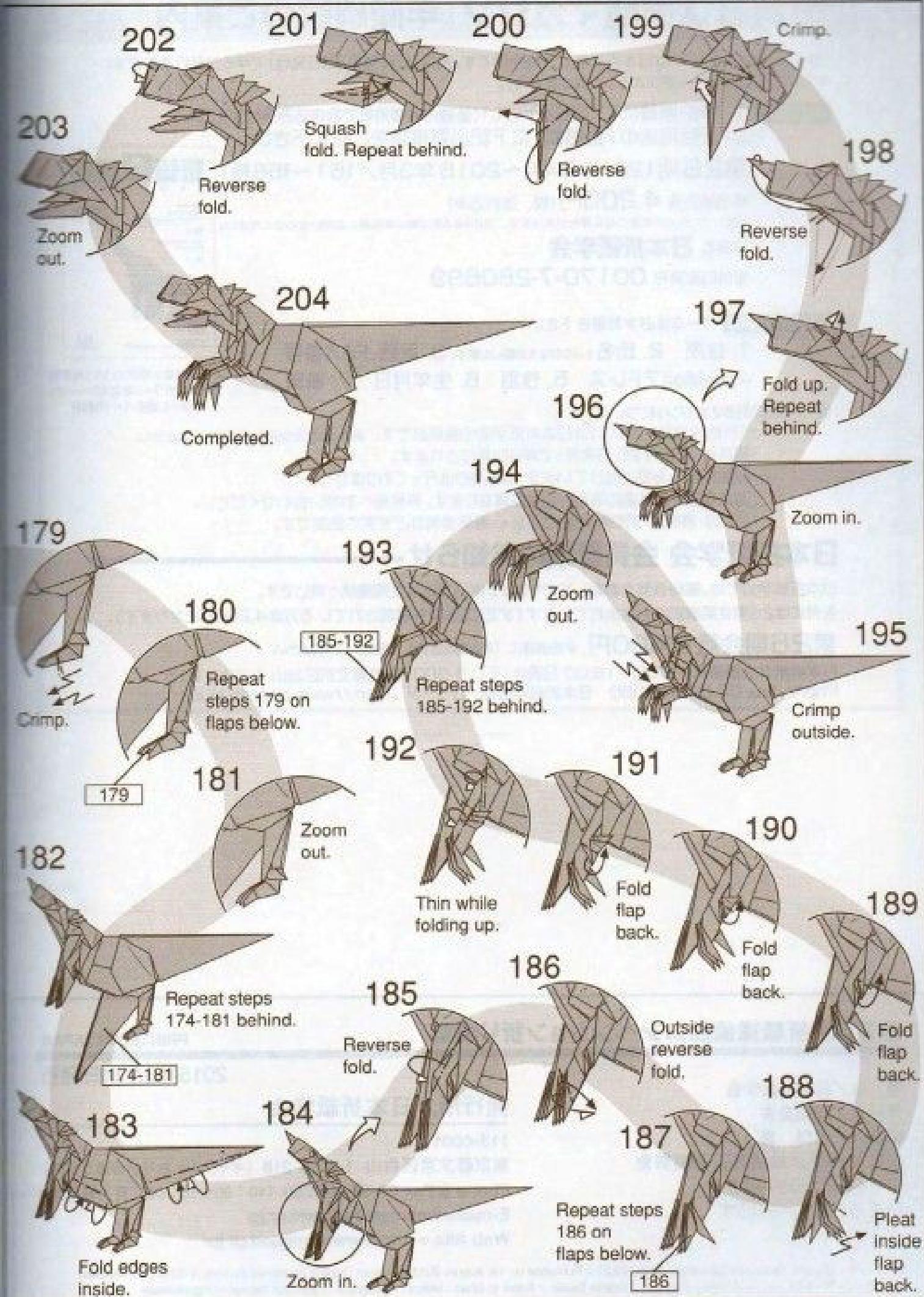
Squash fold pleating both sides.





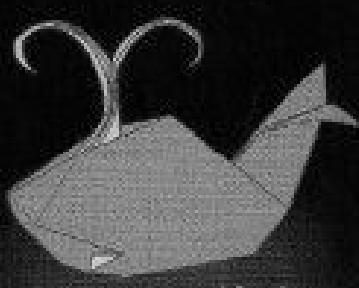
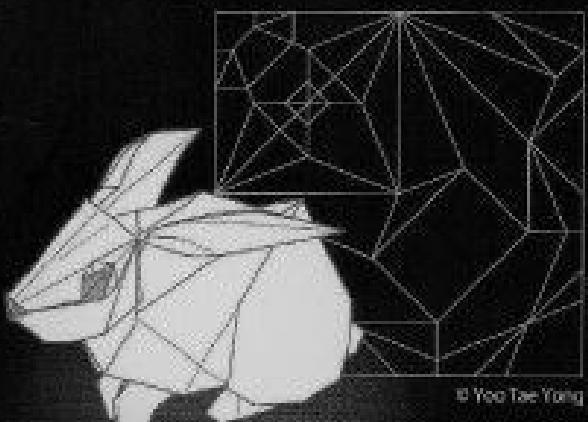
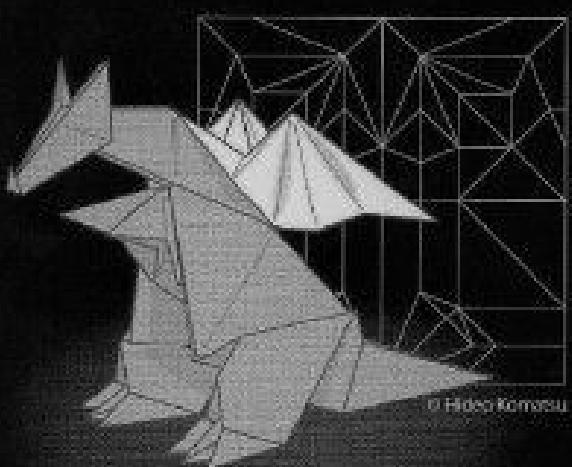
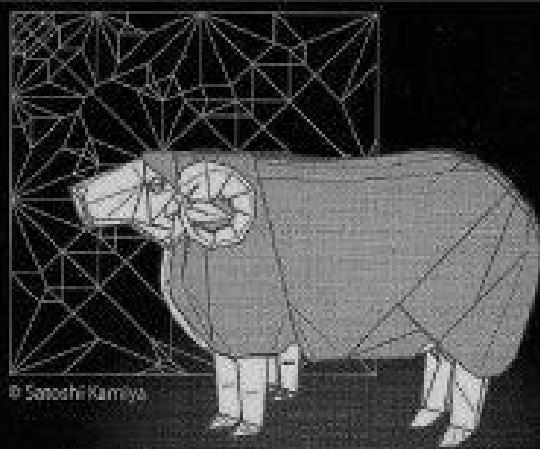
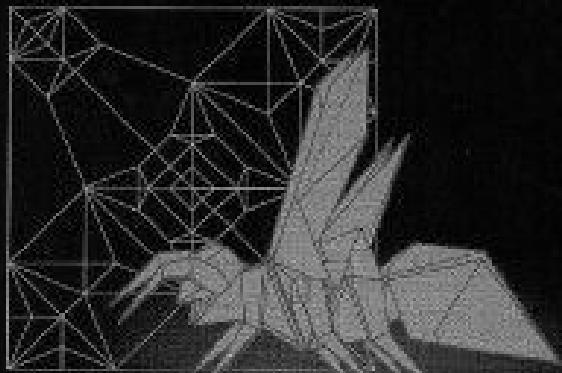






21st CONVENTION 2015

Japan Origami Academic Society



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