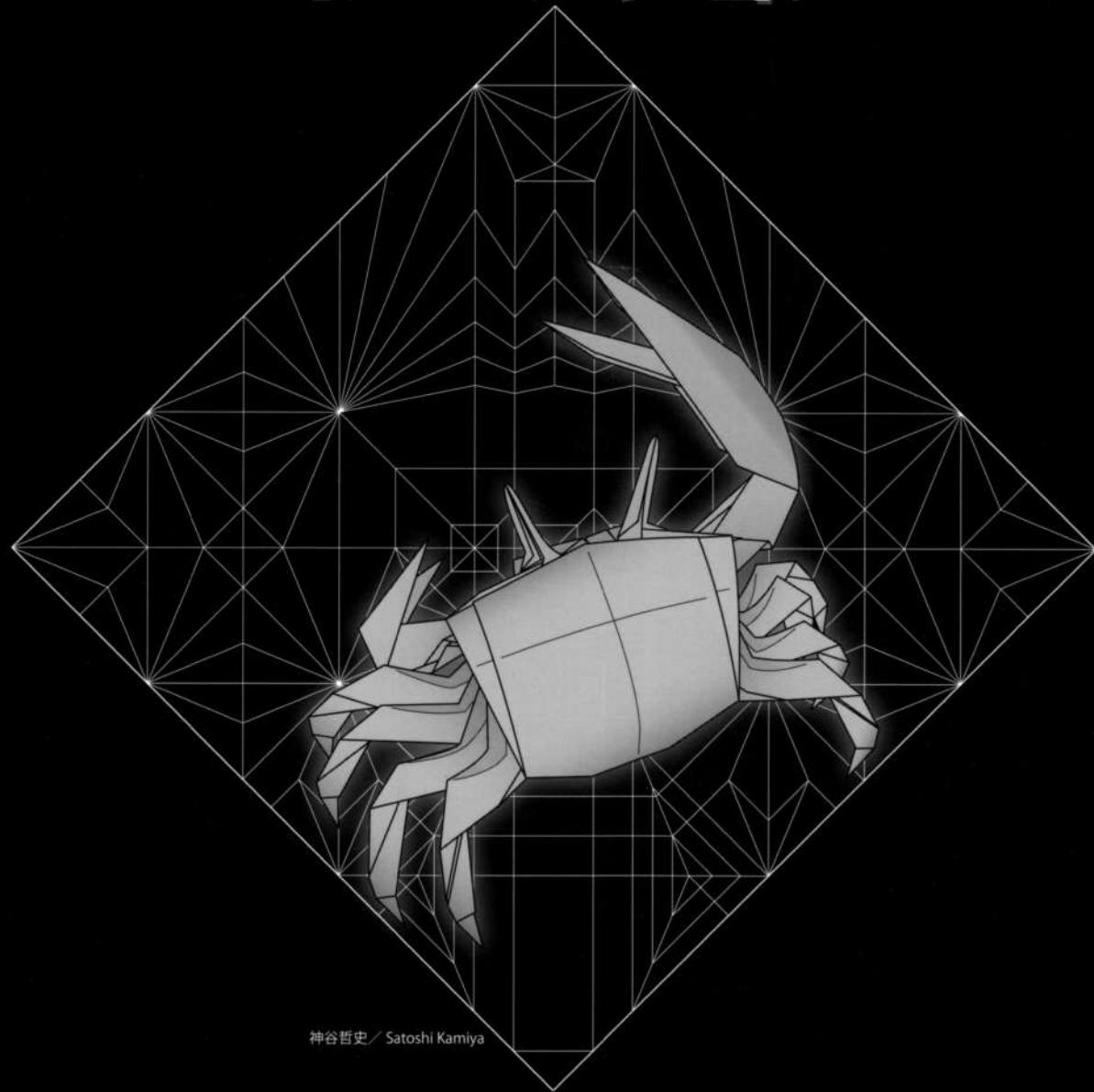


The 23rd ORIGAMI TANTEIDAN CONVENTION

第23回
折紙探偵団
コンベンション



折り図集
Vol.23

発行・日本折紙学会

CONTENTS

| | | | | |
|--|----------------------------|-----|-----------------------------------|-----|
| 折り図記号 | Symbols for Folding | 3 | アフリアンゾウ／ライアン・ウェルシュ | 142 |
| 基本形・沈め折り | Preliminary Bases and Sink | 4 | African Elephant / Ryan Welsh | |
| 正二十面体／川畠文昭 | | 6 | サイ／ファン・ホワン・トゥアン | 149 |
| Regular octahedron / Fumiaki Kawahata | | | Rhinoceros / Pham Hoang Tuan | |
| 半骨正八面体／前川 淳 | | 10 | ラクダ／マーク・カーシェンバウム | 160 |
| Half Skeletal Regular Octahedron / Jun Maekawa | | | Camel / Marc Kirschenbaum | |
| ダイヤモンドBOX／川崎敏和 | | 12 | 馬／マックス・ダンジェ | 163 |
| Diamond BOX / Toshikazu Kawasaki | | | Horse / Max d'Anger | |
| 鼻上げ象／加茂弘郎 | | 14 | ヤギ2015 Ver. 2.2／ロナルド・コウ | 176 |
| Lucky Elephant / Hiroo Kamo | | | Goat 2015 Ver. 2.2 / Ronald Koh | |
| ぞう／山口之彦 | | 19 | ビクニーヤ／デイビット・ジャンケ | 182 |
| Elephant / Yukihiko Yamaguchi | | | Vicuna / David Llangu | |
| キリン／酒井英司 | | 26 | イノシシ／ユ・テヨン | 187 |
| Giraffe / Eiji Sakai | | | Wild Boar / Yoo Tae Yong | |
| ブタ／稻吉秀尚 | | 30 | 狼／イエリ・J・アストロナ | 190 |
| Pig / Hidehisa Inayoshi | | | Lobo / Yery J. Astrona | |
| 兎 Ver.2011／霞 誠志 | | 34 | 子うさぎ／ハビエル・ビバンコ | 193 |
| Rabbit / Seishi Kasumi | | | Baby Rabbit / Javier Vivanco | |
| チワワ／小林弘明 | | 40 | ダックスフント／ウィル・チュア | 196 |
| Chihuahua / Hiroaki Kobayashi | | | Dachshund / Wil Chua | |
| キーウィ／櫻井亮佑 | | 44 | あひる／チョン・ジェイル | 202 |
| Kiwi / Ryosuke Sakurai | | | Duck / Jeong Jaeil | |
| ハシビロコウ／亀井浩平 | | 47 | ネコ／アンドレイ・エルマコフ | 206 |
| Shoebill / Kohe Kamei | | | Cat / Andrey Ermakov | |
| 飛ぶ小鳥／鶴田芳理 | | 52 | ネズミ／ミンダウカス・チェスナビシウス | 209 |
| Flying bird / Yoshimasa Tsuruta | | | Rat / Mindaugas Cesnavicius | |
| 立体ふくろう ver.3 (4本指脚付)／津田良夫 | | 55 | イライラがえる／オリオール・エステベ | 212 |
| Owl ver.3 (with legs) / Yoshiro Tsuda | | | Grumpy Frog / Oriol Esteve | |
| シマエナガ／勝田恭平 | | 60 | ヒキガエル／ウィリアム・ハートマン | 216 |
| Long-tailed Tit / Kyohhei Katsuta | | | Toad / William Hartman | |
| とりぼう／山北克彦 | | 65 | カーディナル／タ・チュン・ドン | 219 |
| Toribou / Katsuhiko Yamakita | | | Cardinal / Ta Trung Dong | |
| ルリビタキ／宮島 登 | | 68 | カーディナル／ベス・ジョンソン | 222 |
| Flycatcher / Noboru Miyajima | | | Cardinal / Beth Johnson | |
| 雄鶏／萩原 元 | | 72 | アオカケス／ライアン・ドン | 226 |
| Rooster / Gen Hagiwara | | | Blue Jay / Ryan Dong | |
| ウミガメ／西川誠司 | | 83 | ツバメ／ウィル・チュア | 228 |
| Sea Turtle / Seiji Nishikawa | | | BARN SWALLOW / Wil Chua | |
| バショウカジキ／渡辺 大 | | 86 | グッピー／ワインストン・リー | 234 |
| Sail fish / Dai Watanabe | | | Guppy / Winston Lee | |
| シオマネキ／神谷哲史 | | 92 | サメ／ケイド・チャン | 239 |
| Fiddler crab / Satoshi Kamiya | | | Shark / Kade Chan | |
| 旅客機／各務 均 | | 103 | ハッピーホエール／グエン・フン・クオン | 244 |
| Airliner / Hitoshi Kakami | | | Happy Whale / Nguyen Hung Cuong | |
| ジャコランタン／高木ひろみ | | 106 | パープルタン／ワインストン・リー | 249 |
| Jack-O'-Lantern / Hiromi Takagi | | | Purple Tang / Winston Lee | |
| ジャコランタン／南 樹 | | 108 | ペールテール／ジャックシエル・リーバス | 256 |
| Jack-o'-Lantern / Itsuki Minami | | | Veiltail goldfish / Jacksie Rivas | |
| ゴジラ／井上岳哉 | | 112 | マンモス／チャン・チュン・ヒュ | 259 |
| Godzilla / Takaya Inoue | | | MAMMOTH v1.2 / Tran Trung Hieu | |
| ドラゴネット／國宗 慎 | | 116 | ラスター・ドラゴン／イ・インソブ | 262 |
| Dragonet / Makoto Kunimune | | | Luster dragon / Lee, In Seop | |
| 火鳥／菊地 杠斗 | | 120 | キリングビナガオトシブミ／ジェイムズ・ルーカス | 275 |
| Firebird / Masato Kikuchi | | | Giraffe Weevil / James Lucas | |
| フライドポテト／有澤悠河 | | 130 | トラック／マーク・ボライノ | 281 |
| French Fries / Yuga Arisawa | | | Lorry / Mark Bolitho | |
| 花のモチーフ B／合谷哲哉 | | 132 | ひじ掛け椅子／マーク・ボライノ | 284 |
| Flower Motif B / Tetsuya Gotani | | | Arm chair / Mark Bolitho | |
| 両面サクラ・スター／アリ・バーマニ | | 135 | I Love You / シャオシェン・ファン | 286 |
| 2Sided Sakura Star / Ali Bahmani | | | I Love You / Xiaoxian Huang | |
| チェックカード・スピナー・キューブ／マックス・ヒューム | | 138 | 少女／チェン・シャオ | 288 |
| Chequered Spinner Cube / Max Hulme | | | Little girl / Chenxiao | |
| アーモンド／エカテリーナ・ルカシェヴァ | | 140 | おばけ／オリオール・エステベ | 294 |
| ALMOND / Ekaterina Lukasheva | | | Ghost / Oriol Esteve | |
| | | | ガイ・フォーカス／クエンティン・トロリップ | 296 |
| | | | Guy Fawkes / Quentin Trollip | |

折り図記号 Symbols for Folding

折り線の種類 Types of crease lines

谷折り線 Valley fold

手前に折る
Fold paper forwards

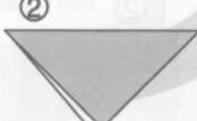
谷折り Valley fold



山折り線 Mountain fold

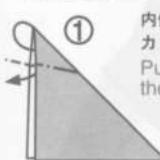
後ろへ折る
Fold paper backwards

山折り Mountain fold

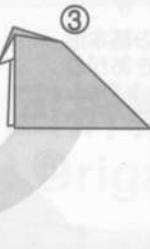
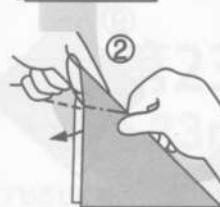


折り方の技法 Basic Folding Skills

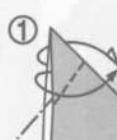
中わり折り Inside-reverse fold



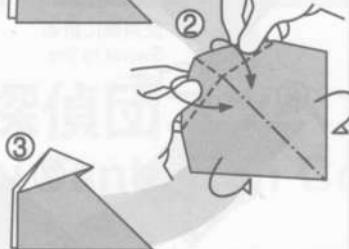
内側を割るようにして
カドを出すように折る
Push the corner in
the middle.



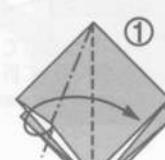
かぶせ折り Outside-reverse fold



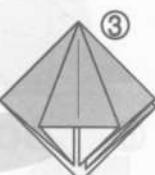
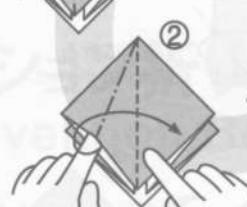
内側を開いてかぶせる
ようく折る
Open and fold outside.



内側をひろげてつぶすように折る Squash fold

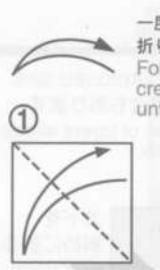


角度が違ったり、一部で
あったりすることもある
Many types of total/partial
squashing are possible.



いろいろな記号 Symbols

折り筋をつける Making a crease line



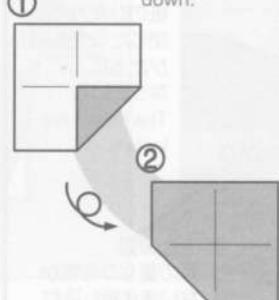
一度折ってから戻して
折り筋をつける
Fold and mark a
crease line, then
unfold.



裏返す Turn paper over



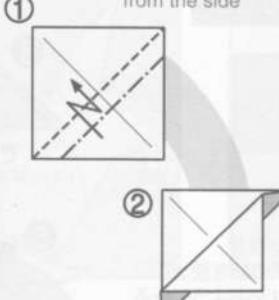
おりがみを裏返す
上下の位置は
変わらない
Don't rotate the
paper upside
down.



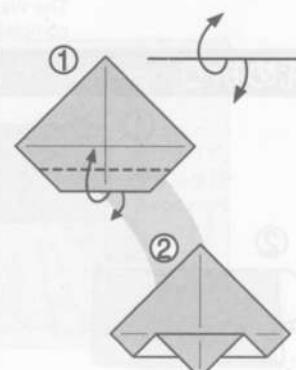
段折り Pleat fold



横から見ると
段になっている
ようく見える
Pleats are formed
when you look
from the side



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



次の図が 大きくなる A magnified view



仮想線・透視線 A hidden line

ひろげる Open up



○と○を 合わせて折る Match circled points



押す・つぶす Push paper in



引き出す Pull out



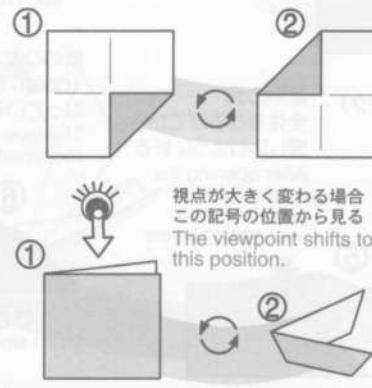
巻くように折る Roll the flap by repeated folds



注意するところ Marked points



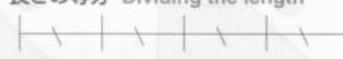
次の図の見る位置が変わる Paper position changes (rotation)



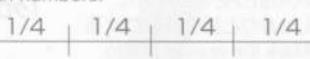
視点が大きく変わった場合
この記号の位置から見る
The viewpoint shifts to
this position.

等分記号 Division

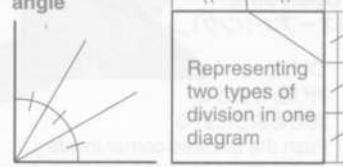
長さの等分 Dividing the length



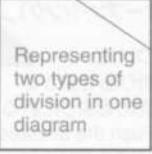
数字で表す場合もある
The ratio is often represented
with numbers.



角度の等分 Dividing the angle



1つの図で2種類の
等分を表す場合

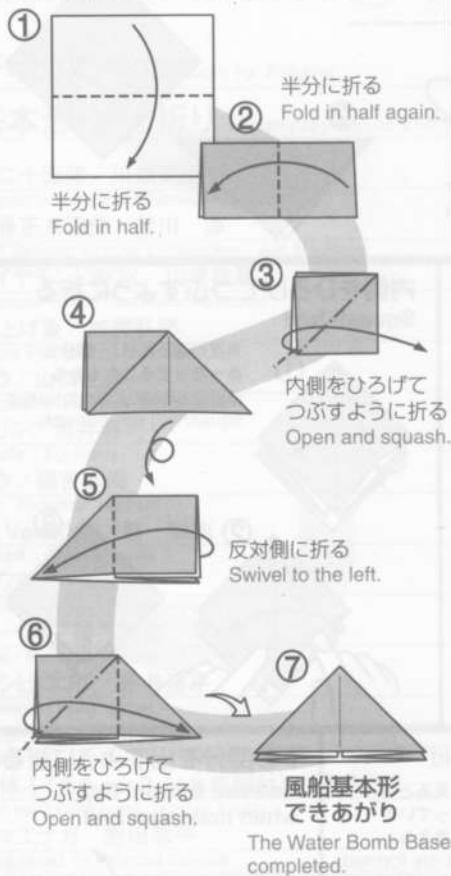


Representing
two types of
division in one
diagram

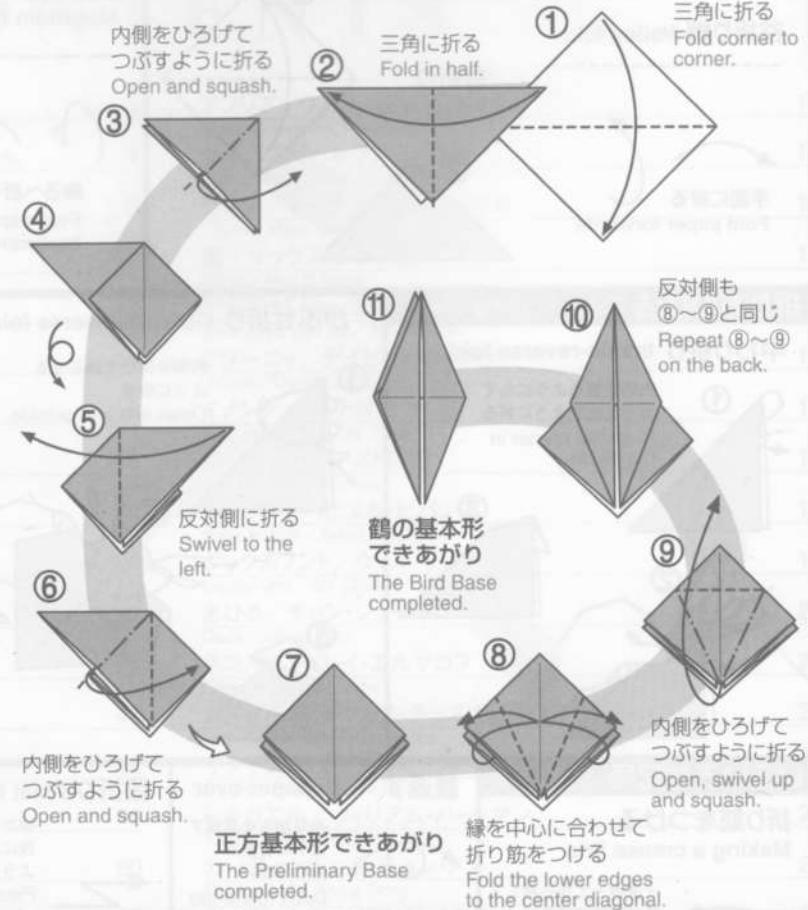
基本形／沈め折り Preliminary Bases and Sink

基本形 Preliminary bases

風船基本形 Water Bomb Base



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



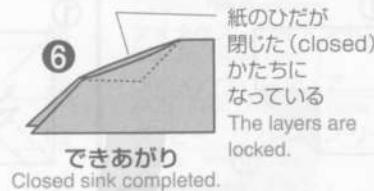
沈め折り Open sink / Closed sink



沈め折りをする部分にしっかりと折り筋をつける
Mark the crease line to use for sink.

Open sink
(オープン・シンク)

つけた折り筋を使って沈めるように折る
Push the arrowed corner inside ...



途中の図
紙の重なりを開かないまま押し込むように折る
without opening the corner.
Push in with layers overlapped to each other.

紙のひだが開いた(open)かたちになっている
The layers can be reopened.



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

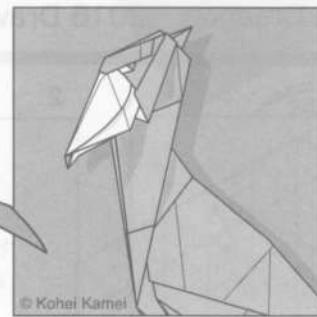
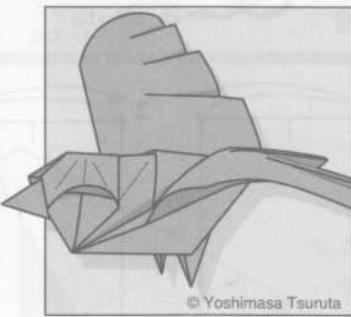


沈め折りをする部分にしっかりと折り筋をつける
Mark the crease line to use for sink.

つけた折り筋を使って沈めるように折る
Push in the corner.



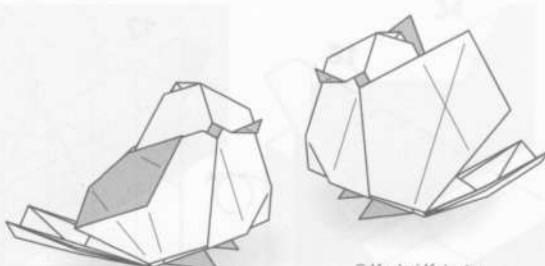
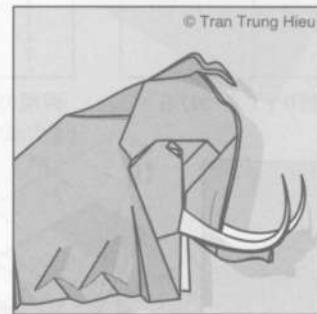
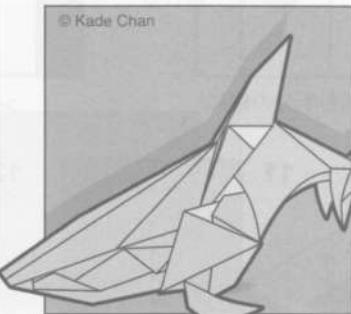
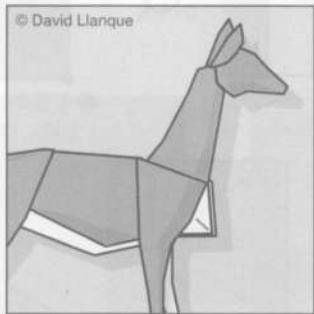
封面七言句



第23回折紙探偵団コンベンション折り図集 23rd Origami Tanteidan Convention Book

国内編／Models by Japanese Folders P.6

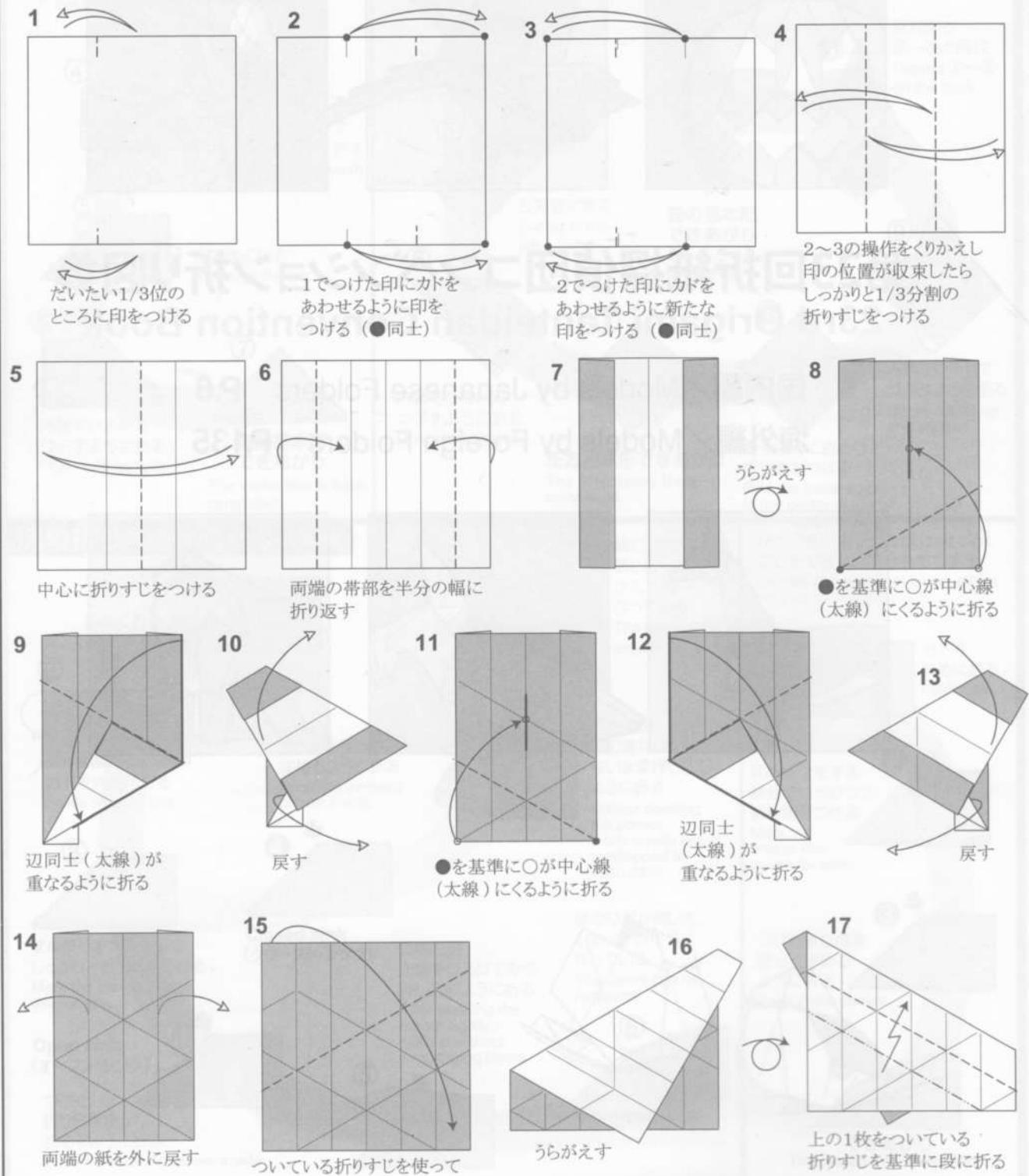
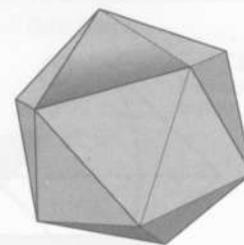
海外編／Models by Foreign Folders P.135

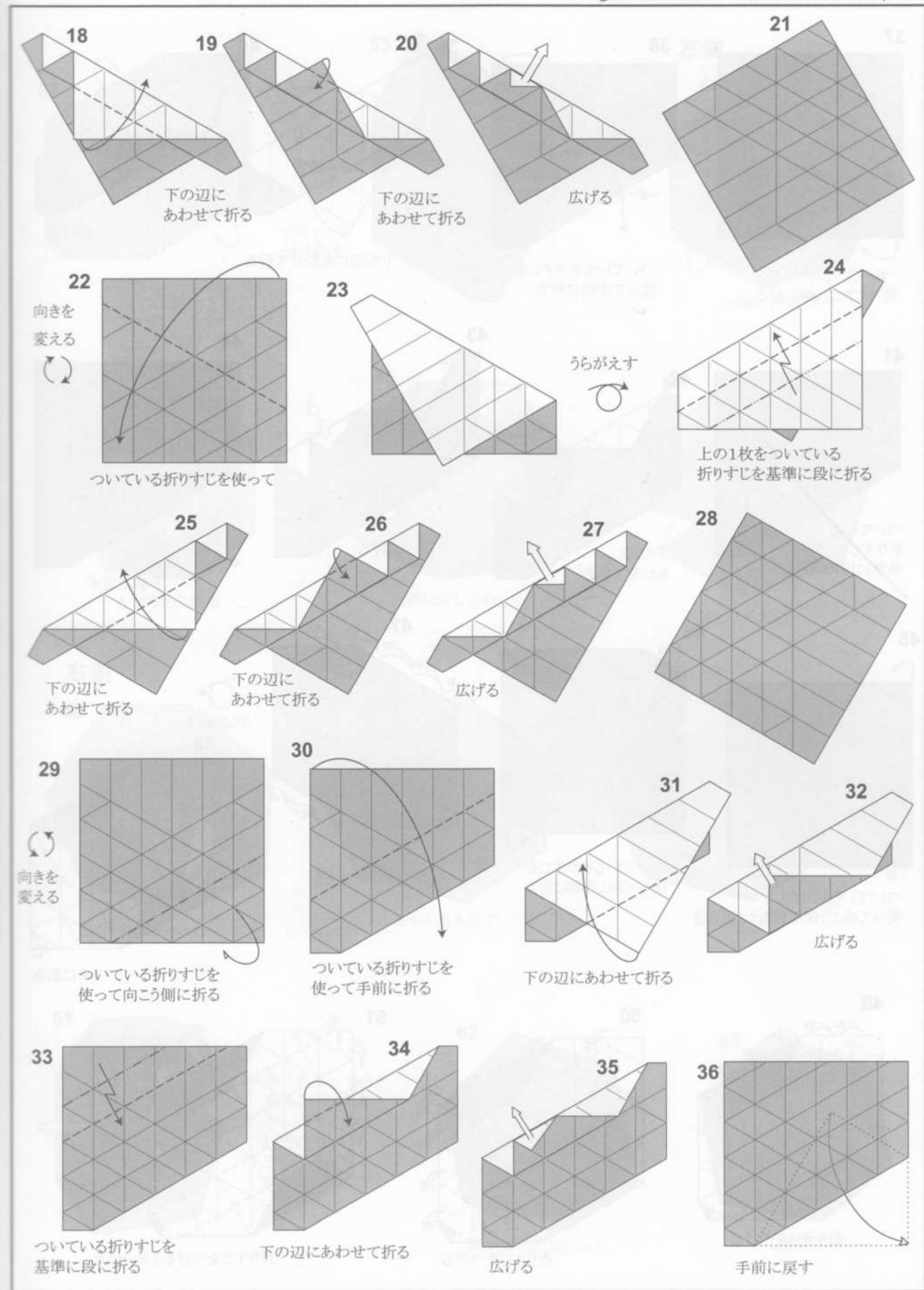


正二十面体

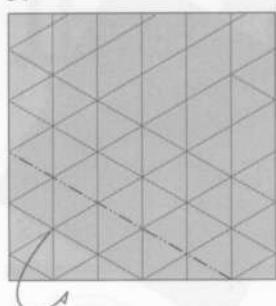
regular octahedron

川畠文昭 Fumiaki Kawahata
2016 Creation 2016 Drawing



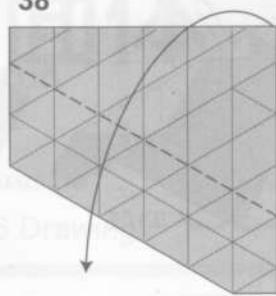


37



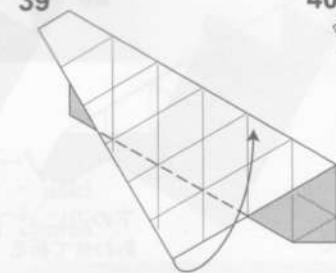
ついている折りすじを使って向こう側に折る

38



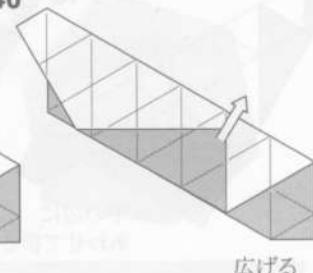
ついている折りすじを使って手前に折る

39



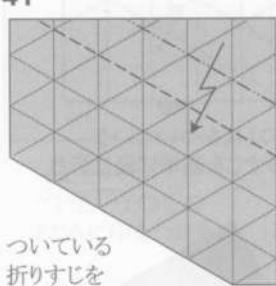
下の辺にあわせて折る

40



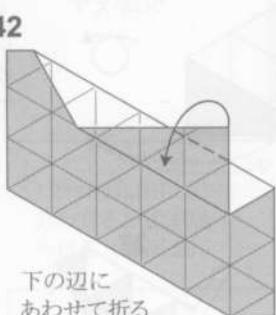
広げる

41



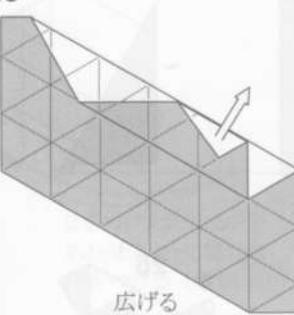
ついている
折りすじを
基準に段に折る

42



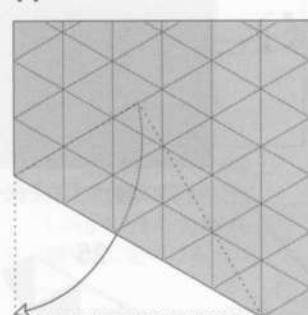
下の辺に
あわせて折る

43



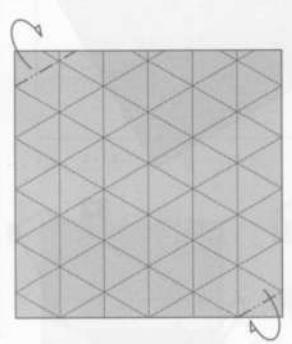
広げる

44



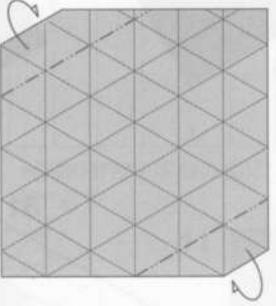
手前に戻す

45



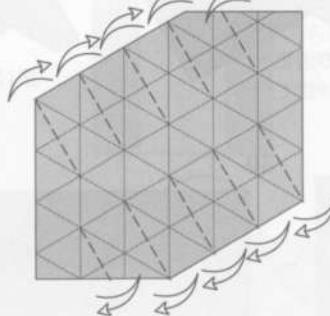
ついている折りすじを
使って向こう側に折る

46



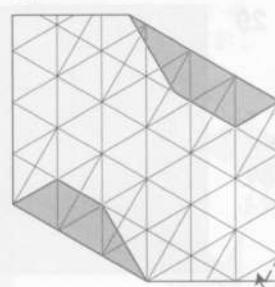
ついている折りすじを
使って向こう側に折る

47



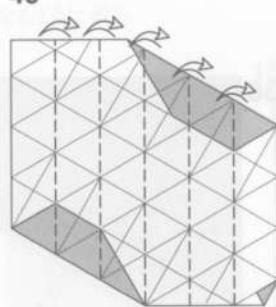
折りすじをつける

48



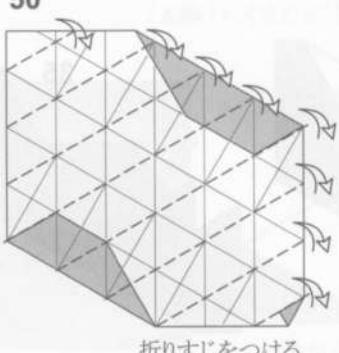
三角に折る

49



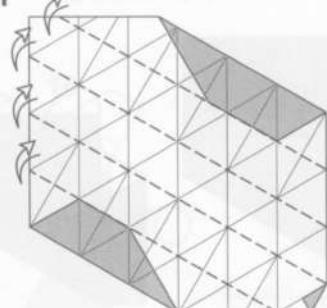
折りすじをつける

50



折りすじをつける

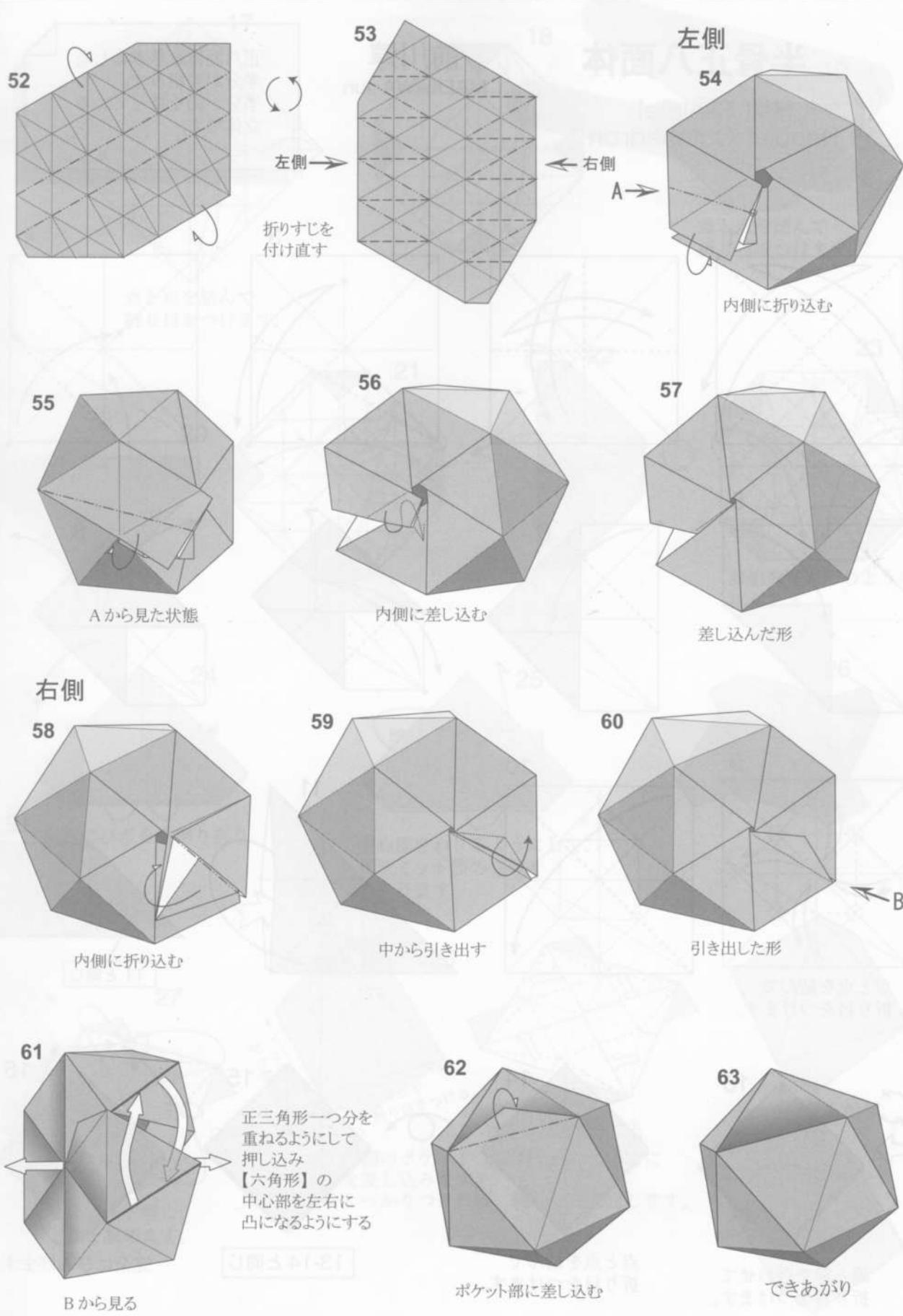
51



折りすじをつける



うらがえす

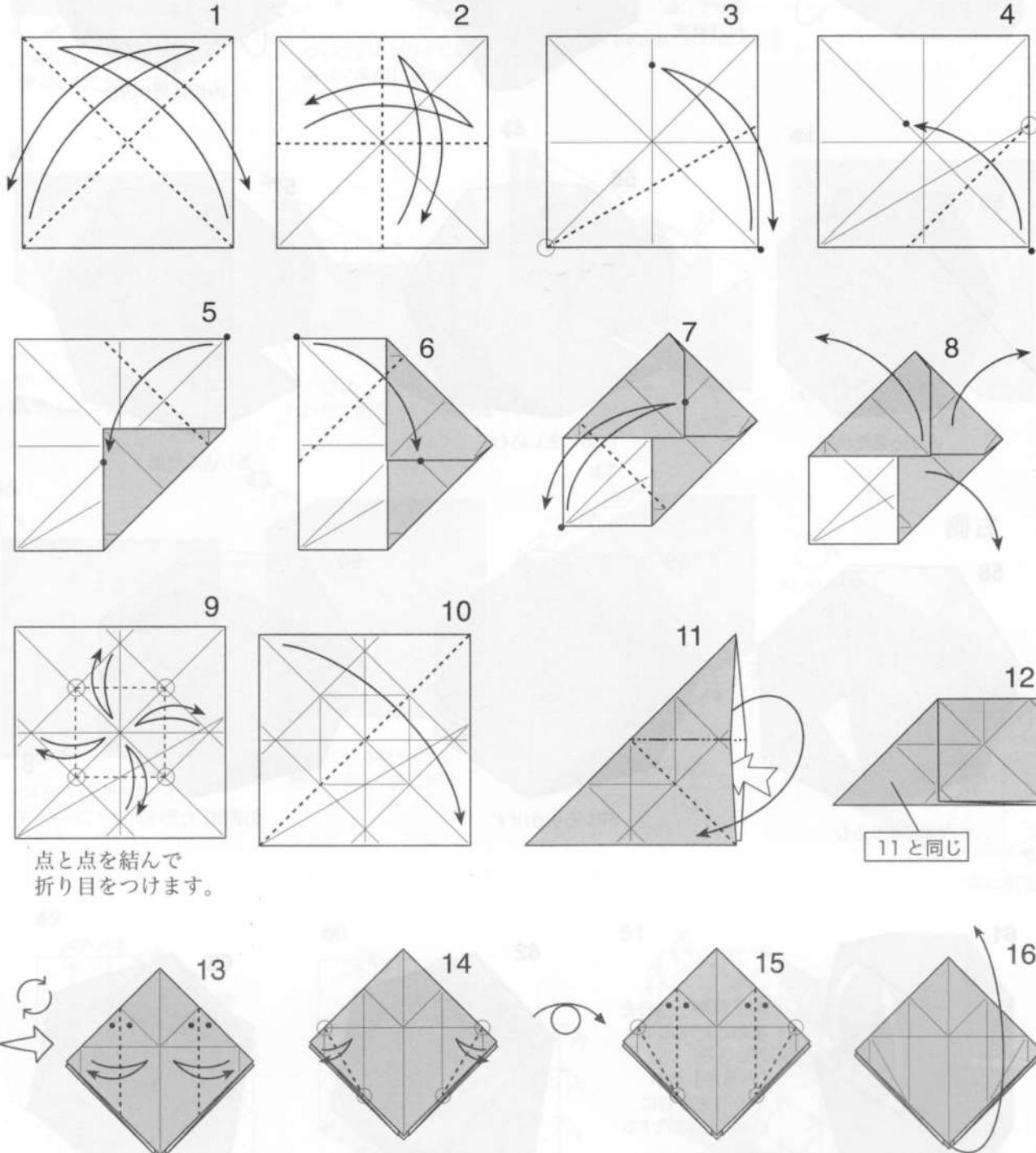


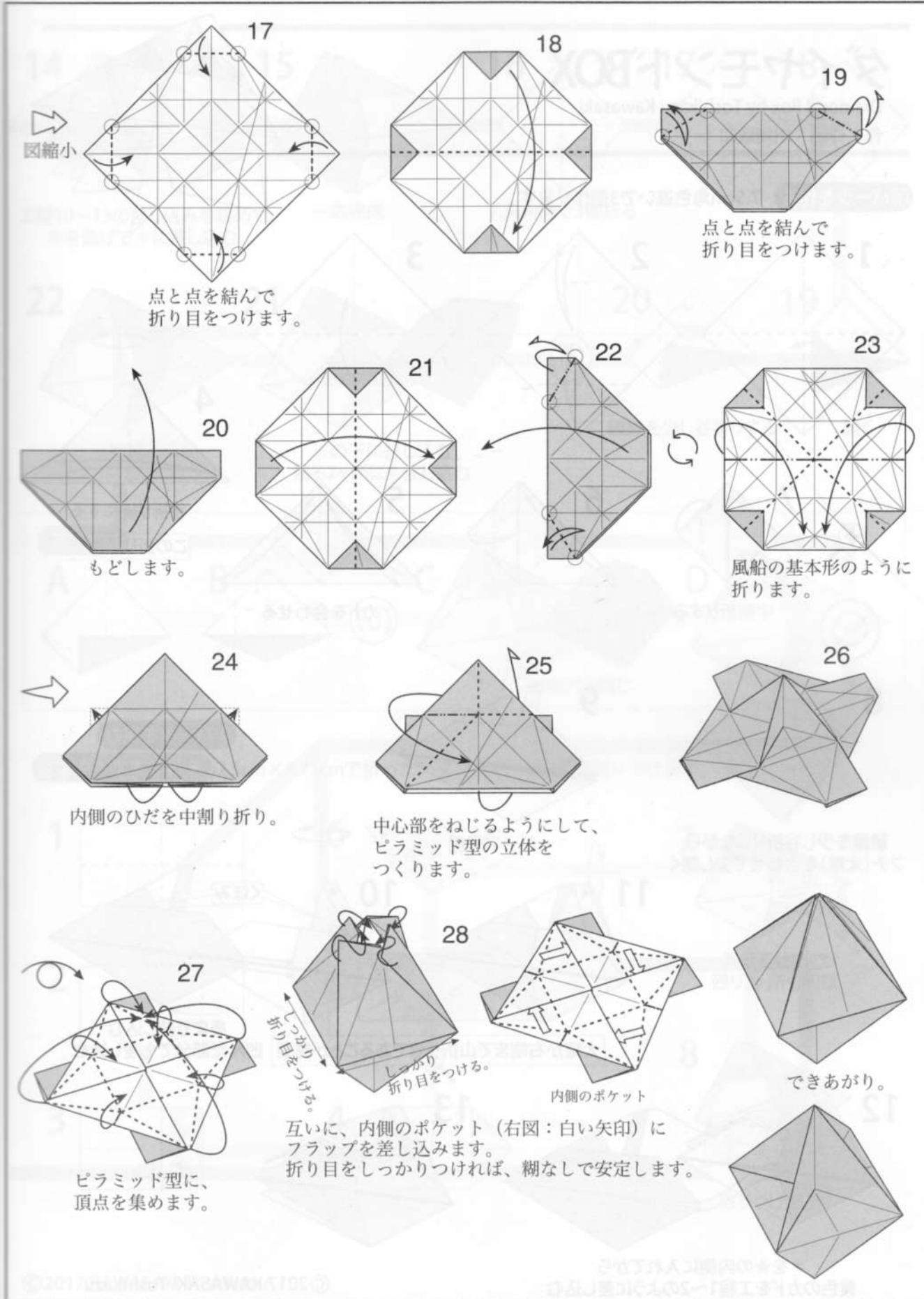
半骨正八面体

Half Skeletal
Regular Octahedron

前川淳
MAEKAWA Jun

正八面体を基本にした、
半分が骨組みで、
半分が面を持っている
立体です。

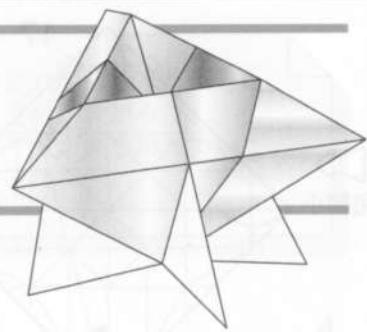




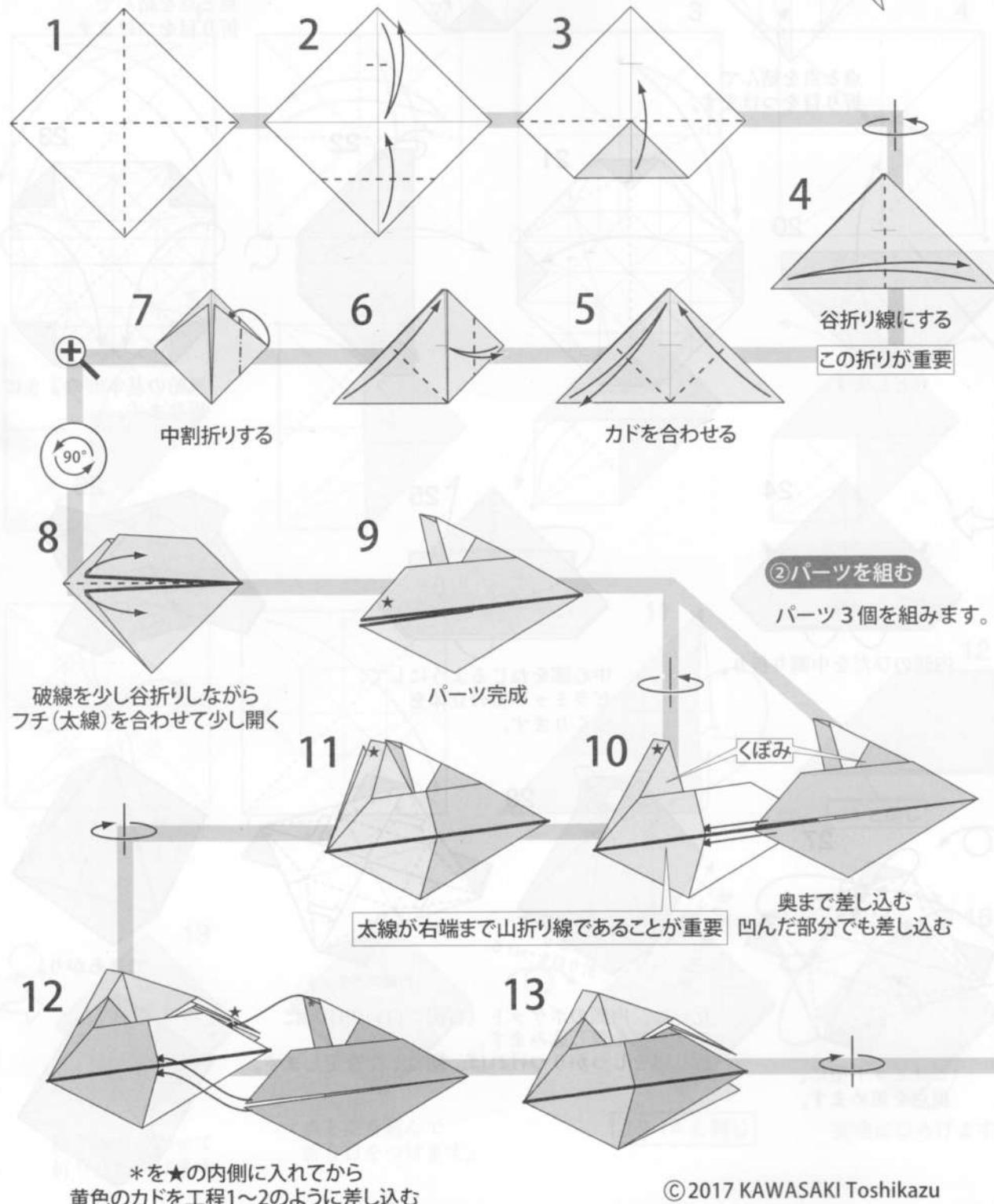
ダイヤモンドBOX

Diamond Box by Toshikazu Kawasaki

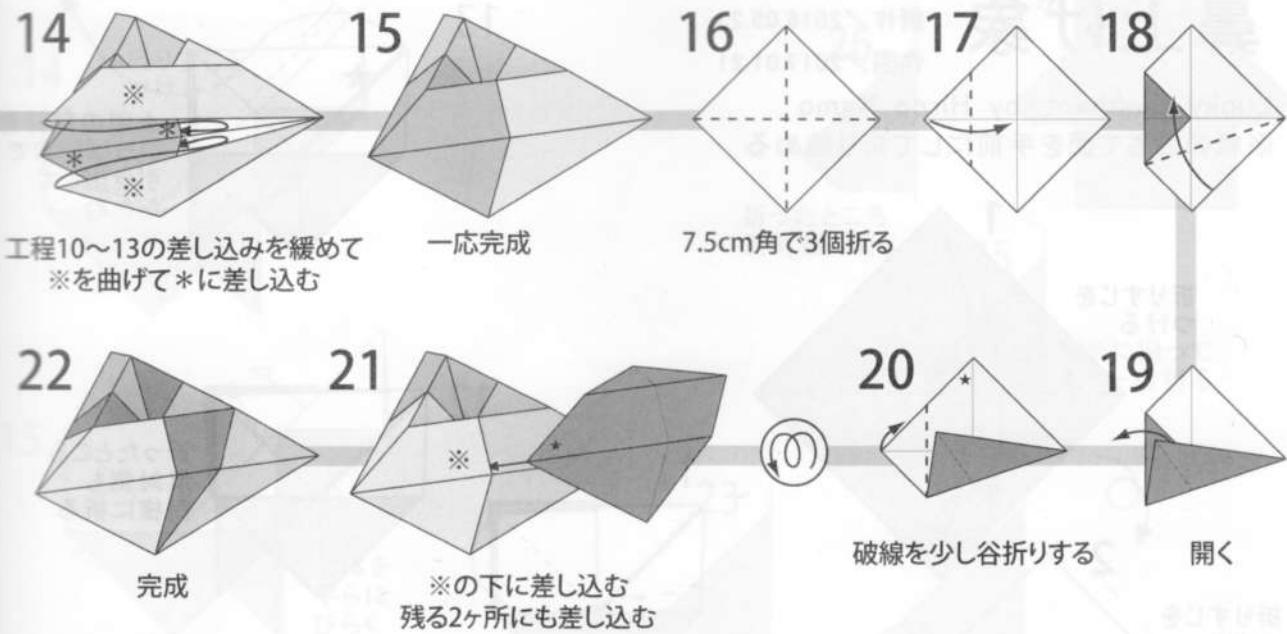
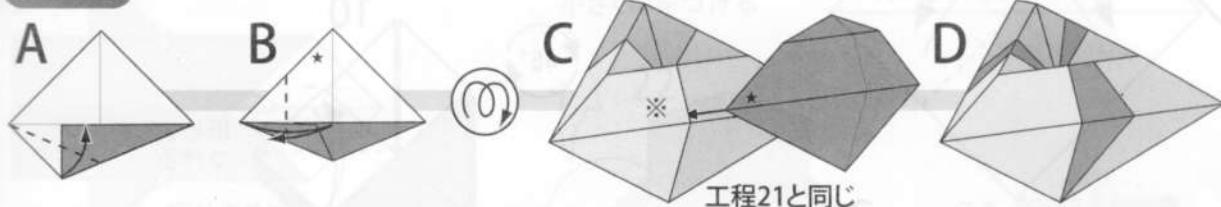
作・作図 川崎敏和



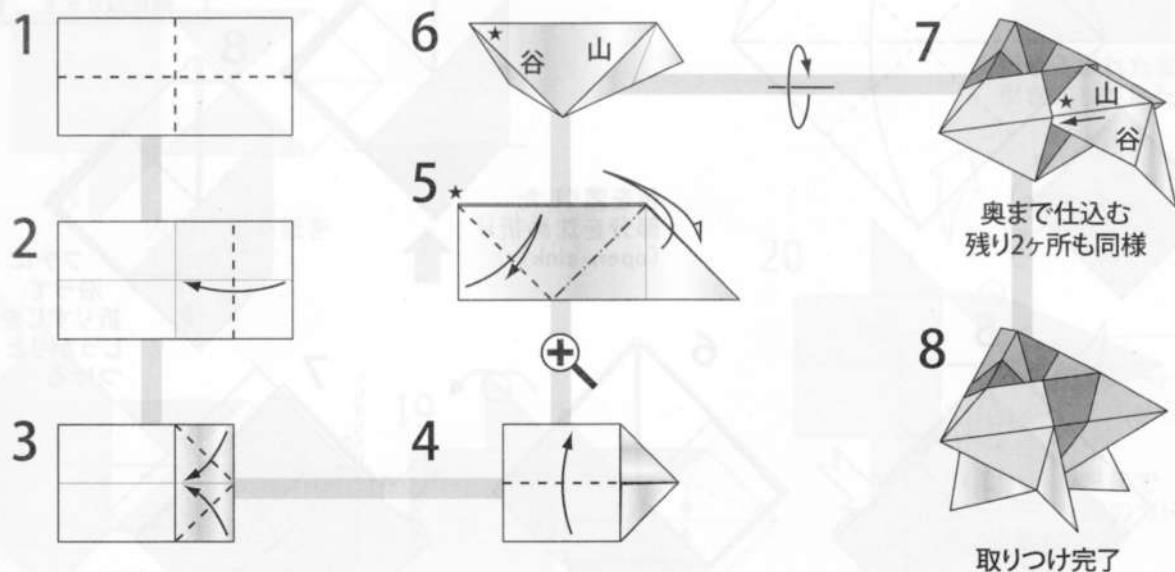
①パートを作る 7.5cm角で3個作ります。



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**アレンジ**

③スタンドをつける 7.5cm×3.75cmで折ったスタンドパーツ3個を取りつけます。



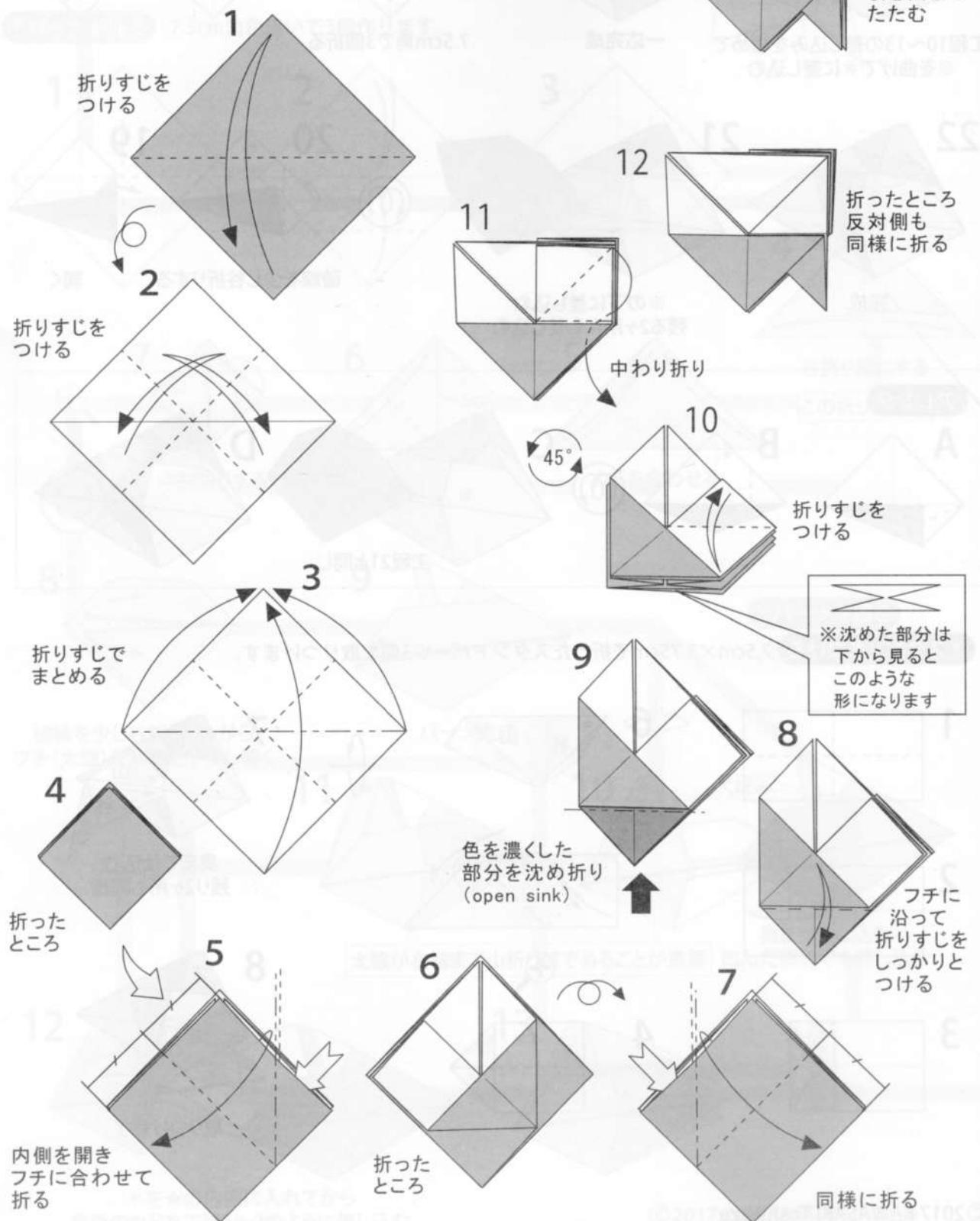
作・図 加茂弘郎

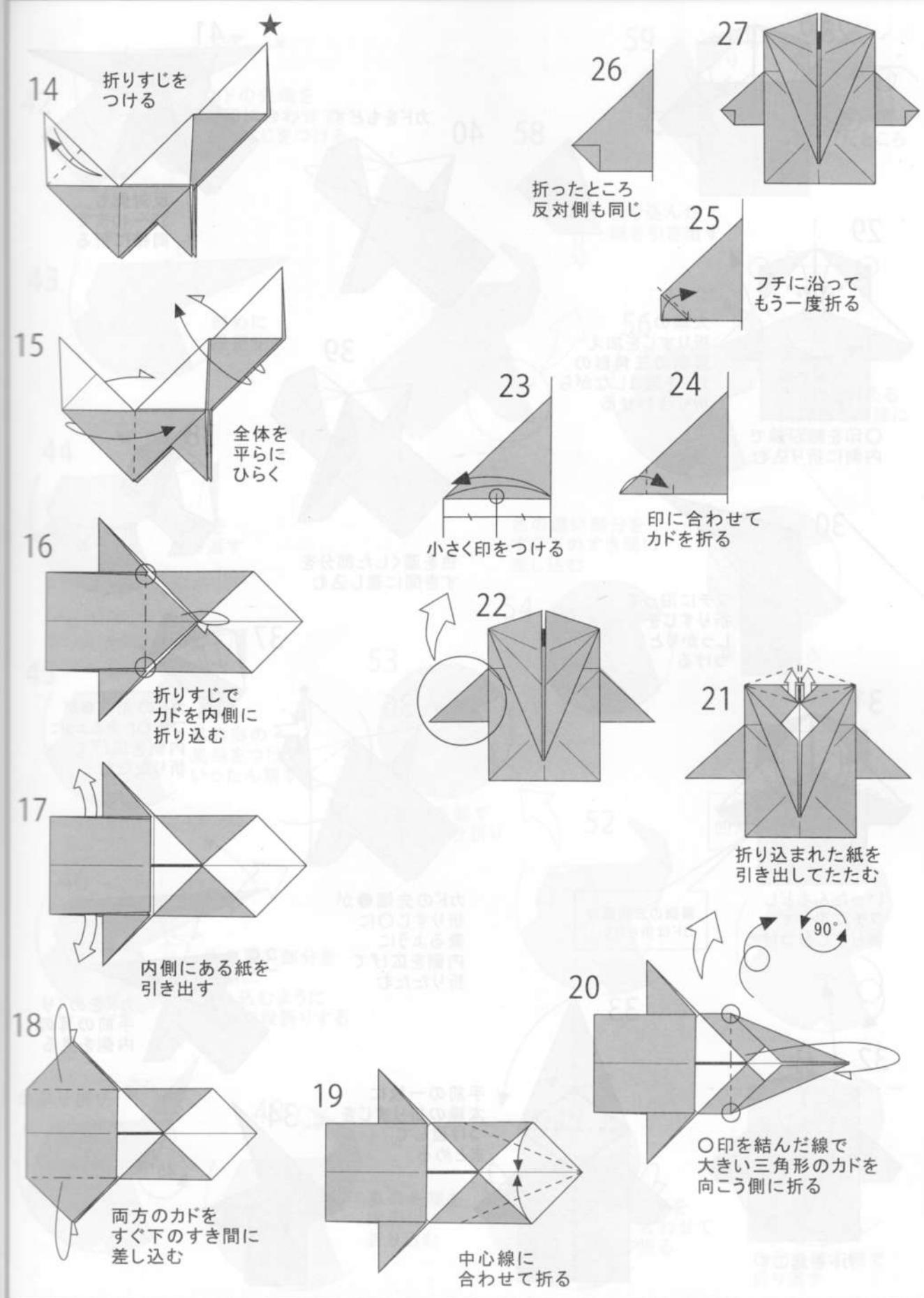
創作 / 2016.05.23

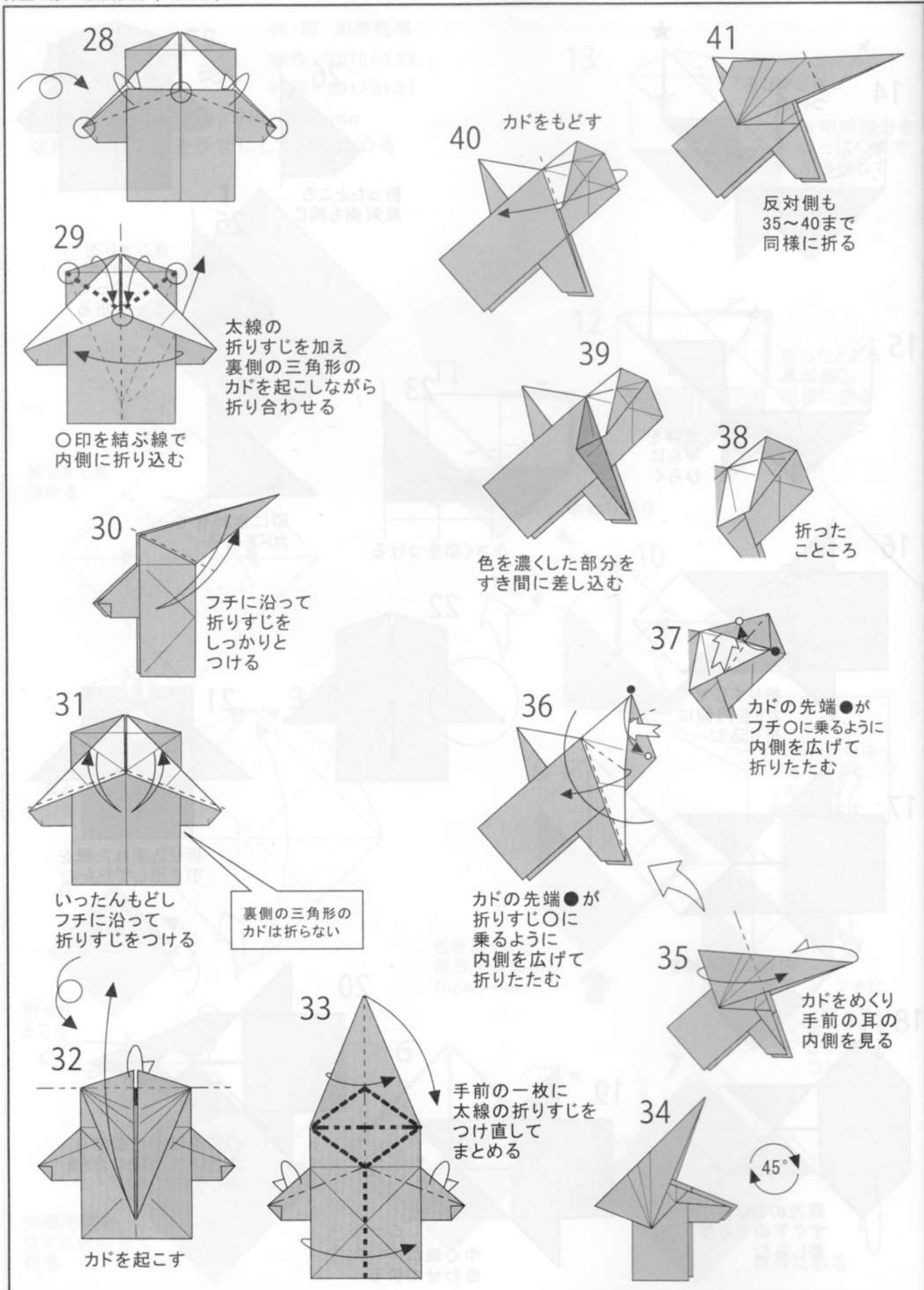
作図 / 2017.01.21

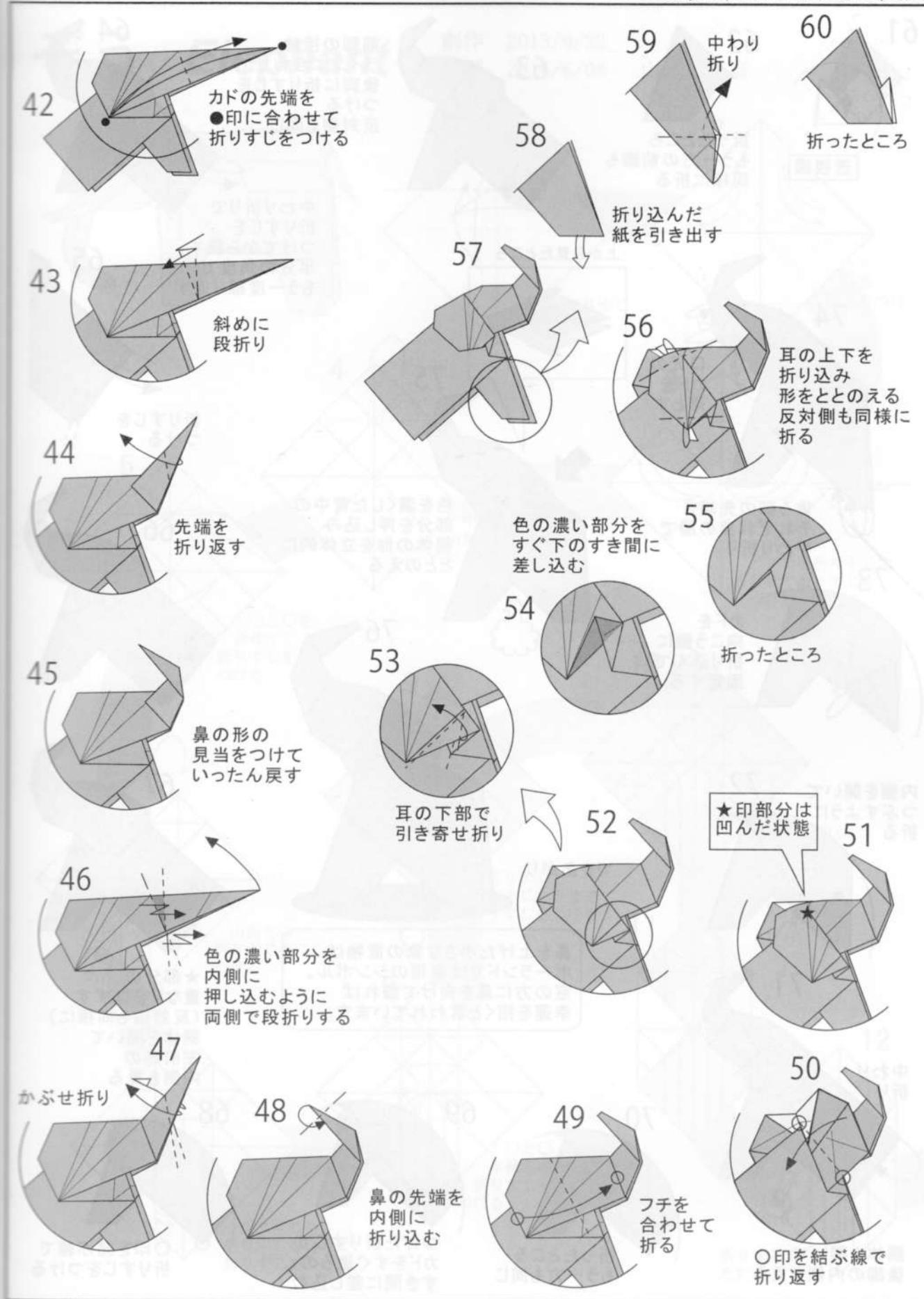
鼻上げ象

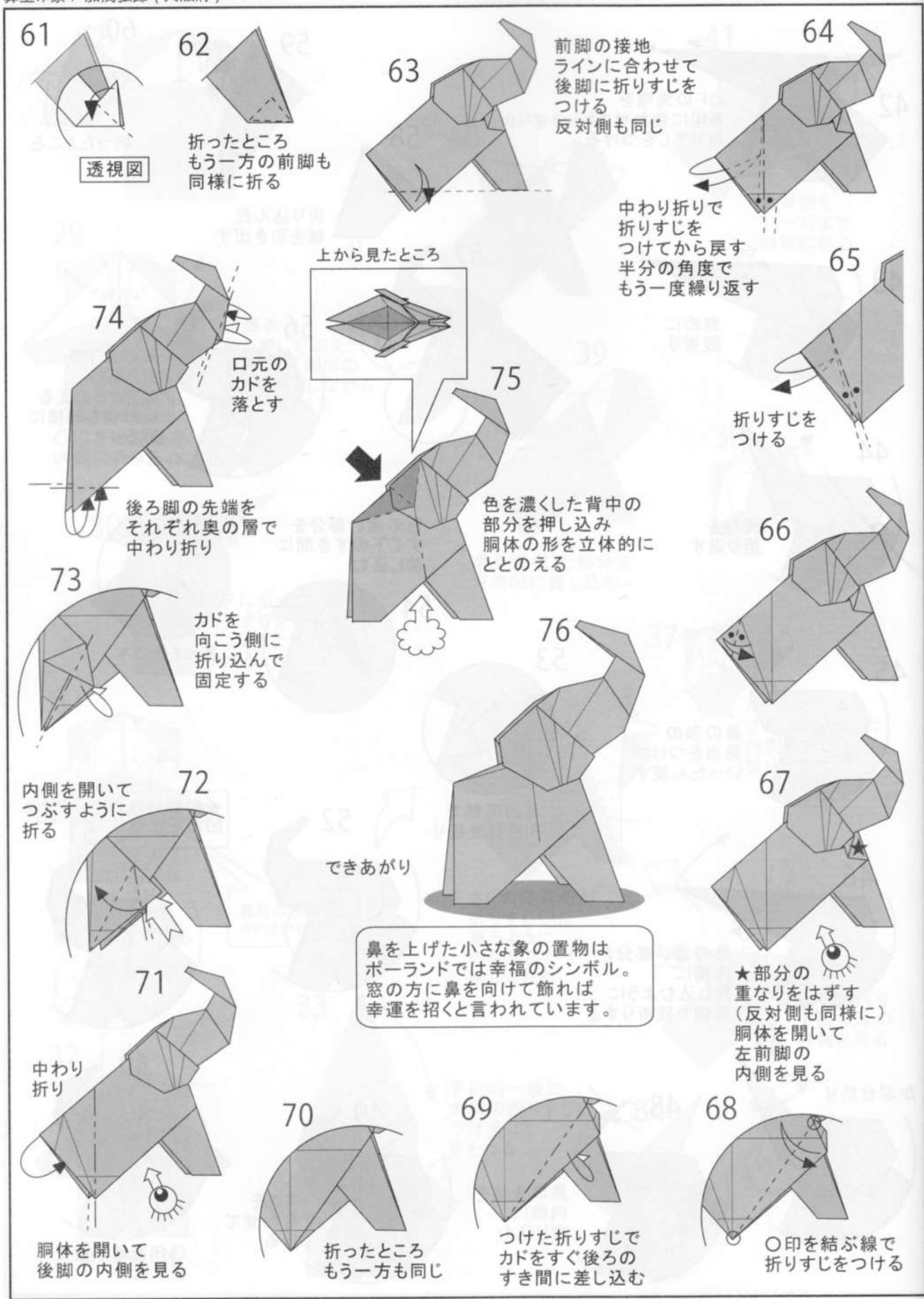
Lucky Elephant by Hiroo Kamo
※紙のおもて面を手前にして折り始める









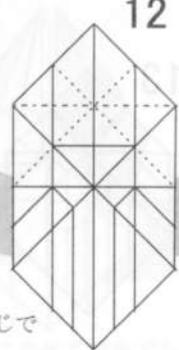
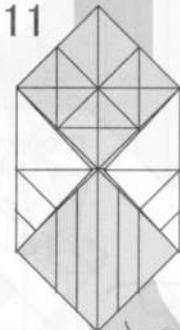
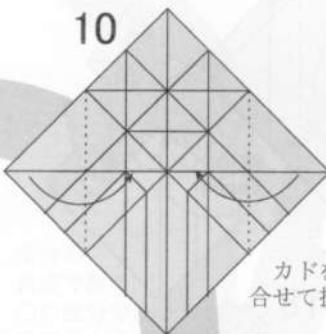
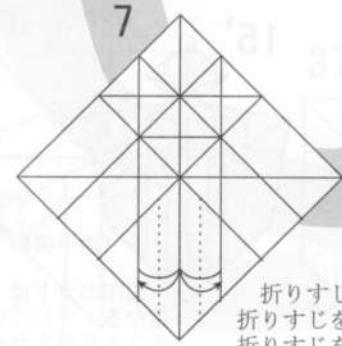
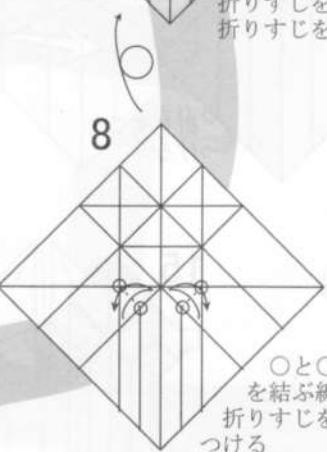
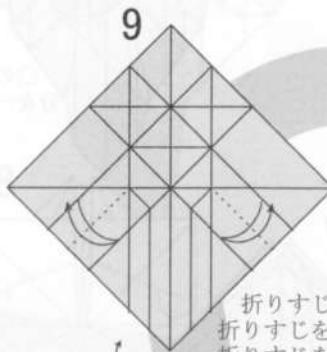
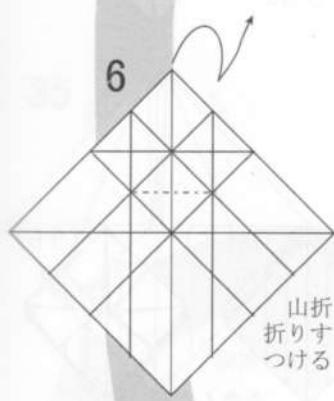
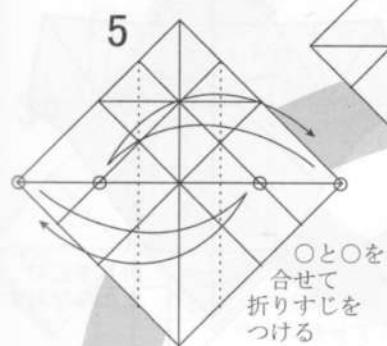
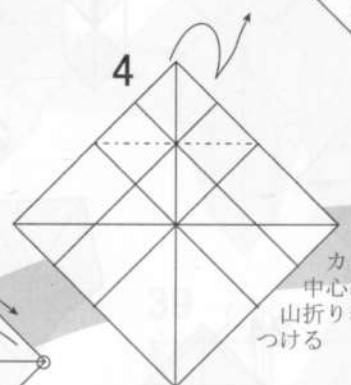
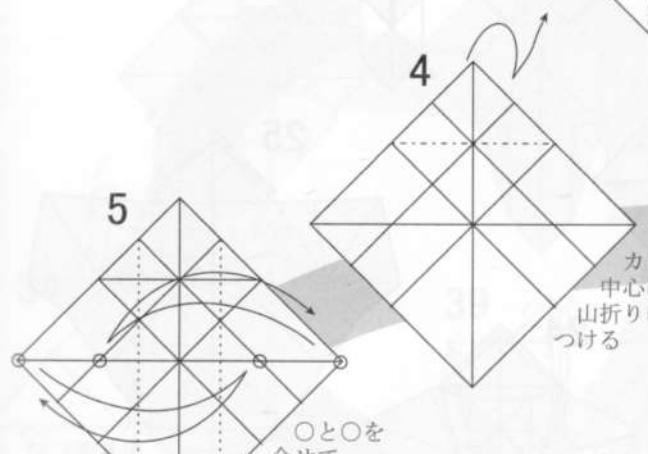
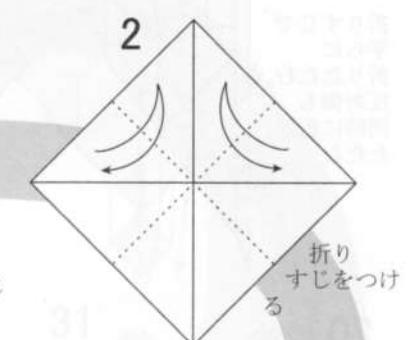
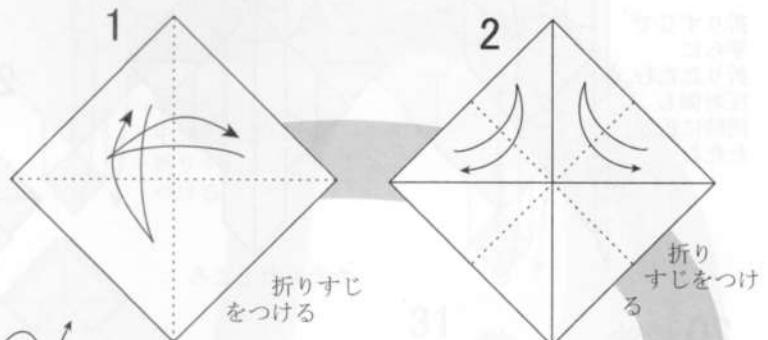
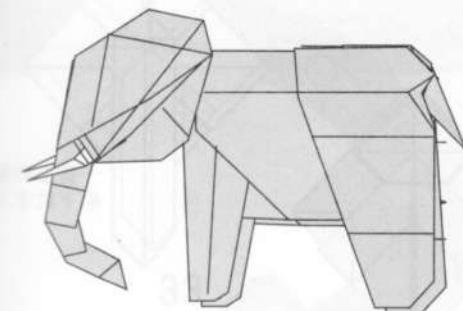


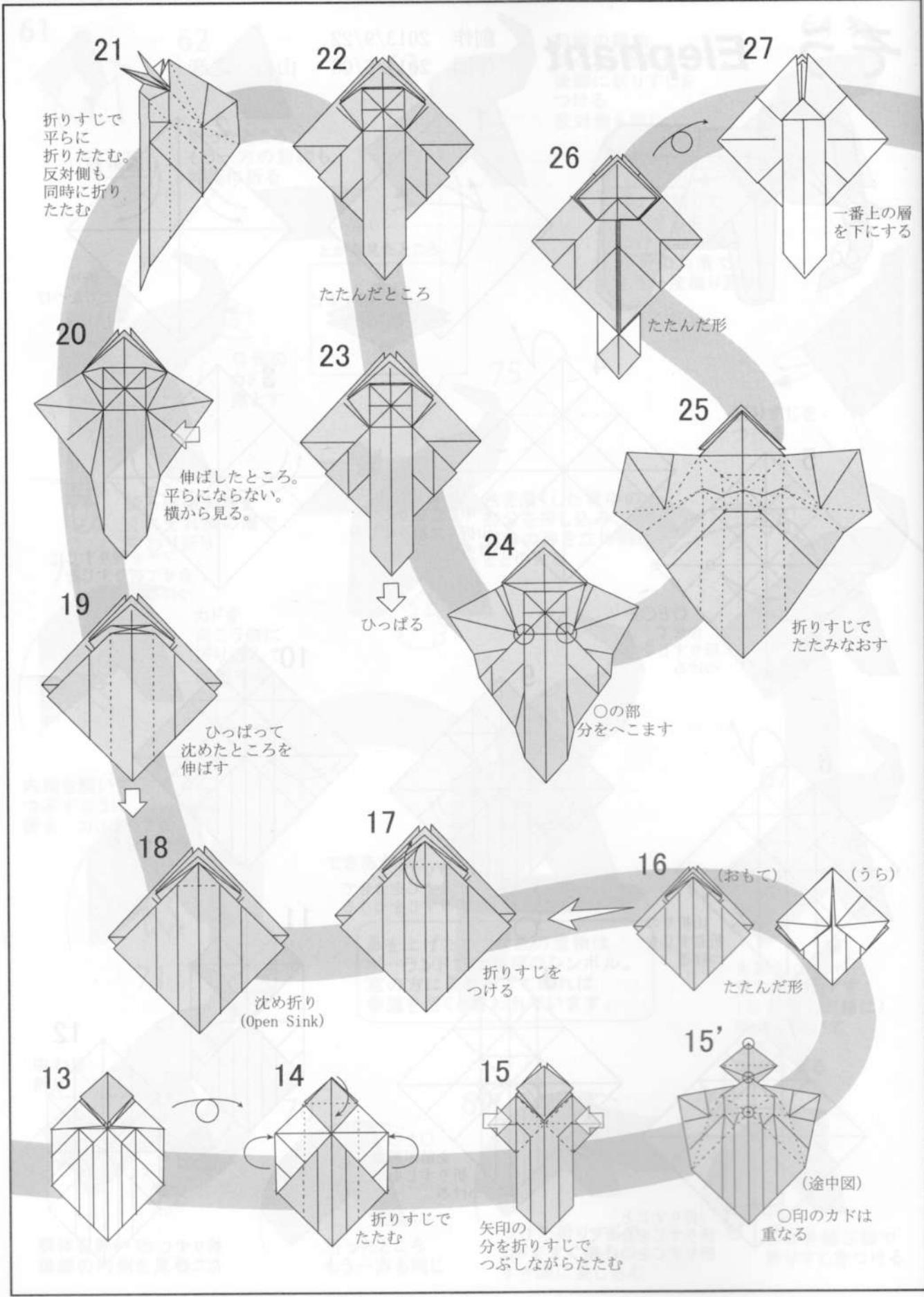
ぞう Elephant

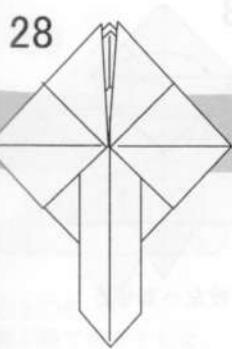
創作 2013/9/22

作図 2014/6/08

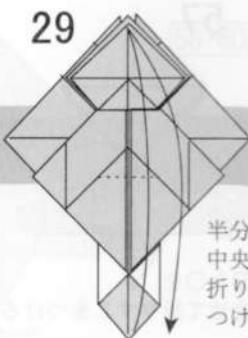
山口 之彦







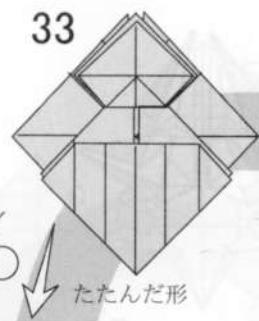
28



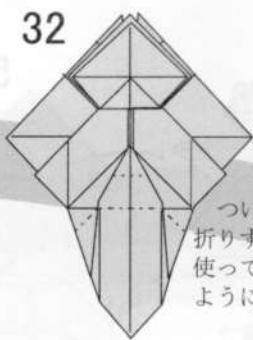
29



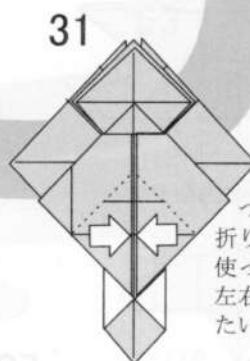
30



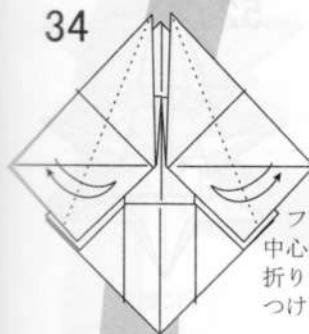
33



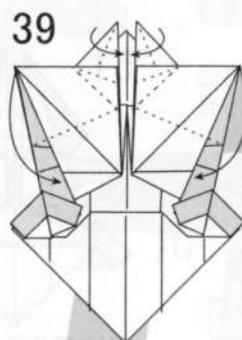
32



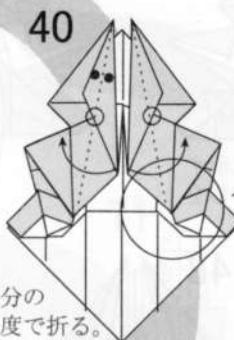
31



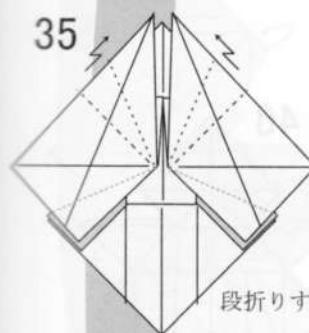
34



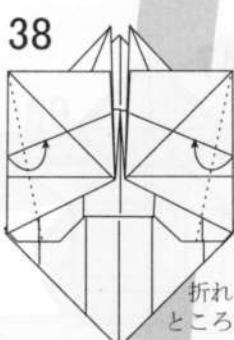
39



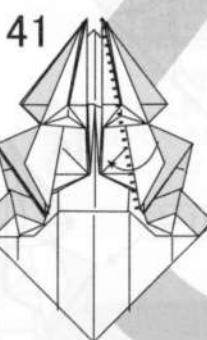
40



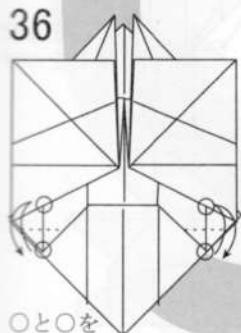
35



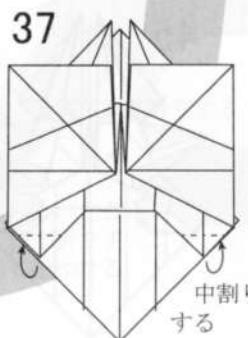
38



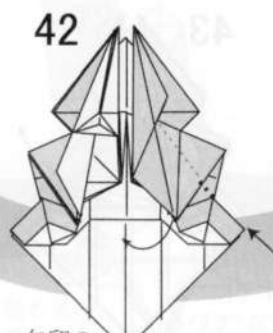
41



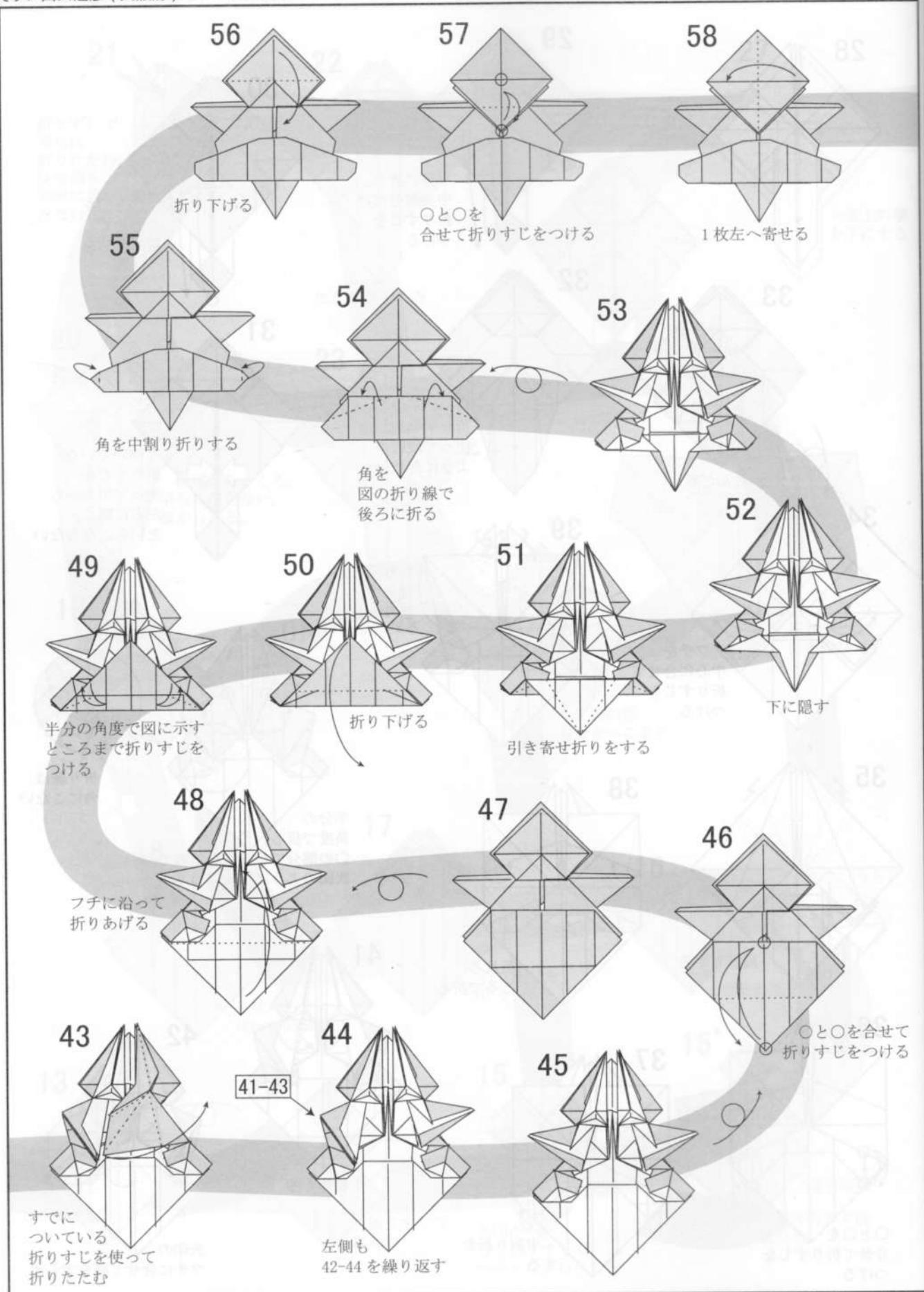
36

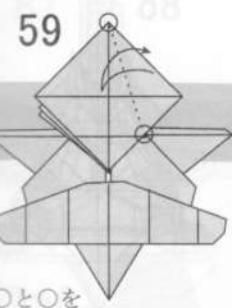


37

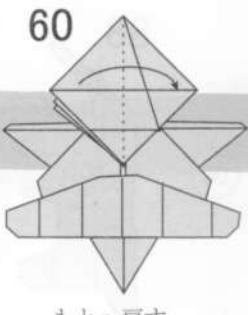


42

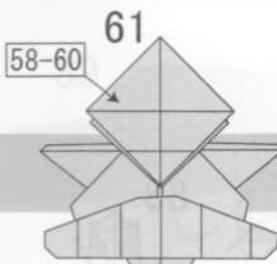




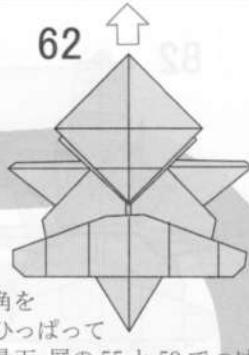
○と○を
結ぶ線で折りすじを
つける



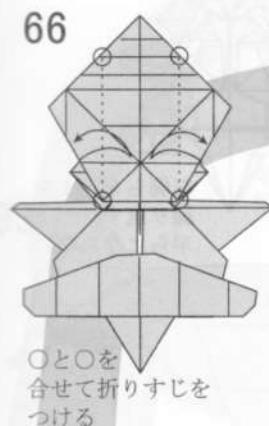
もとへ戻す



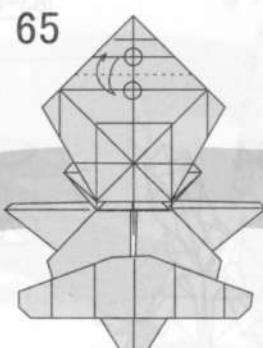
左側も
58-60 を繰り返す



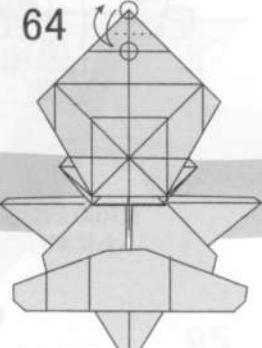
角を
ひっぱって
最下層の 55 と 59 でつけた
折りすじで折りたたむ



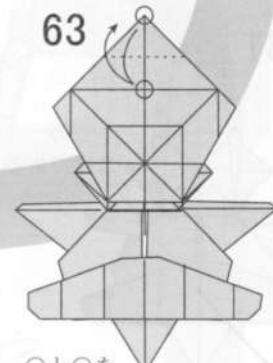
○と○を
合せて折りすじを
つける



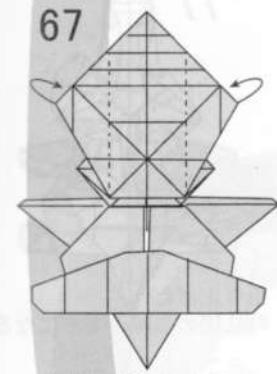
○と○を
合せて折りすじを
つける



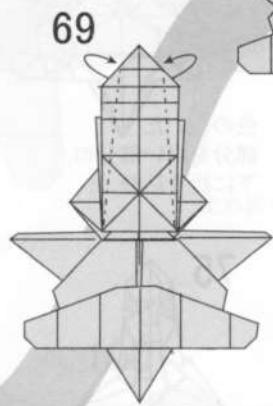
○と○を
合せて折りすじを
つける



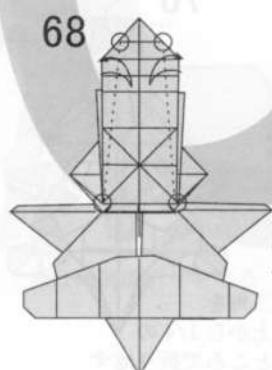
○と○を
合せて折りすじを
つける



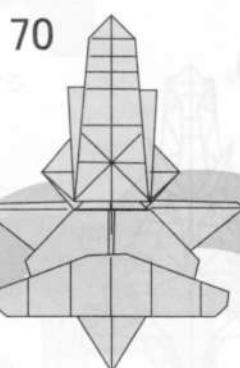
中割り折りをする



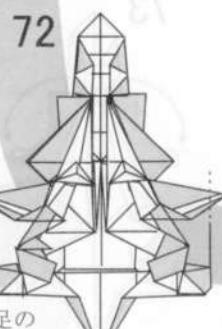
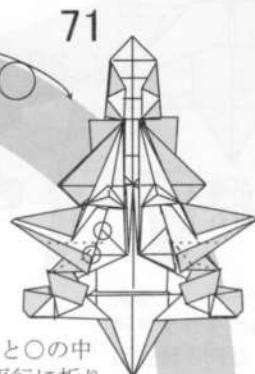
中割り折りする



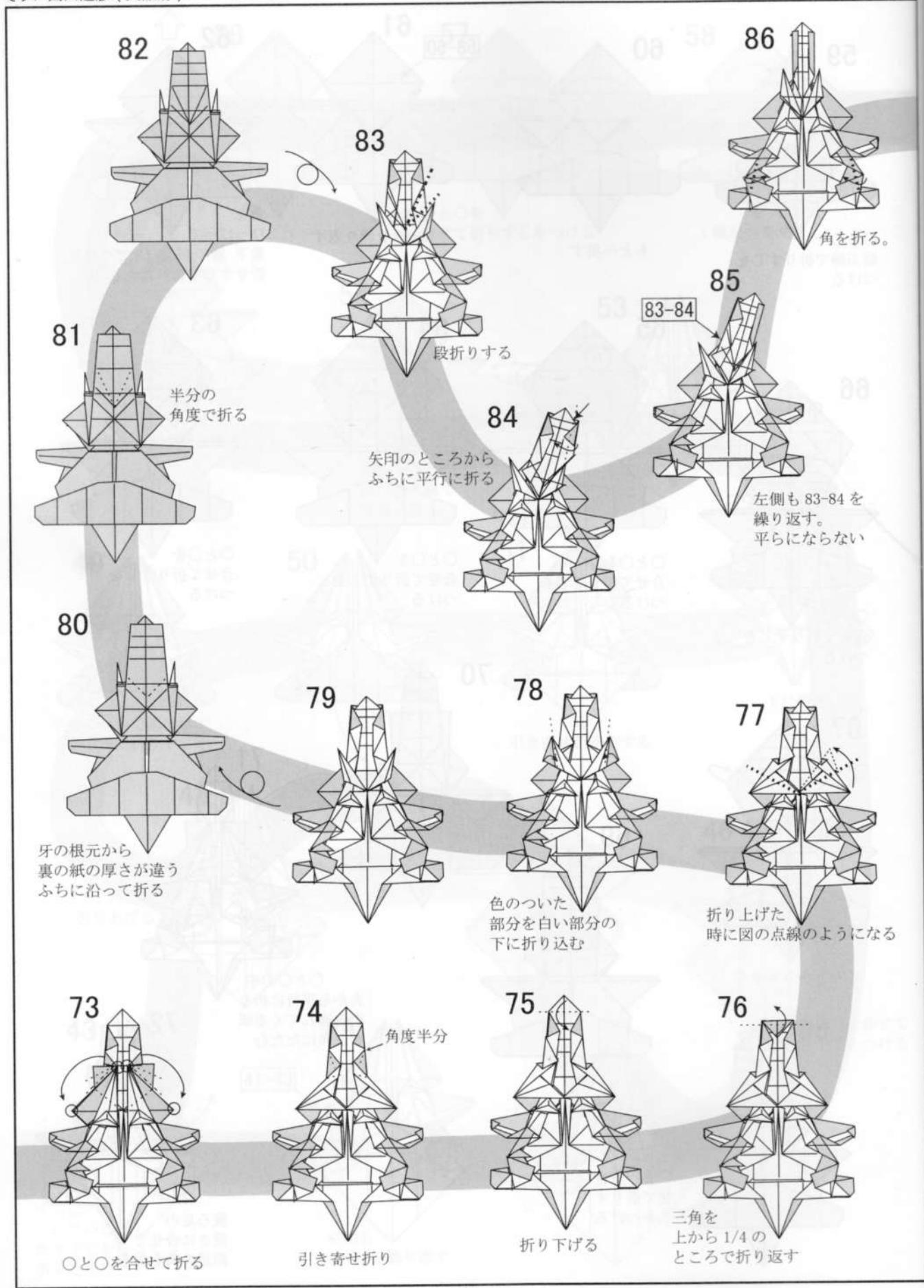
○と○を合
せて折りす
じをつける

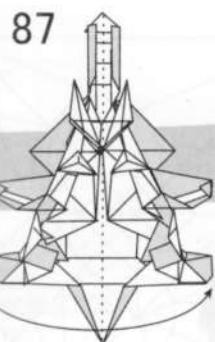


○と○の中
央から平行に折り
引き連れてくる紙
を三角にたたむ



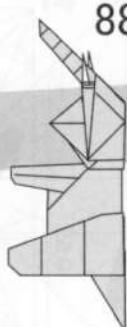
後ろ足の
長さに合せて
前足の角を折る





87

半分に折る。



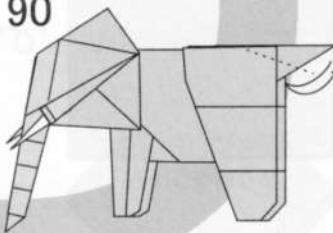
88



89

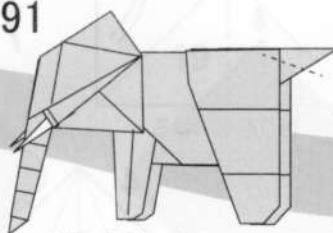
aの角をbのふちに
重なるように折る

90



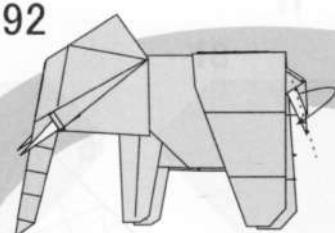
尾の部分のみ
折りすじをつける

91



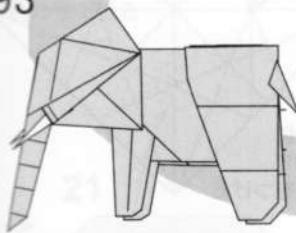
尾の部分のみ
中割り折りする

92



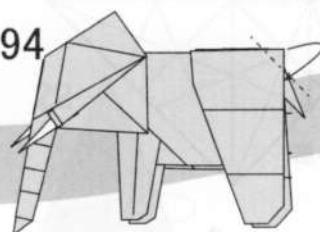
尾を細く折る
反対側も同じ

93



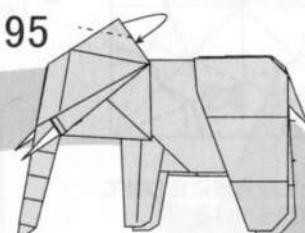
尾を足の後ろに隠す

94



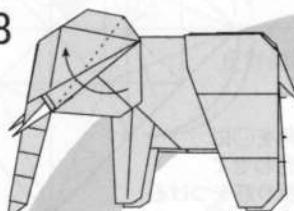
角を中割り折りする

95



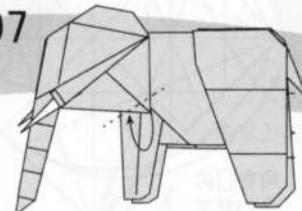
角を中割り折りする

98



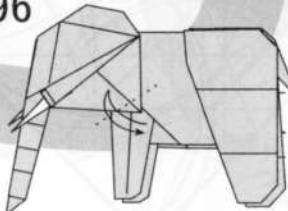
耳を立てる。
耳の後のふちはおる

97



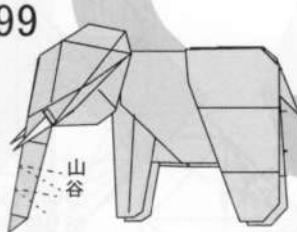
沈め折り (open sink)

96

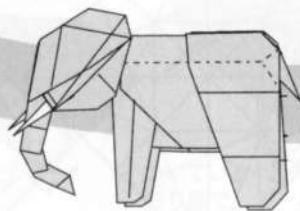


角を少し折って
折りすじをつける。
反対側も同じ

99

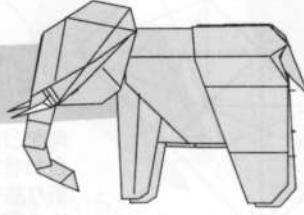
山
谷
鼻は両側段折りをする

100



牙を段折で前に向ける

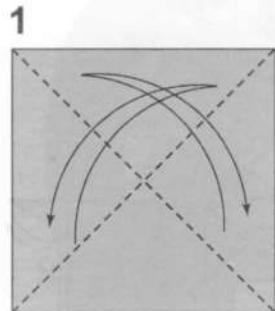
101



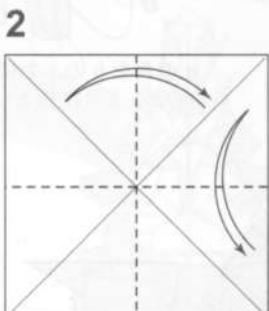
できあがり

キリン(giraffe)

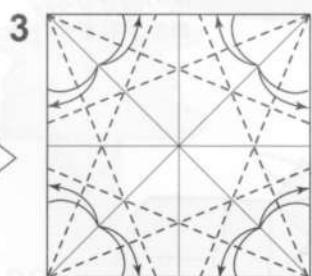
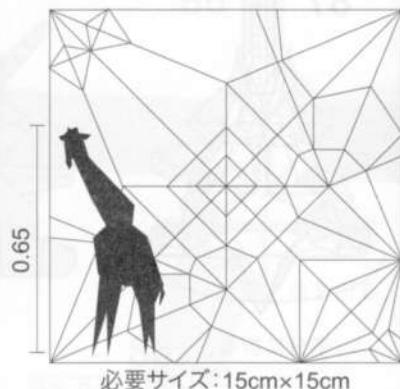
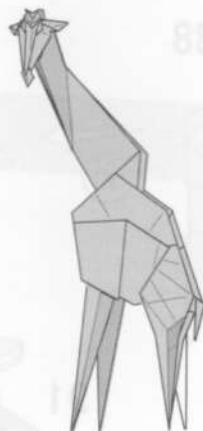
酒井 英司 創作:2015/10
作図:2017/4



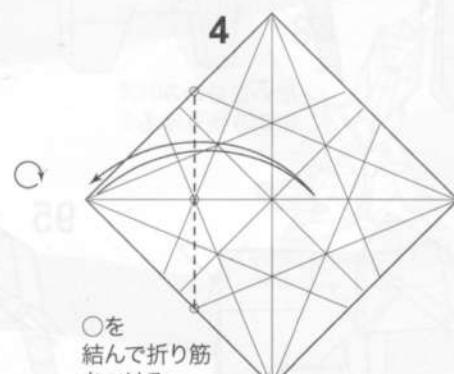
折り筋をつける



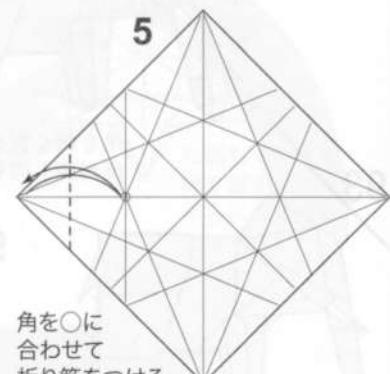
折り筋をつける



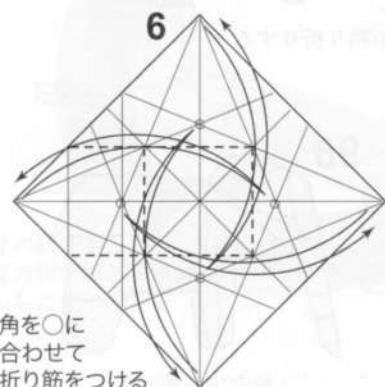
フチを対角線に合わせて
折り筋をつける



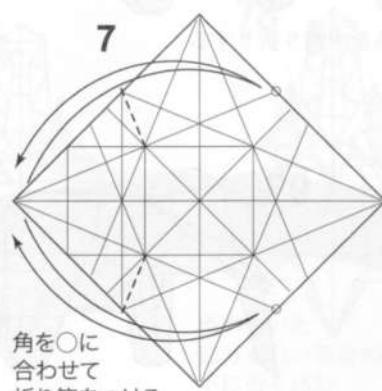
○を
結んで折り筋
をつける



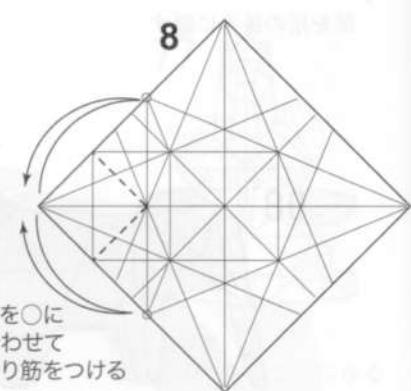
角を○に
合わせて
折り筋をつける



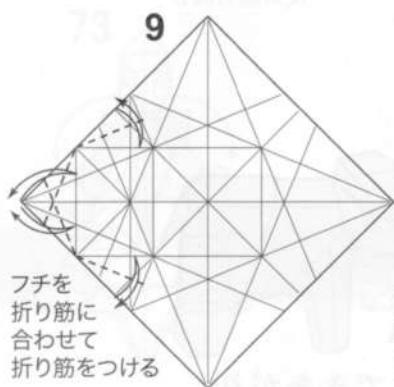
角を○に
合わせて
折り筋をつける



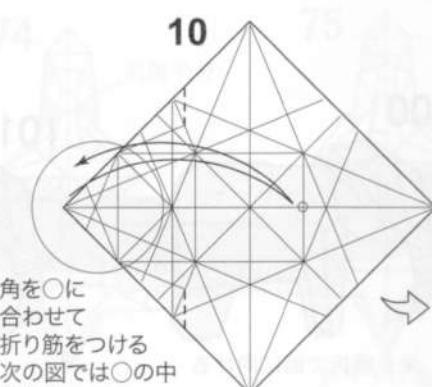
角を○に
合わせて
折り筋をつける



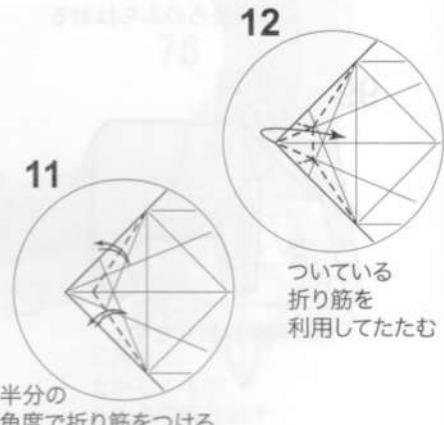
角を○に
合わせて
折り筋をつける



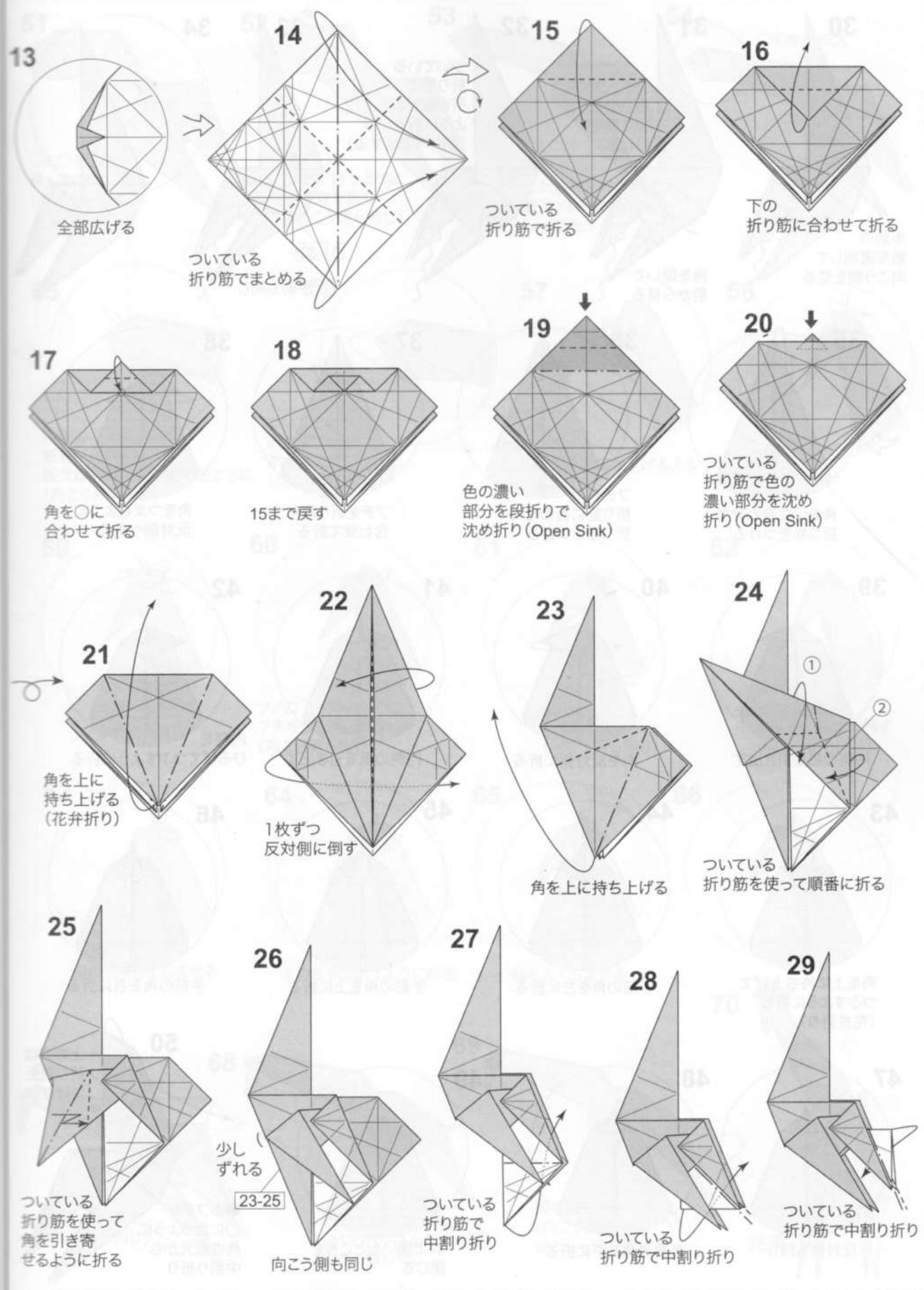
フチを
折り筋に
合わせて
折り筋をつける

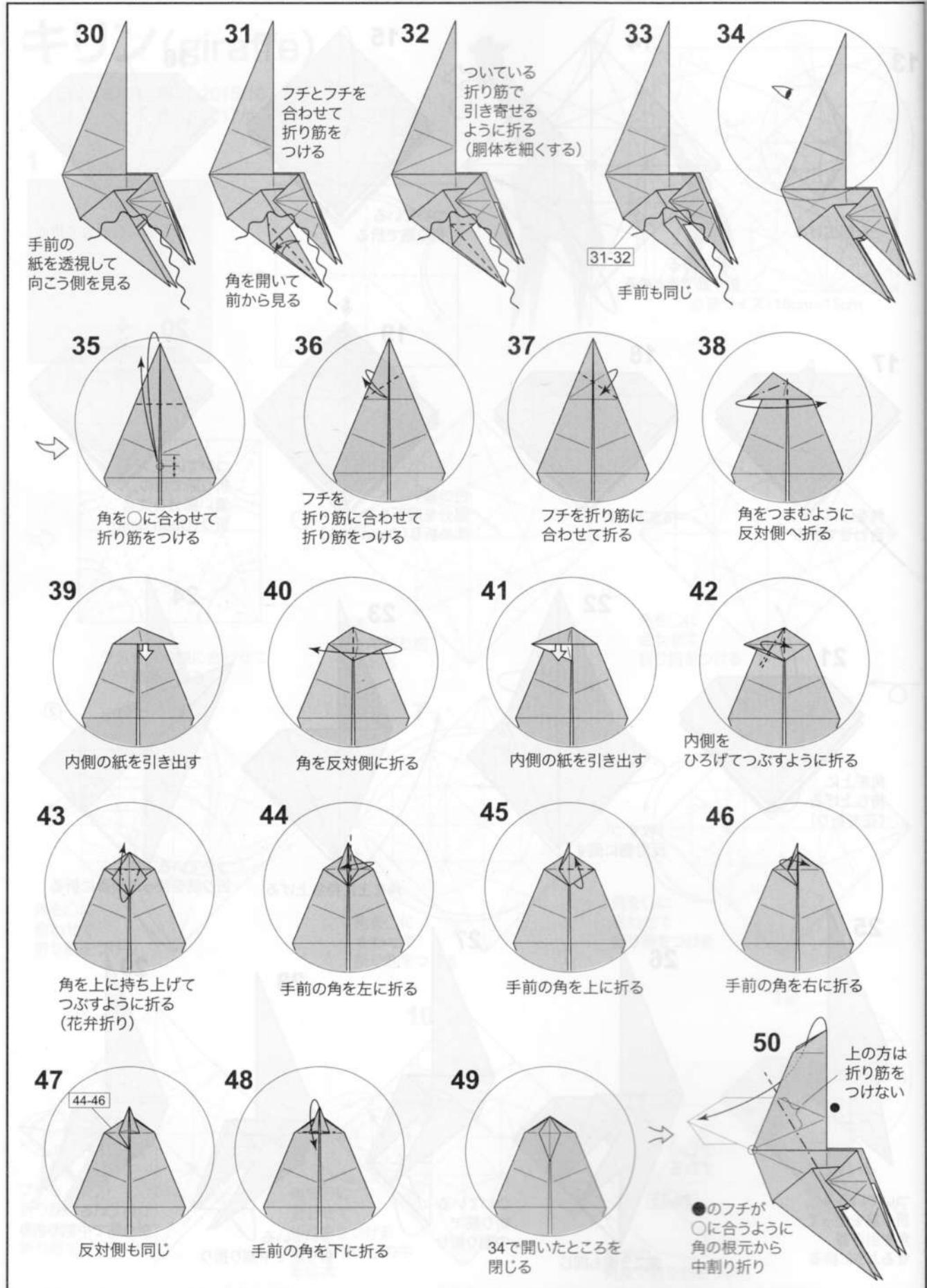


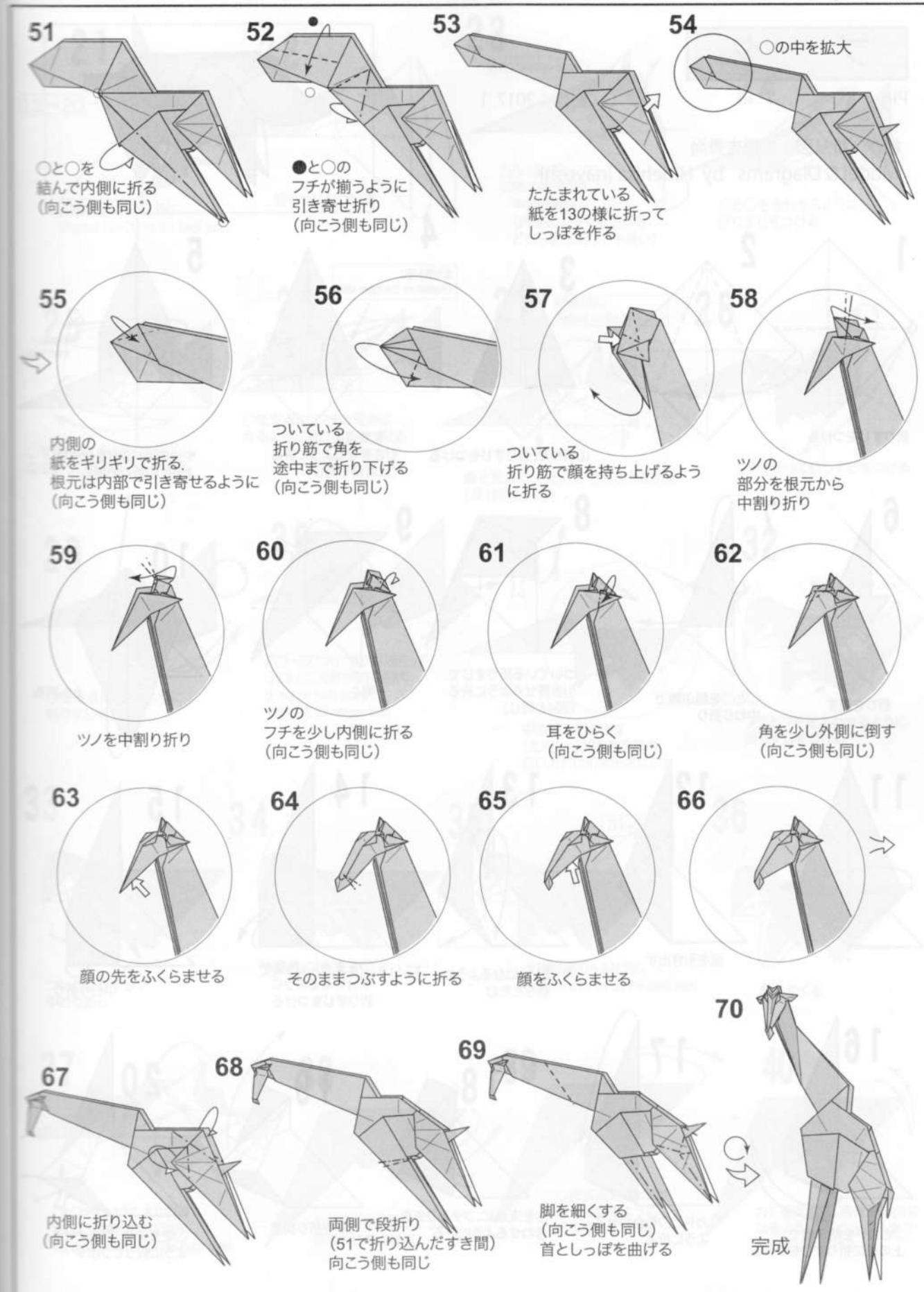
角を○に
合わせて
折り筋をつける
次の図では○の中
を拡大



ついている
折り筋を
利用してたたむ
半分の
角度で折り筋をつける







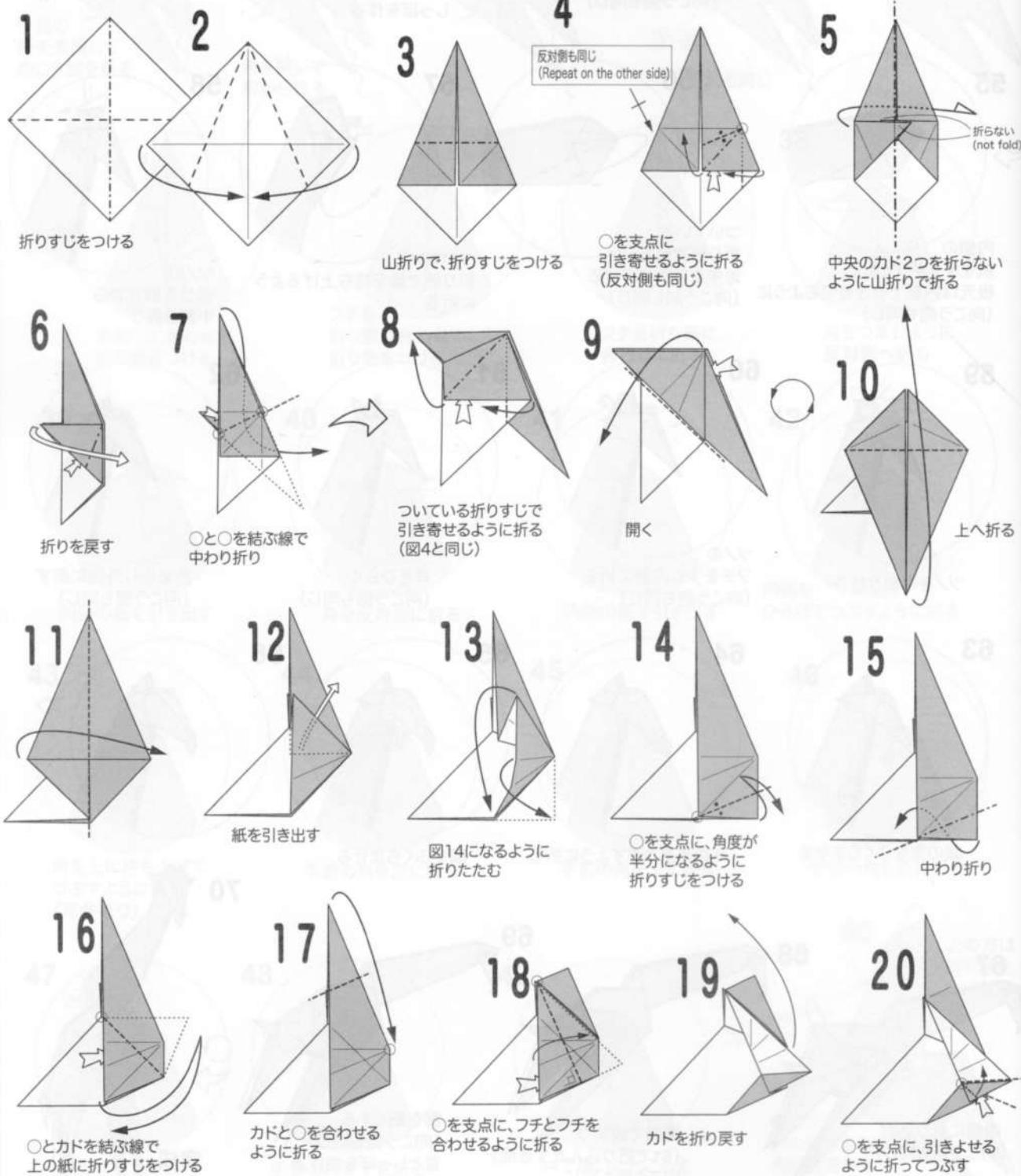
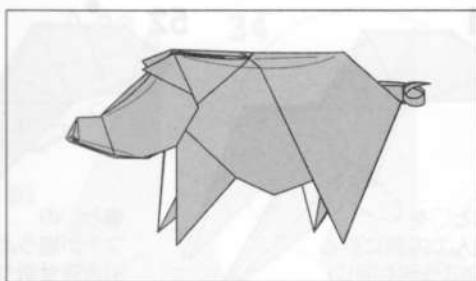
ブタ

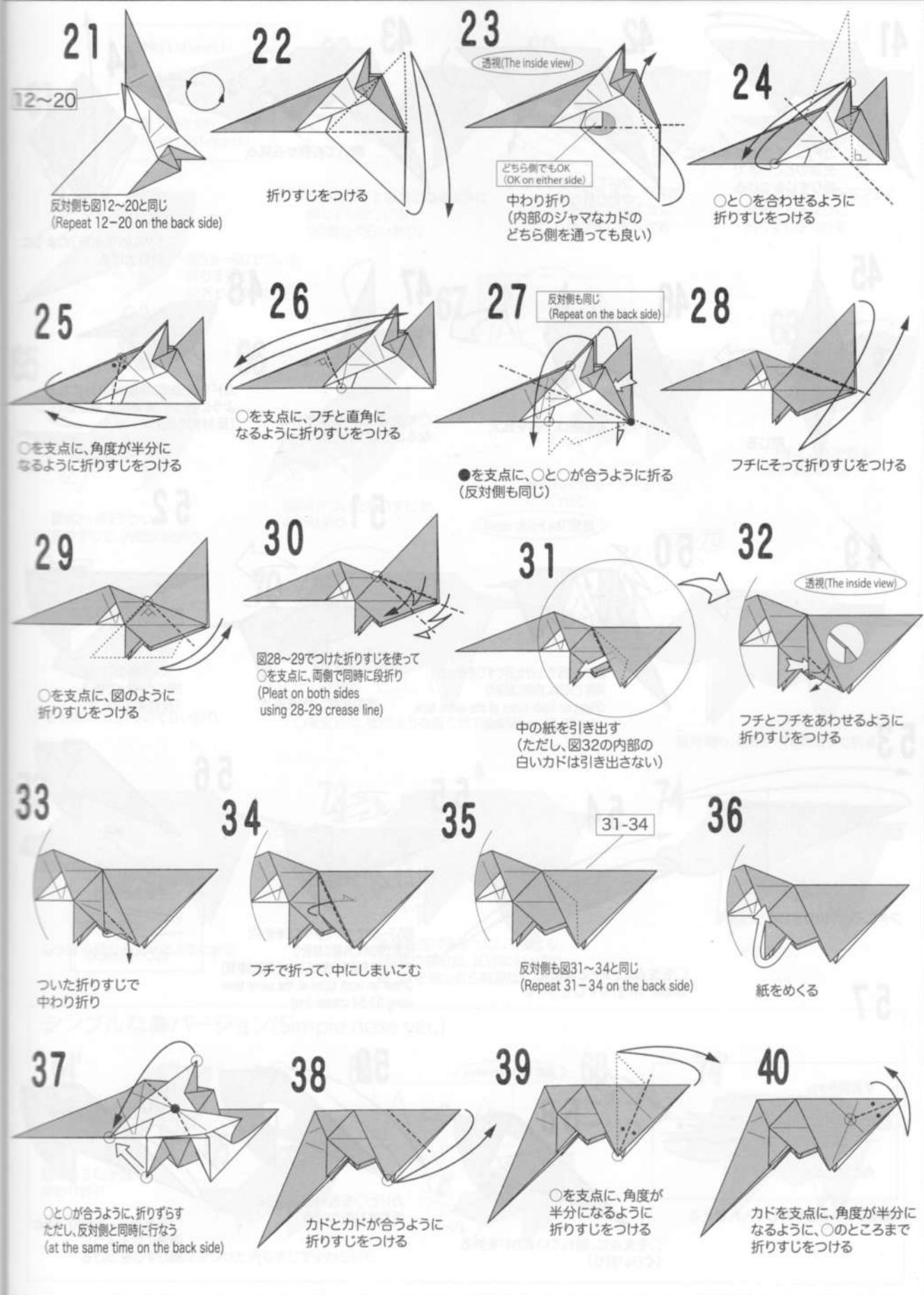
Pig

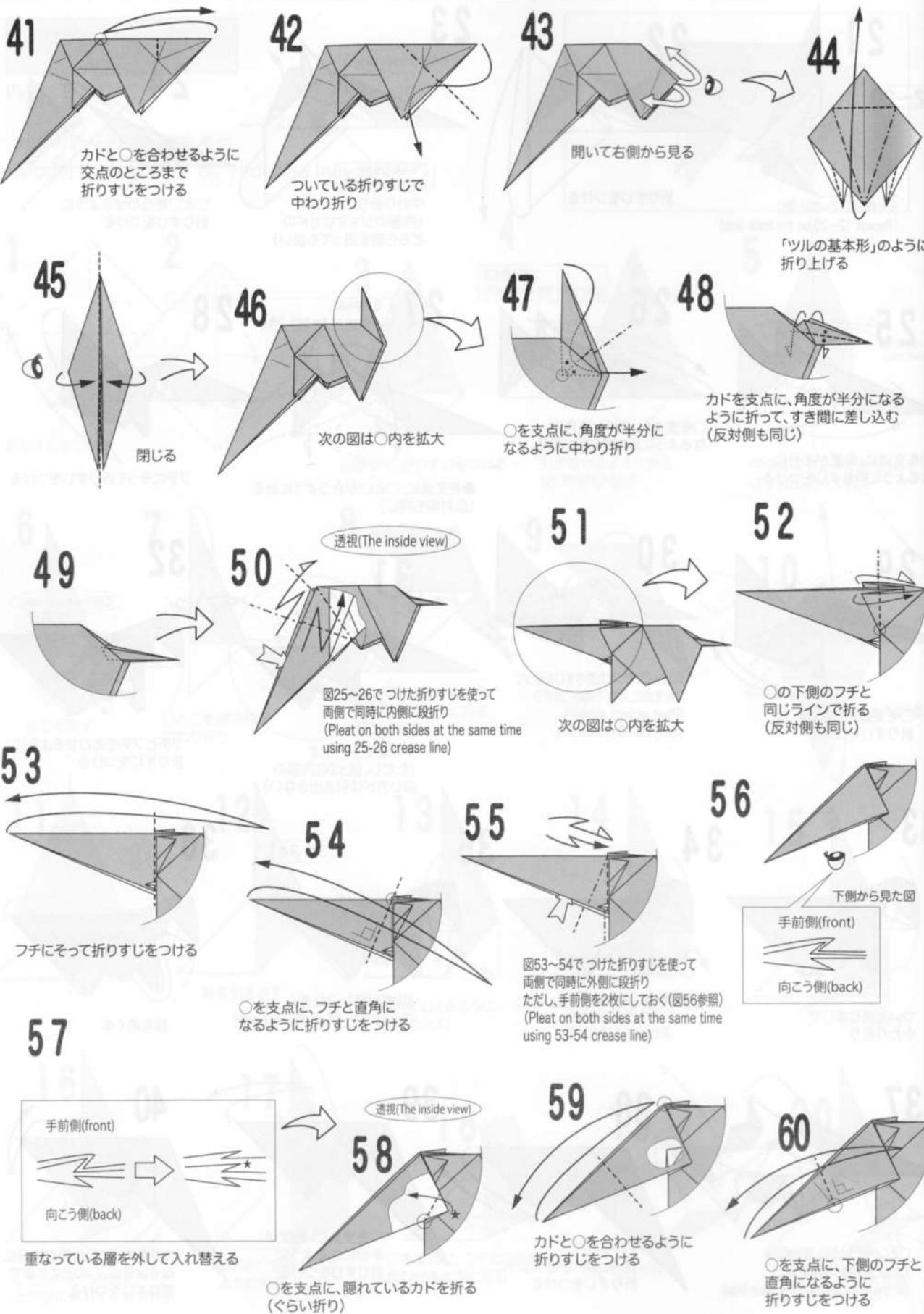
創作: 2017.1

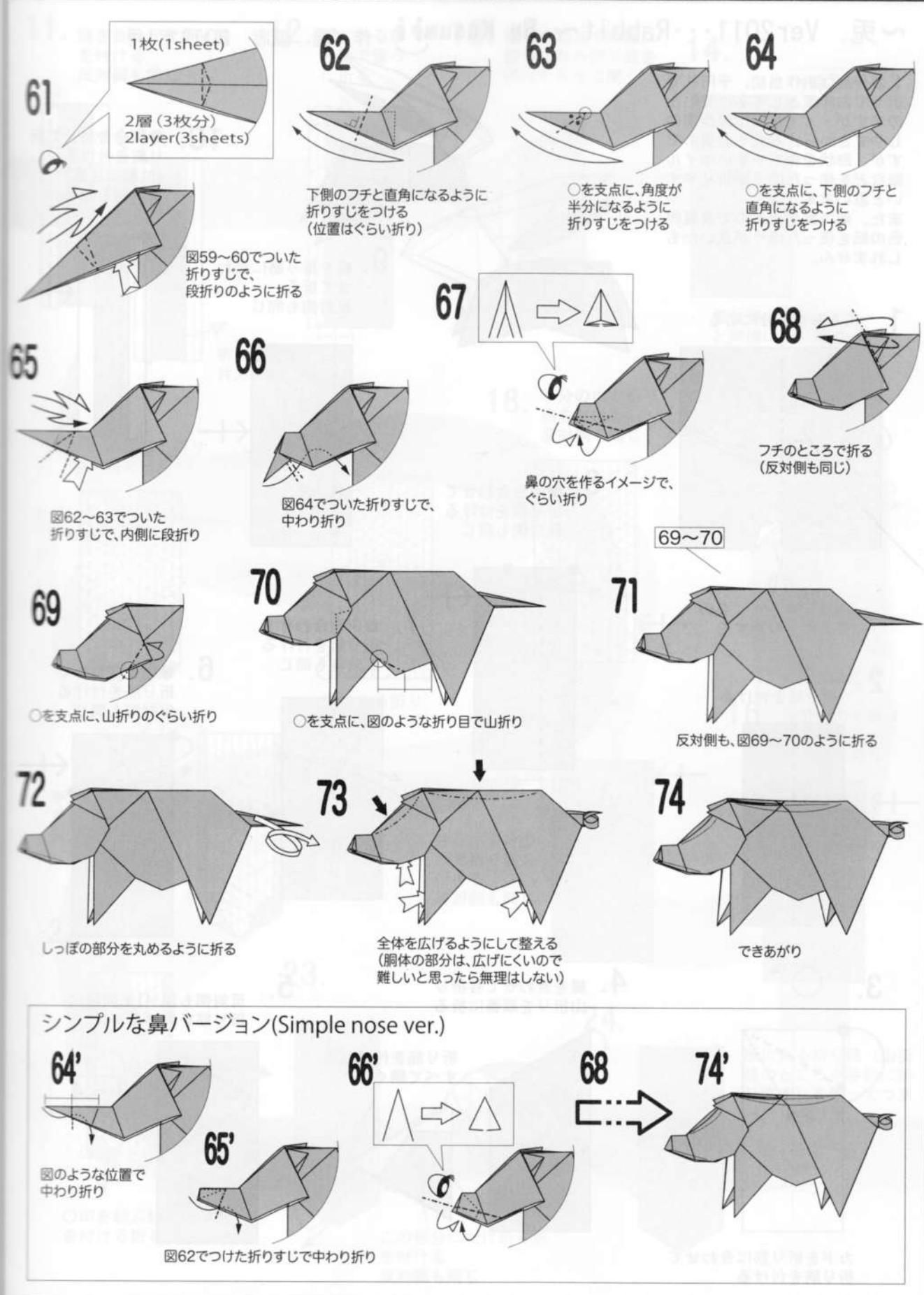
創作・折り図: 稲吉秀尚

Model & Diagrams by Hidehisa Inayoshi









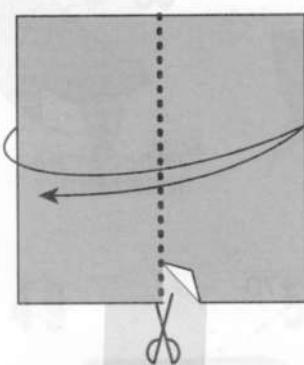
～兎 Ver2011…Rabbit～ By Kasumi

作/霞 誠志 2011年1月

この作品は創作当初、千円札で折ってお年玉としてあげていたのですが・・・仕上げの作業のしやすさから、お札もお奨めですが、形状を保ちやすいホイル紙などを使ったほうが折りやすいと思います。

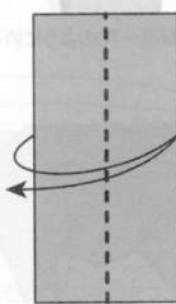
また、紙の裏が出るので表裏同色の紙を使ったほうが良いかもしません。

1. 正方形を半分に切る

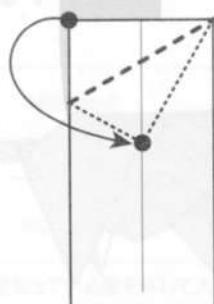


用紙比率：1：2の長方形を使用する

2. 折り筋を付ける



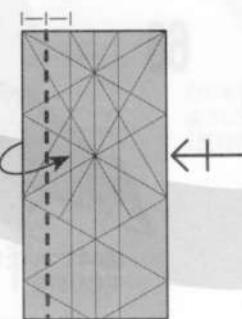
3.



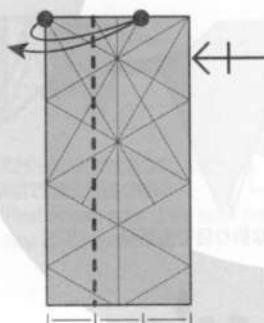
カドを折り筋に合わせて
折り筋を付ける



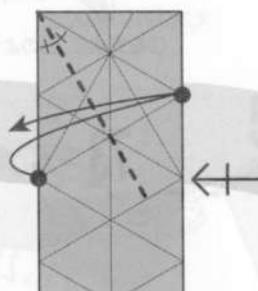
9. 縁を折り筋に合わせて折る 反対側も同じ



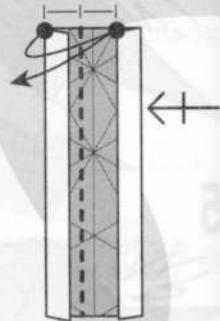
8. ●印を合わせて 折り筋を付ける 反対側も同じ



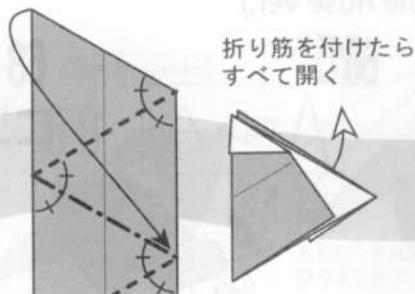
7. ●印を合わせて 折り筋を付ける 反対側も同じ



10. ●印を合わせて折り筋を付ける (位置に注意) 反対側も同じ

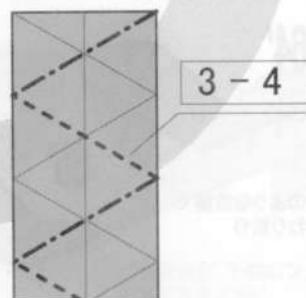


4. 縁を合わせて谷折り 山折りを順番に折る

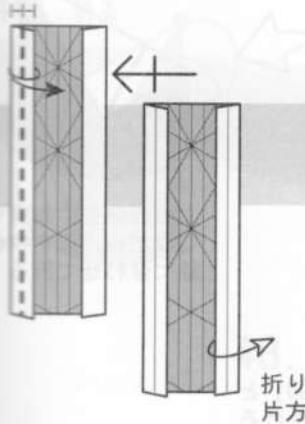


折り筋を付けたら
すべて開く

5. 反対側も[3-4]と同様に 折り筋を付ける



11. 縁を合わせて折り筋を付ける
反対側も同じ



12. 既にある折り筋で後ろに折る



13. 縁を合わせて順番に折りたたみ折り筋を付けたら全て開く

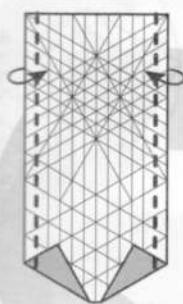


14.

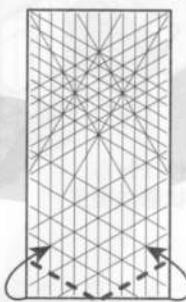
12 - 13

反対側も[12-13]と同様に折り筋を付ける

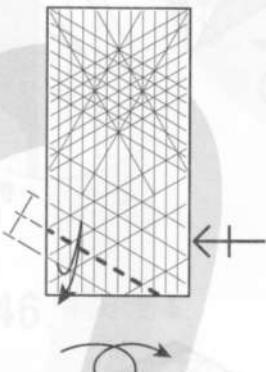
20. 既にある折り筋で折る



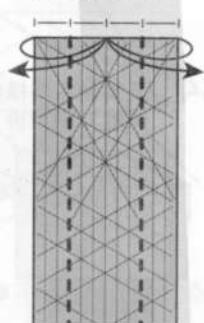
19.



18. 半分の中で折り筋を付ける
反対側も同じ

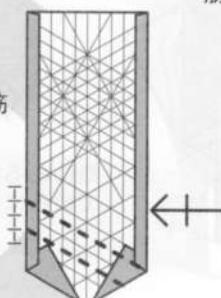


15. 縁を中心線に合わせて折り筋を付ける



21.

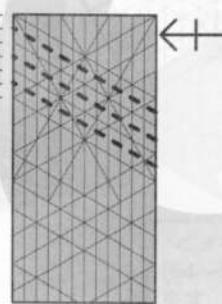
半分の中で折り筋を付ける
反対側も同じ



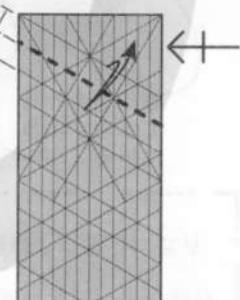
既にある折り筋で折る

17.

さらに半分の巾で折り筋を付ける
反対側も同じ



16. 半分の巾で折り筋を付ける
反対側も同じ

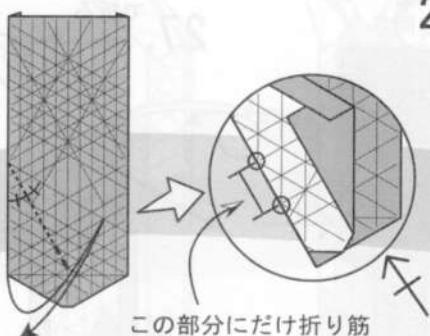


22.



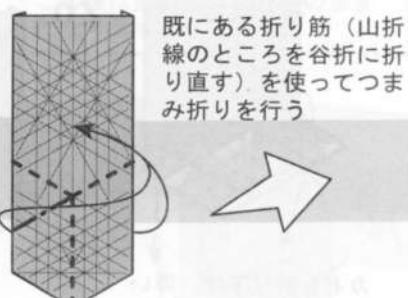
○印を結ぶ線で折り筋を付ける折る

23.

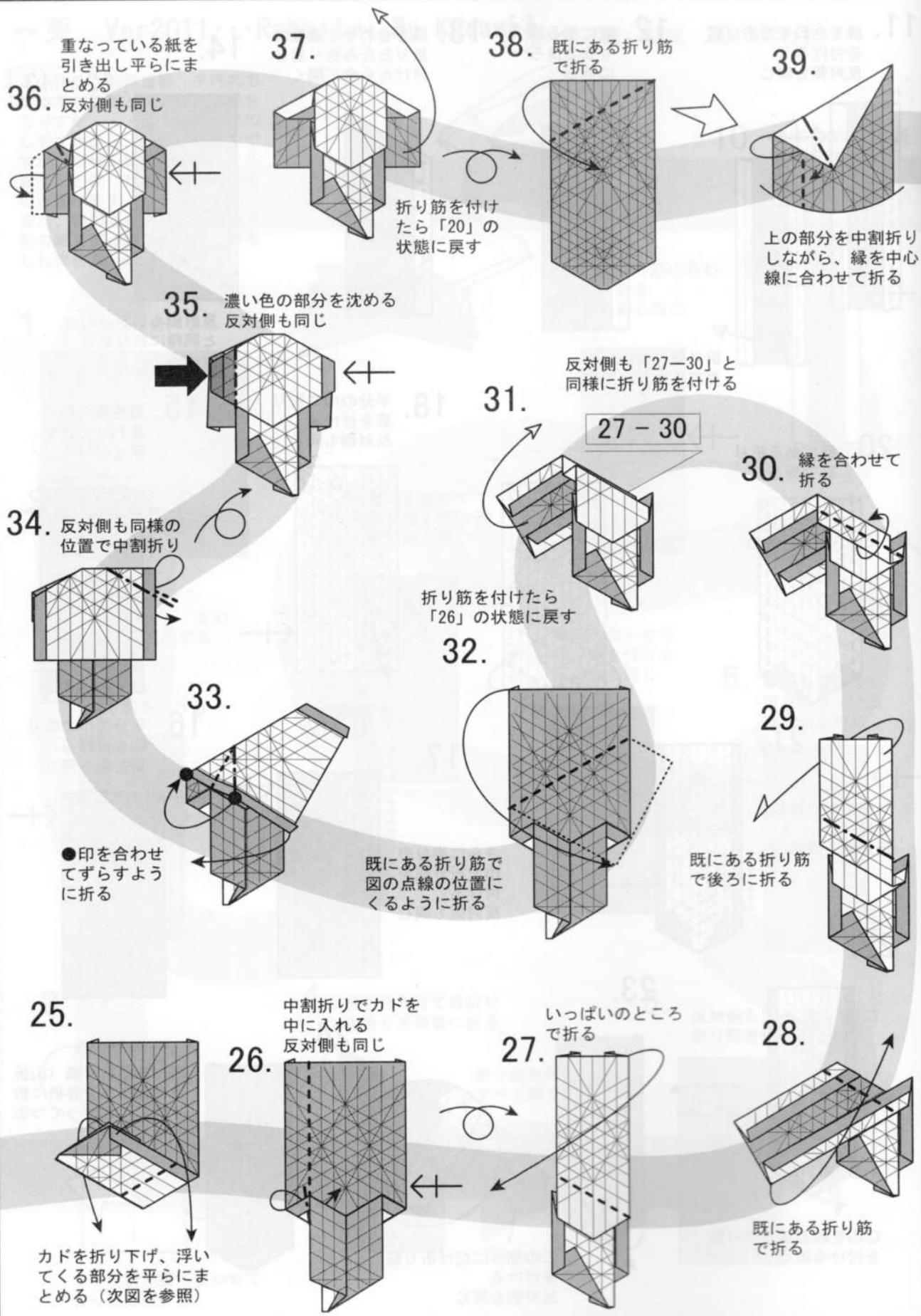


この部分にだけ折り筋を付ける
反対側も同じ

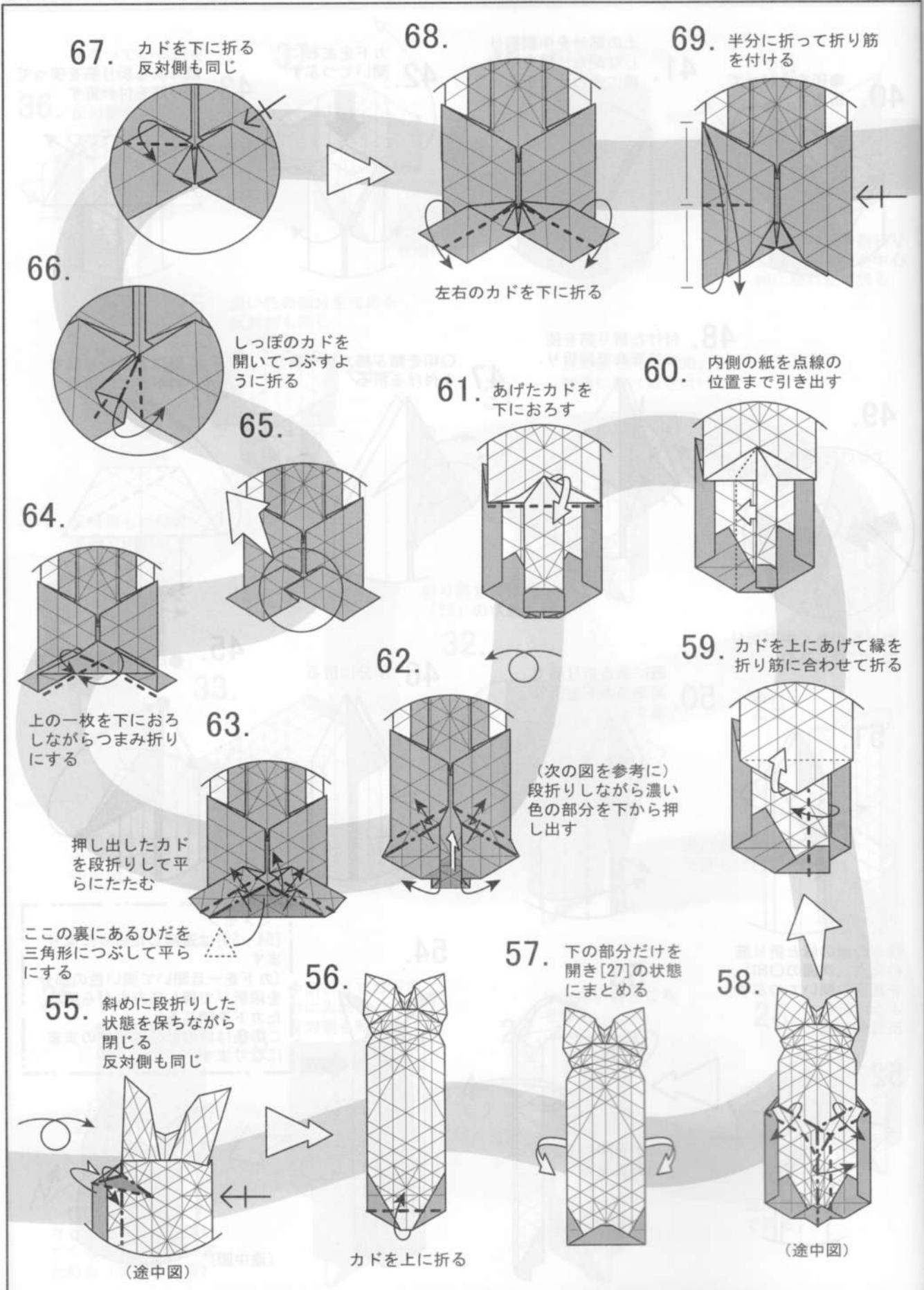
24.



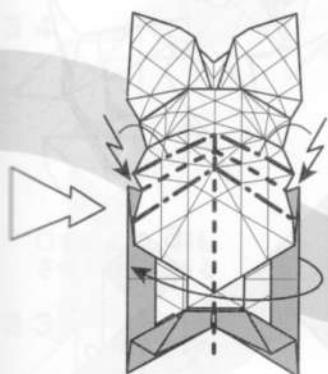
既にある折り筋(山折線のところを谷折に折り直す)を使ってつまみ折りを行う



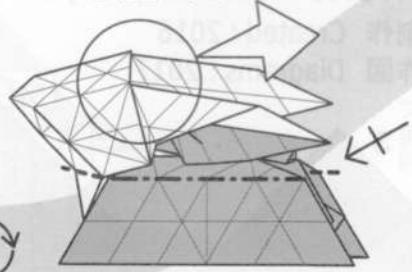




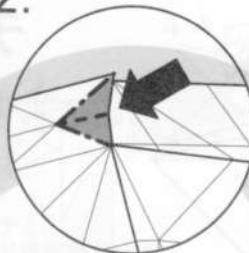
70. 段折りで首の部分を沈めながら体を半分に折る



71. 首元を谷折りして少し頭を下げると同時に背中に山折り線をつけ体を箱型にする

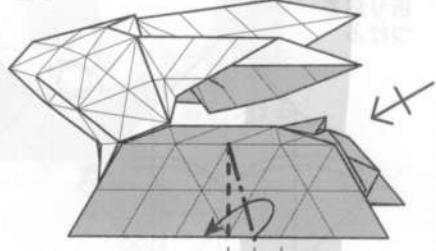


72.

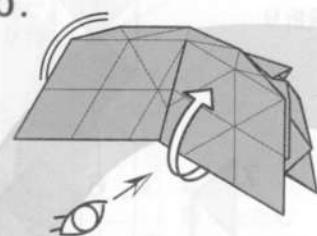


開いてすぶすようにして濃い色の部分を少し押し込む

73.

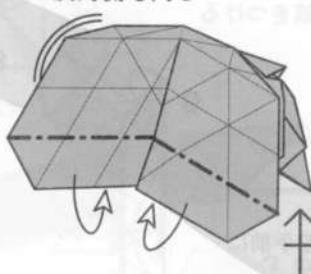


76.



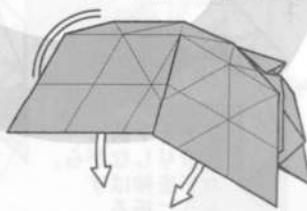
軽く開いて内側を見る

75. [73]で折った重なりを保ちながら引き出した紙を後ろに折る
反対側も同じ

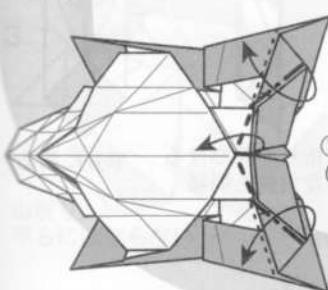


[69]で付けた谷折り線を使ってずらすように折る
反対側も同じ

74. (説明の為、体の図だけを描画しています)
後ろにある紙を引き出す

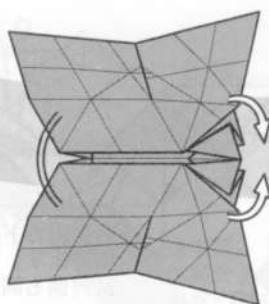


77.



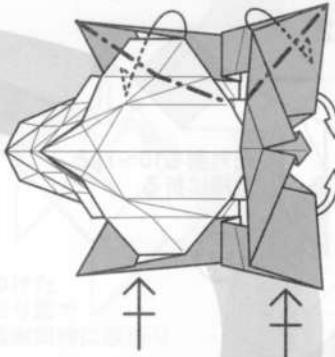
①中央の小さいカドを反対側にたおす
(紙が破れやすいので注意)

78.

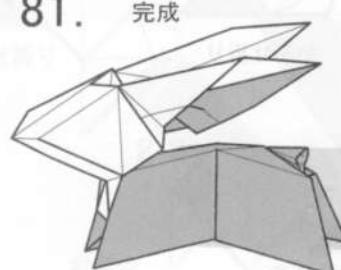
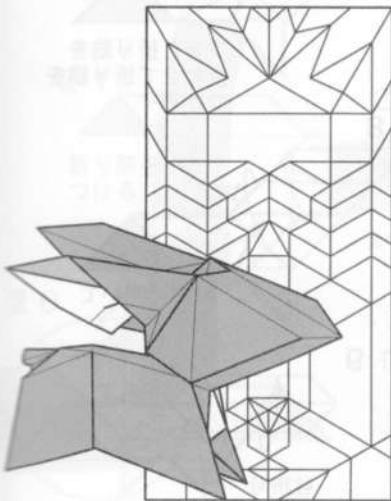


(表側から見た状態)

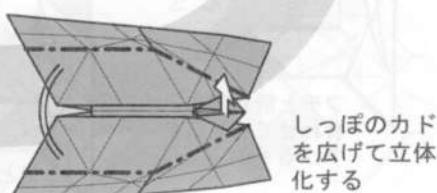
79. ③足を閉じながら、カドを後ろに折って開き止めにする
反対側も同じ



81. 完成



80. <[71]の首と背中の折りを再度行って形を整える>



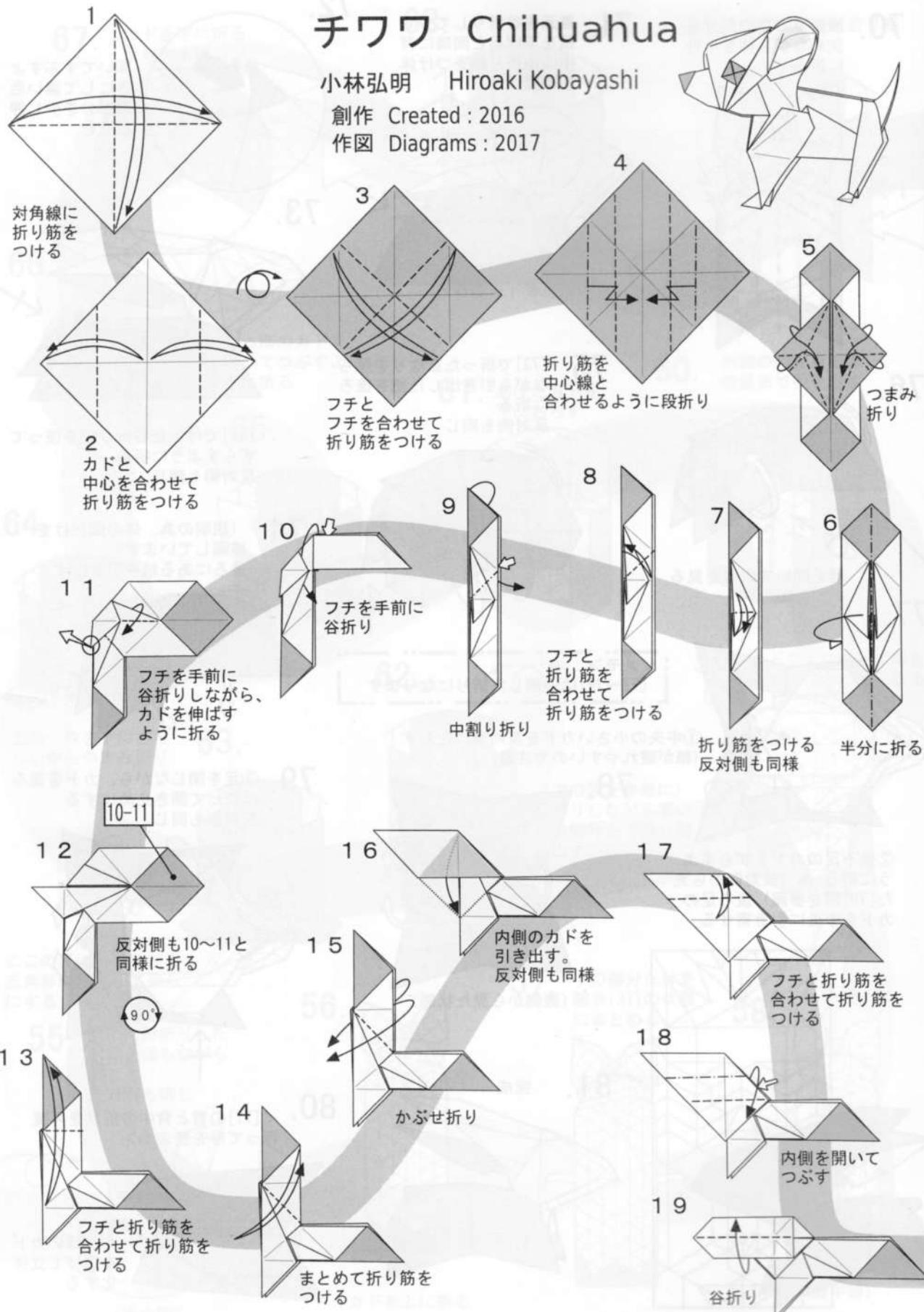
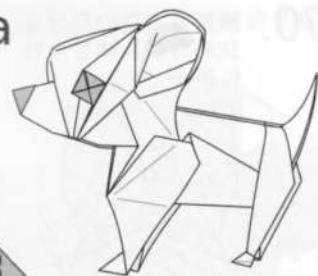
しっぽのカドを広げて立体化する

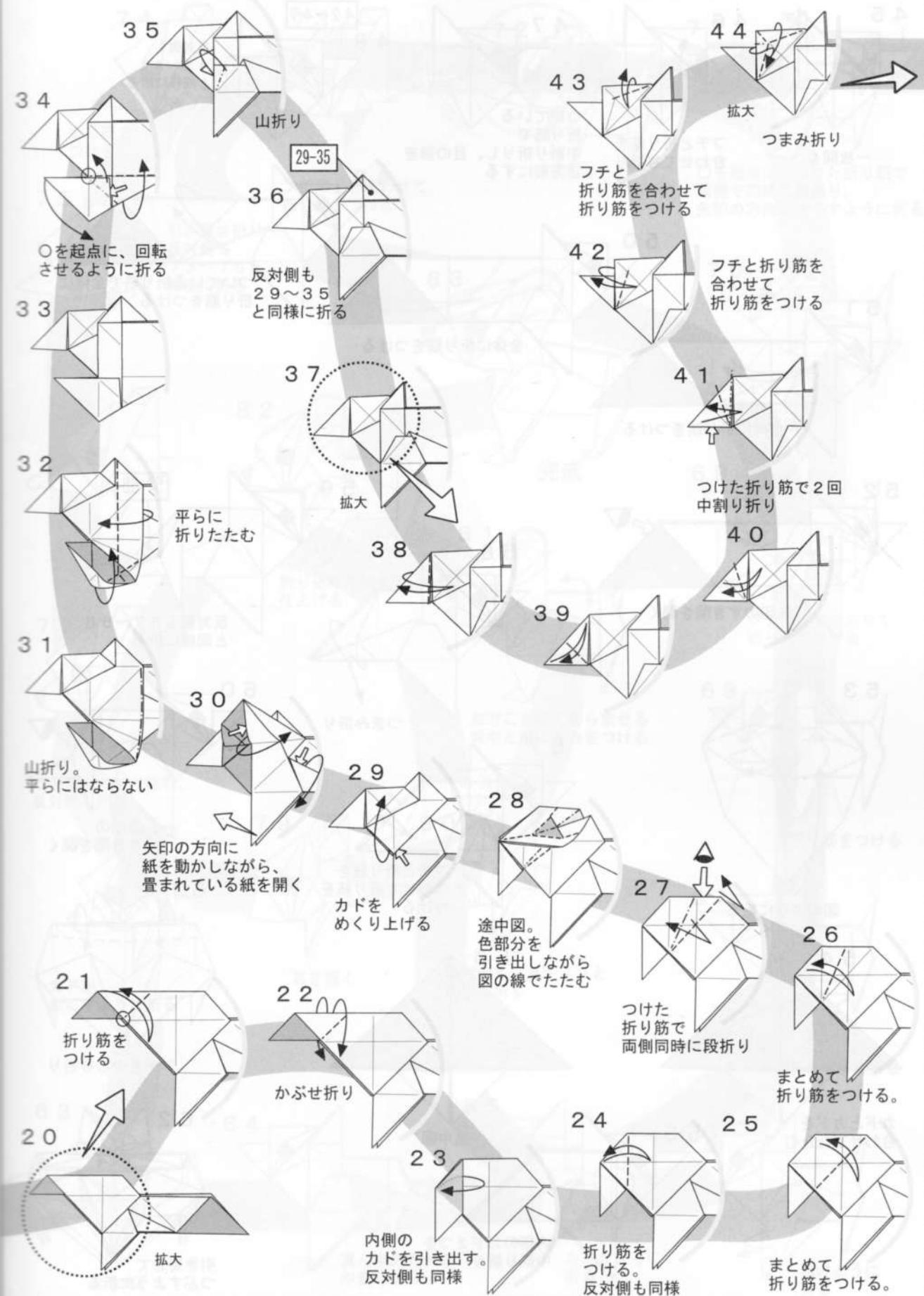
チワワ Chihuahua

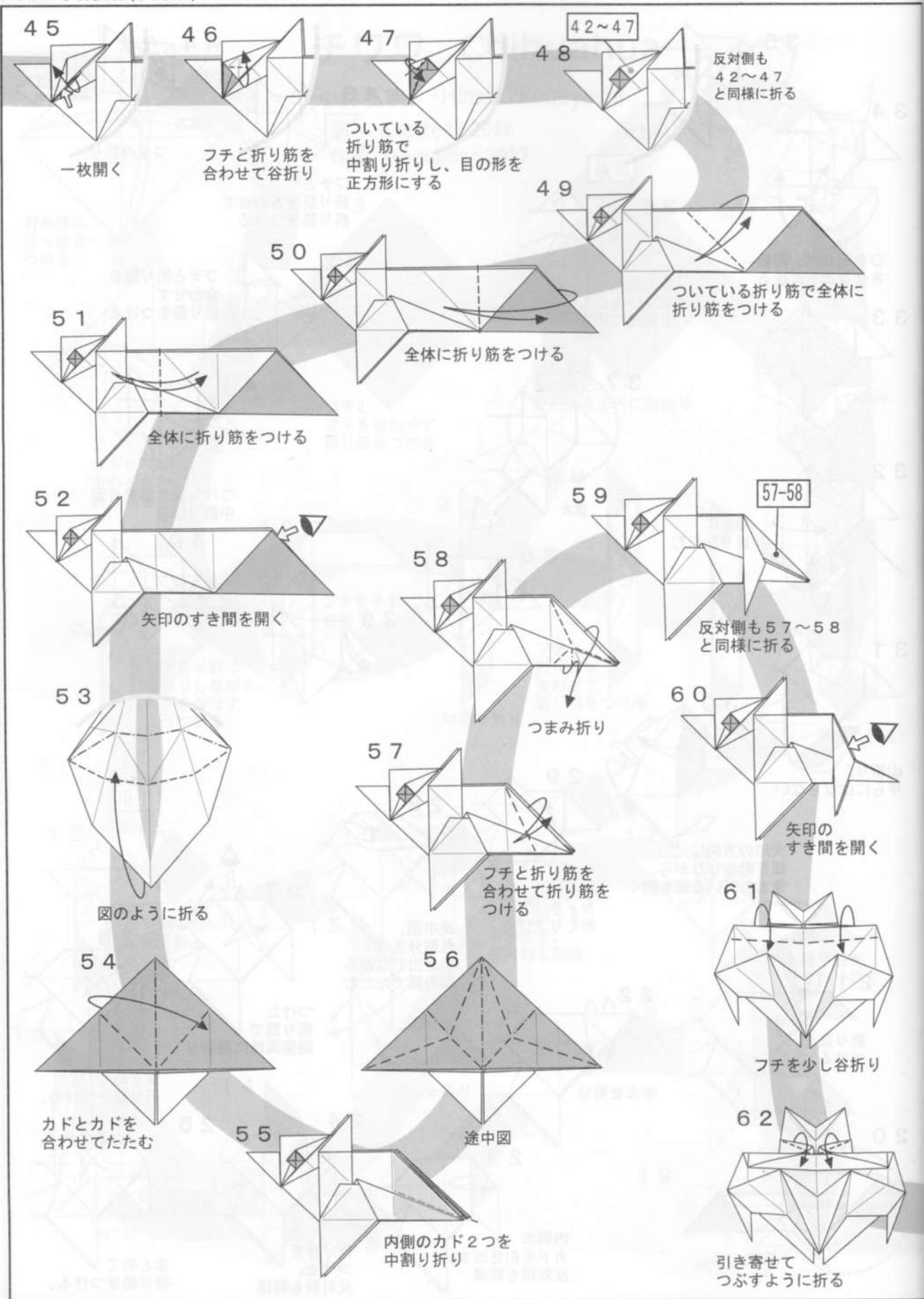
小林弘明 Hiroaki Kobayashi

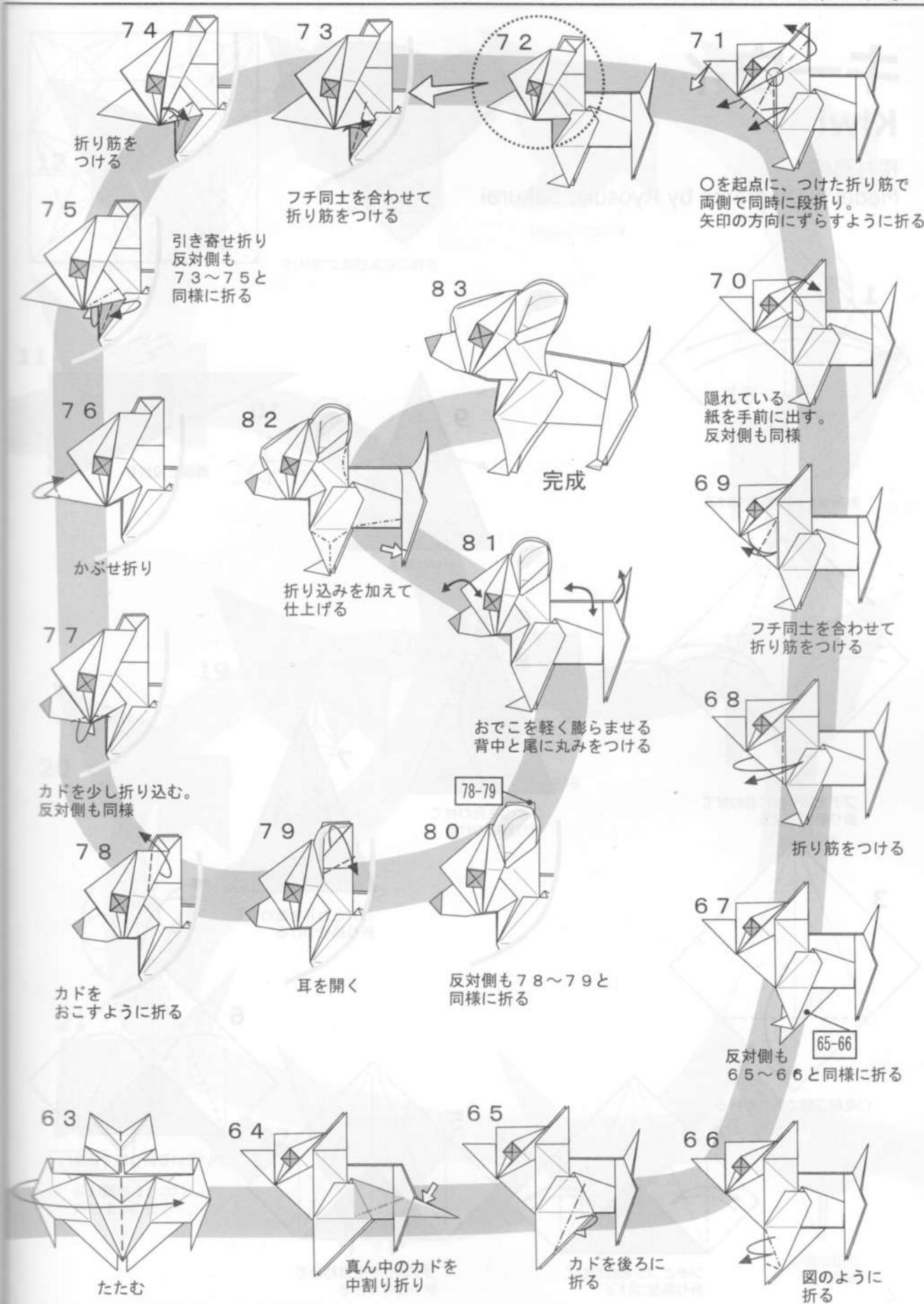
創作 Created : 2016

作図 Diagrams : 2017







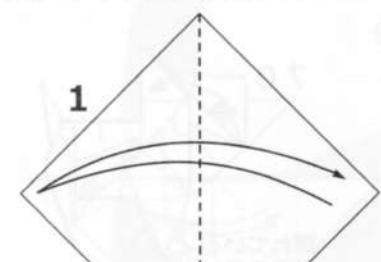
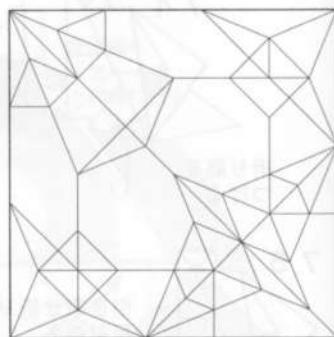
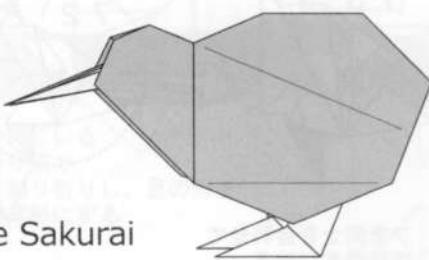


キーウィ

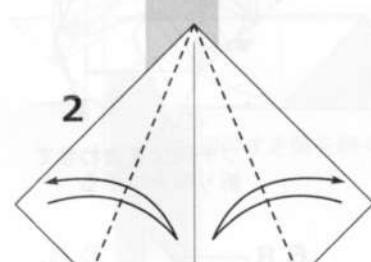
Kiwi

櫻井亮佑

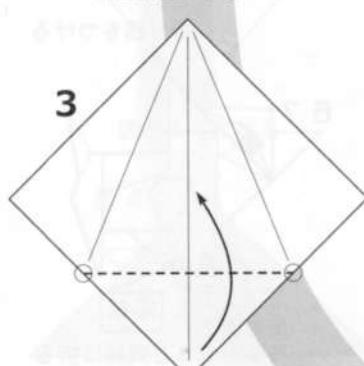
Model & Diagrams by Ryosuke Sakurai



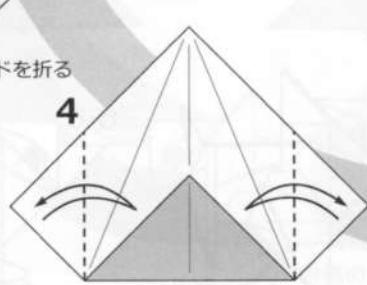
対角線に折り筋をつける



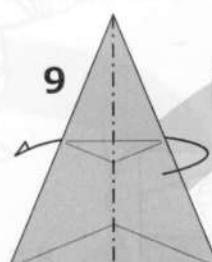
フチを折り筋に合わせて
折り筋をつける



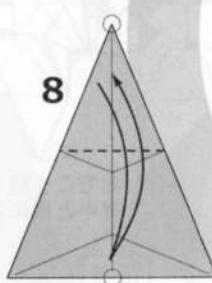
○を結ぶ線でカドを折る



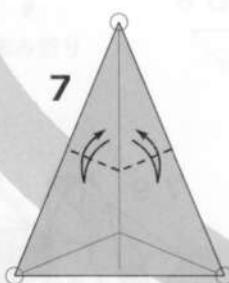
フチとフチを合わせて
折り筋をつける



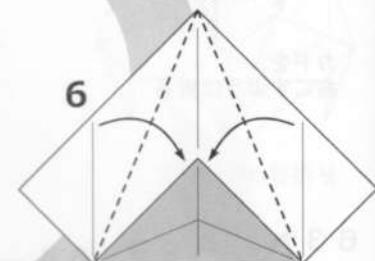
半分に折る



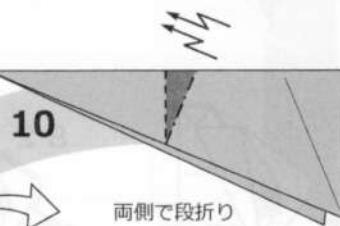
○と○を合わせて
折り筋をつける



カドとカドを合わせて
折り筋をつける

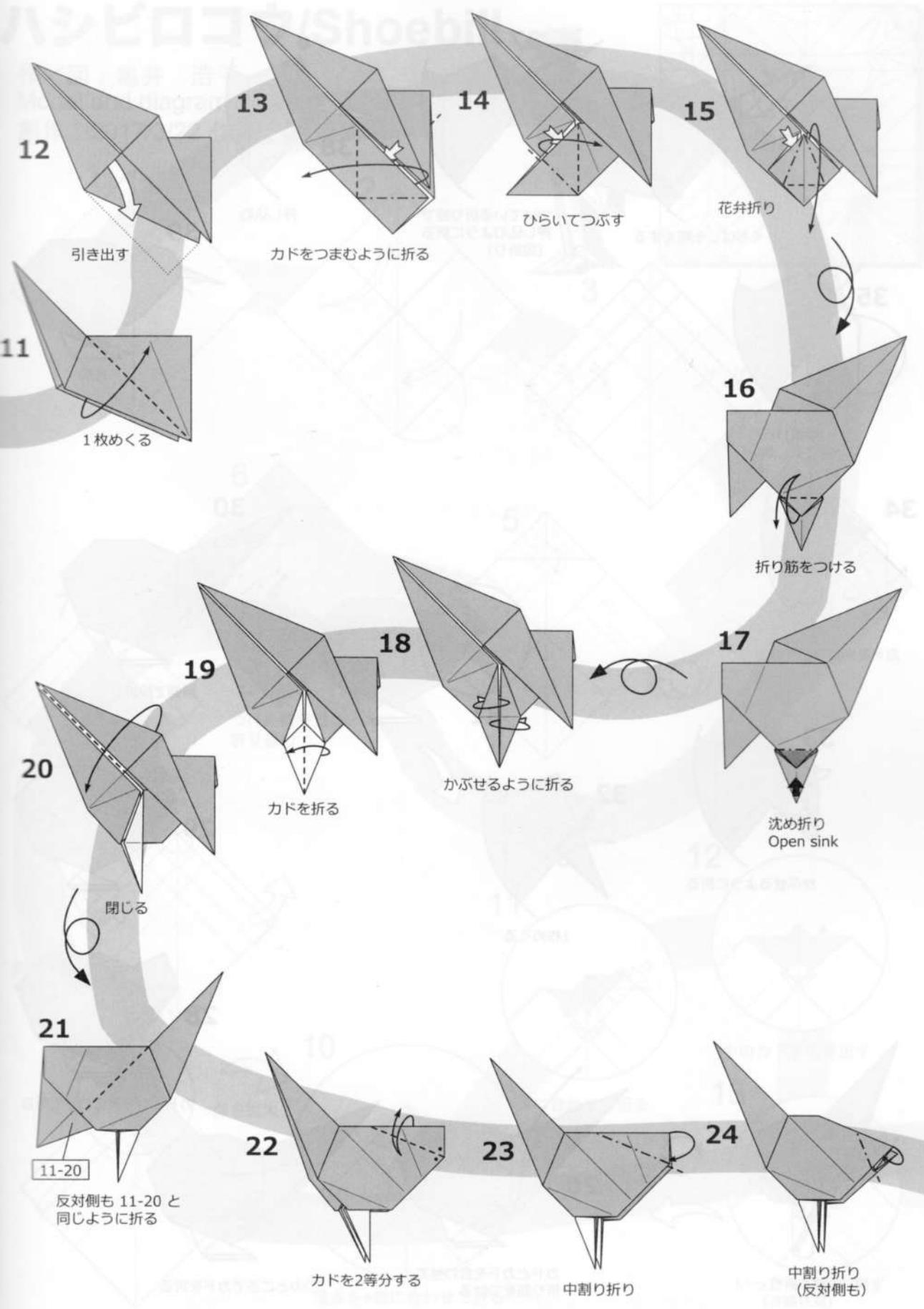


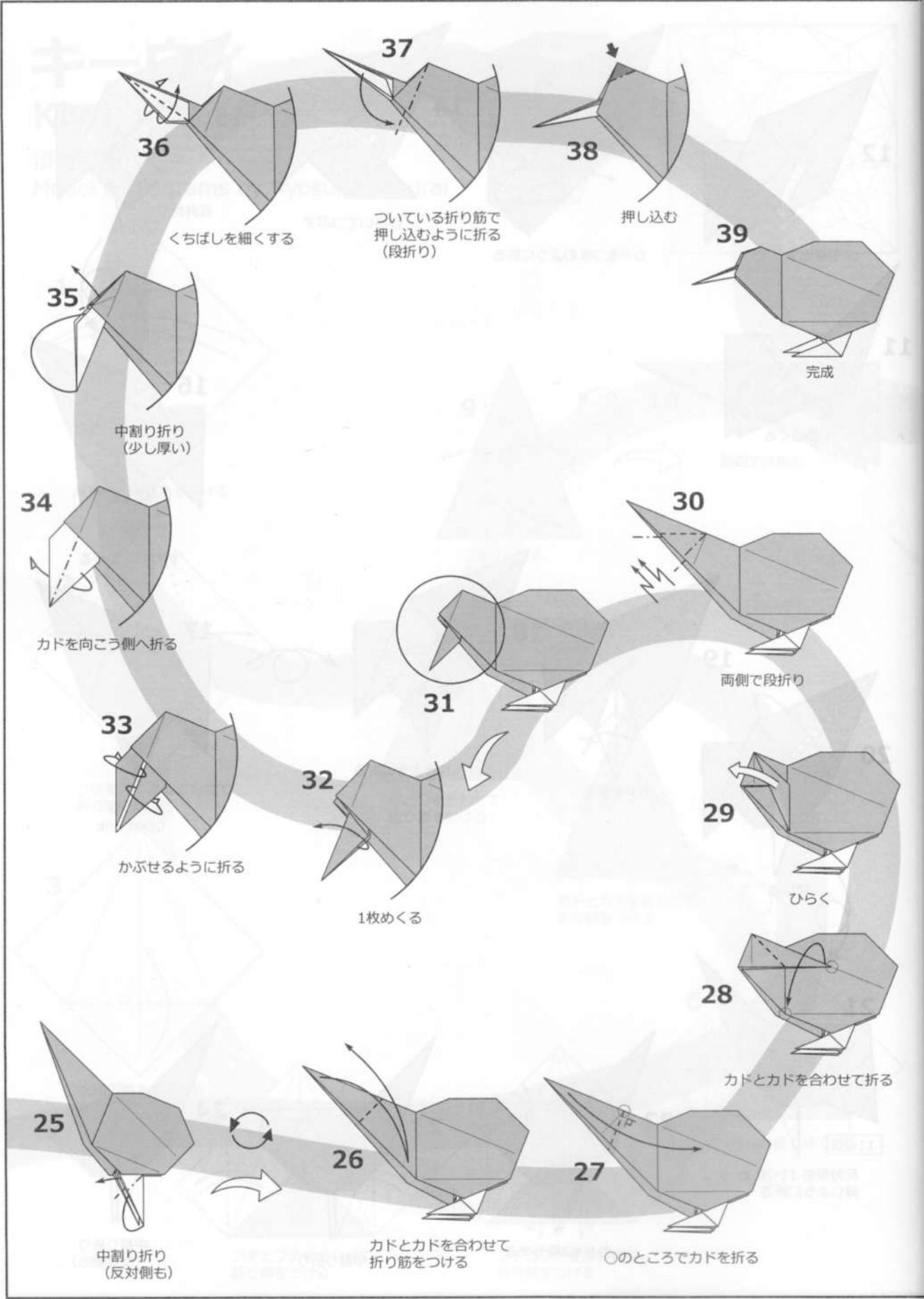
ついている折り筋で折る



10

両側で段折り



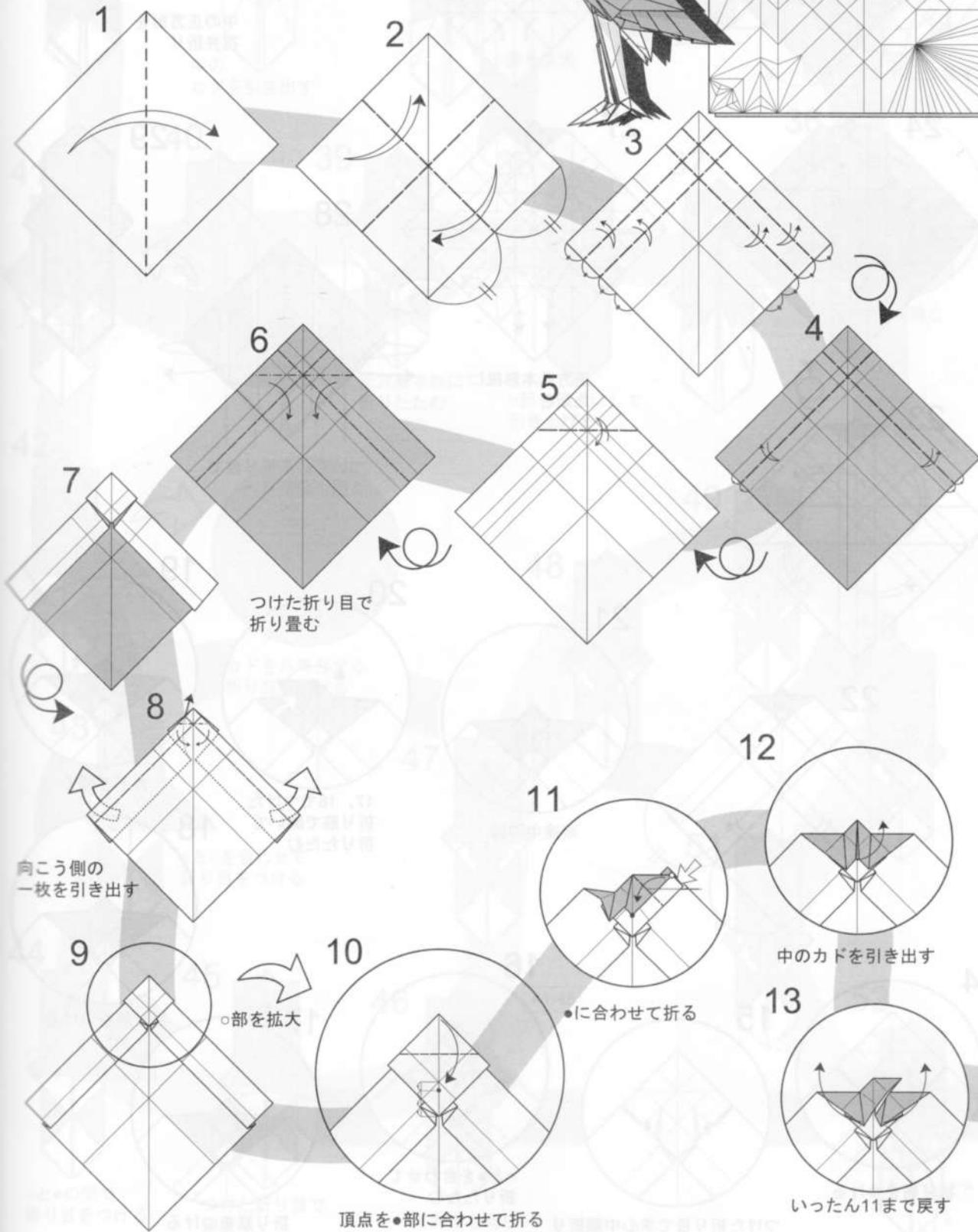
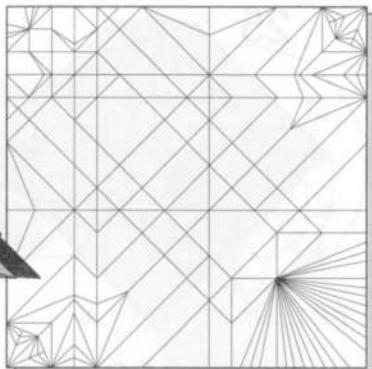
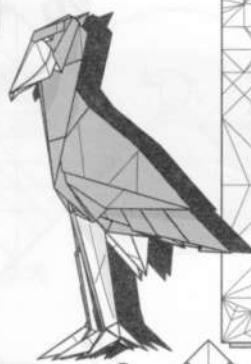


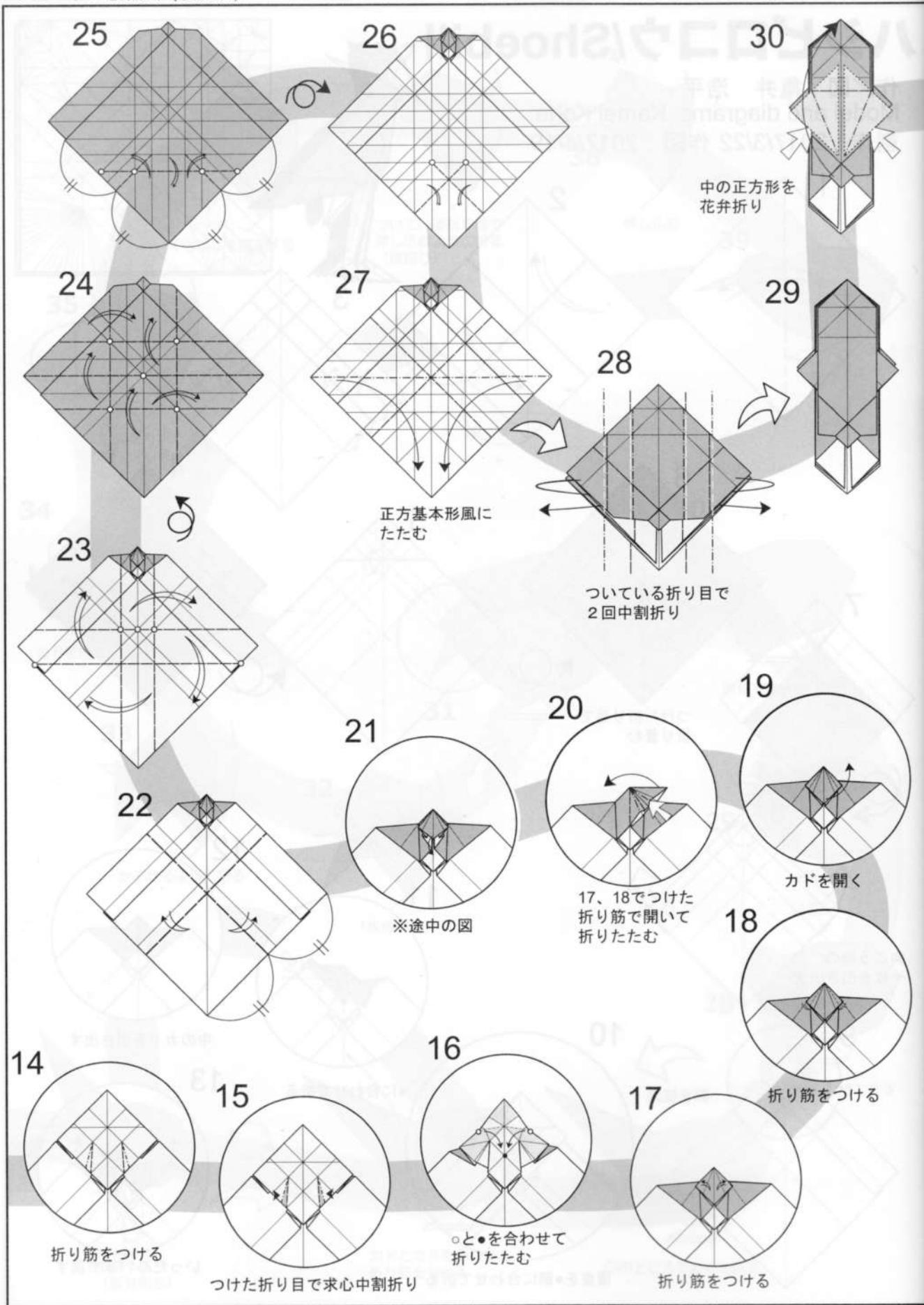
ハシビロコウ/Shoebill

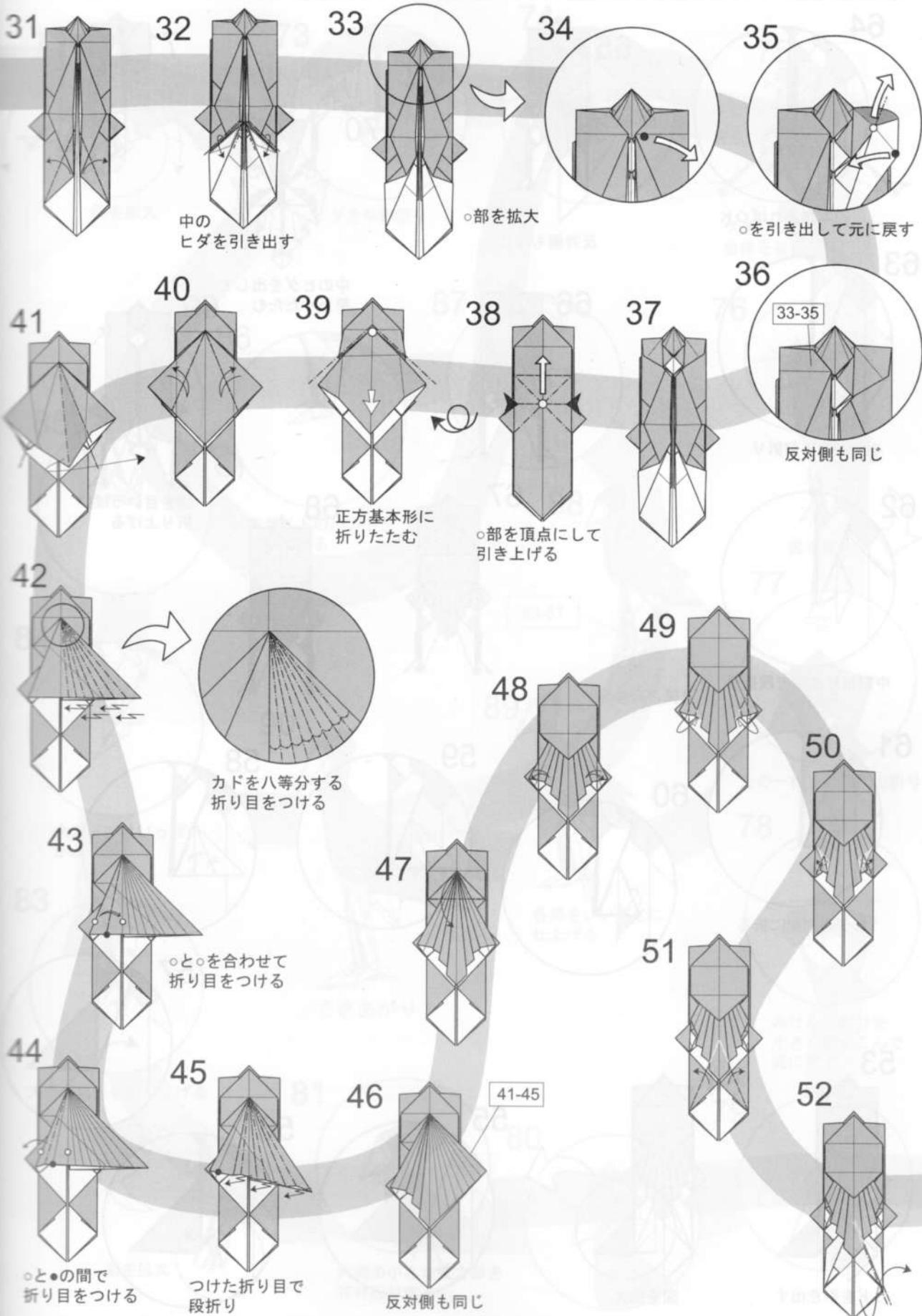
作／図：亀井 浩平

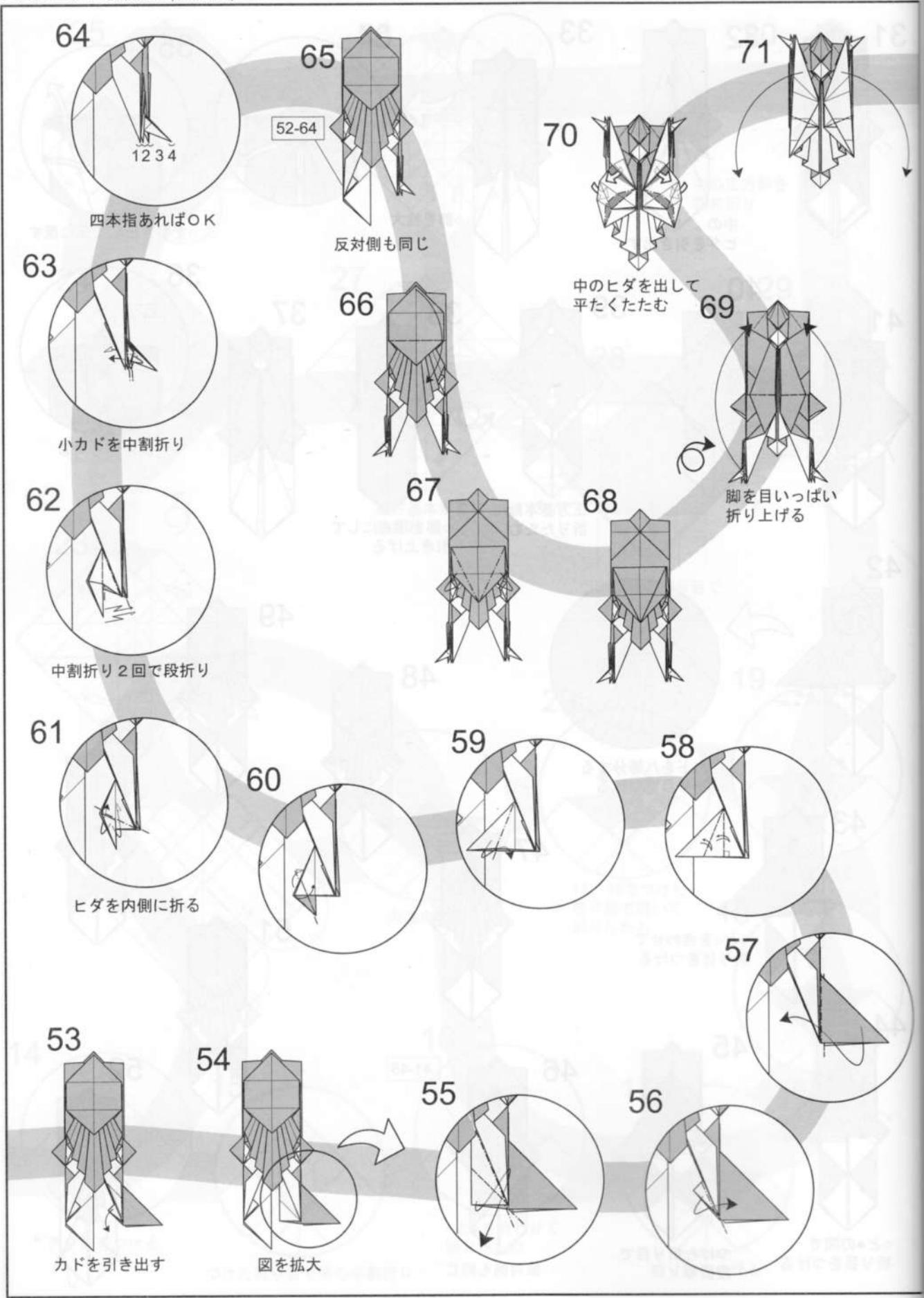
Model and diagrams: Kamei Kohe

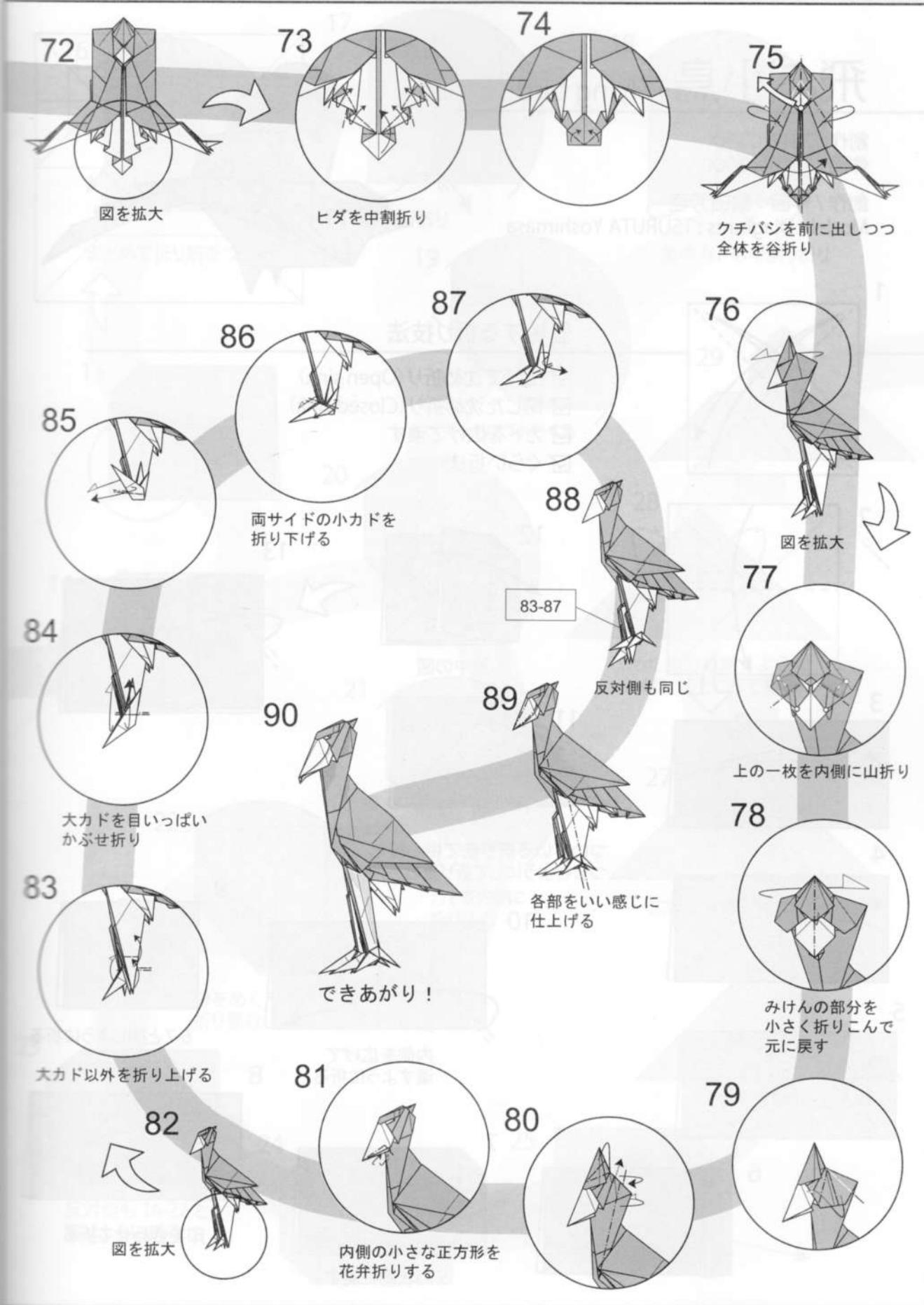
創作：2017/3/22 作図：2017/4/19







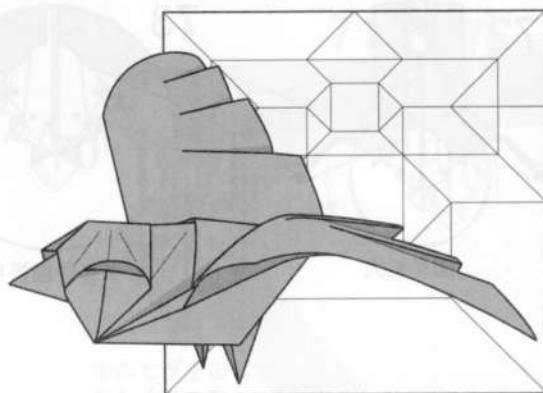




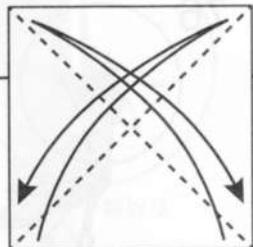
飛ぶ小鳥 Flying bird

創作: 2014/08/XX
作図: 2016/12/XX

創作 / 作図: 鶴田芳理
Model / Diagrams : TSURUTA Yoshimasa



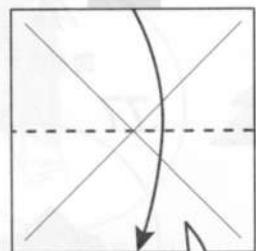
1



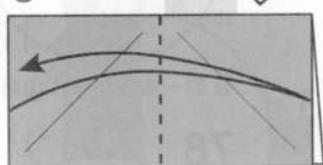
登場する折り技法

- 広げて沈め折り (Open sink)
- 閉じた沈め折り (Closed sink)
- カドを広げて潰す
- ぐらいの折り

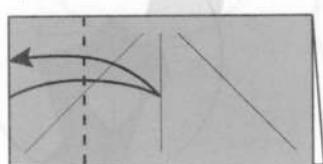
2



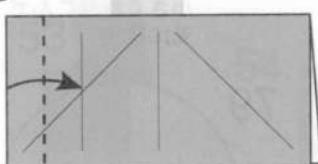
3



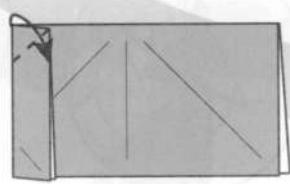
4



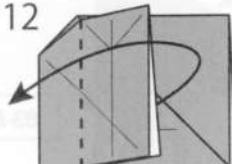
5



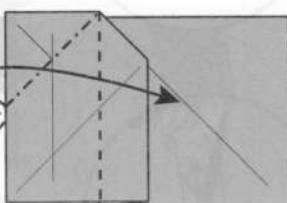
6



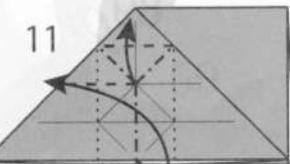
12



13

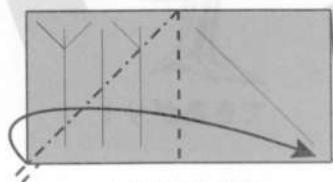


途中の図



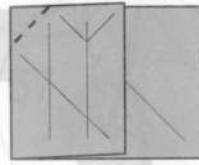
ついている折り筋で中心線を
つまむようにして折り畳む

10



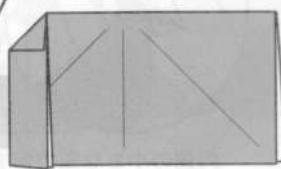
内側を広げて
潰すように折る

9



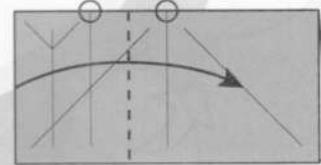
6-7 と同じように折る

7

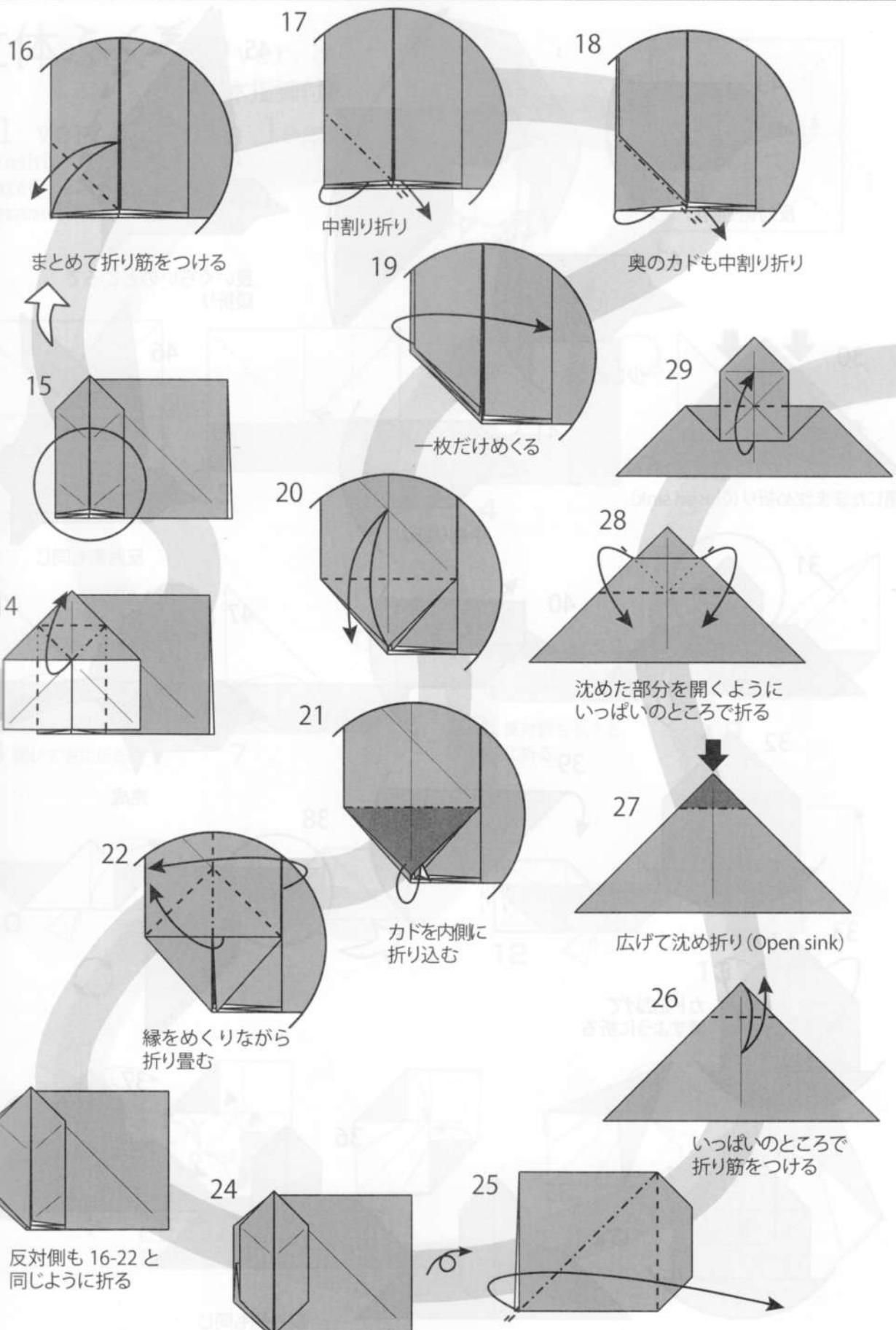


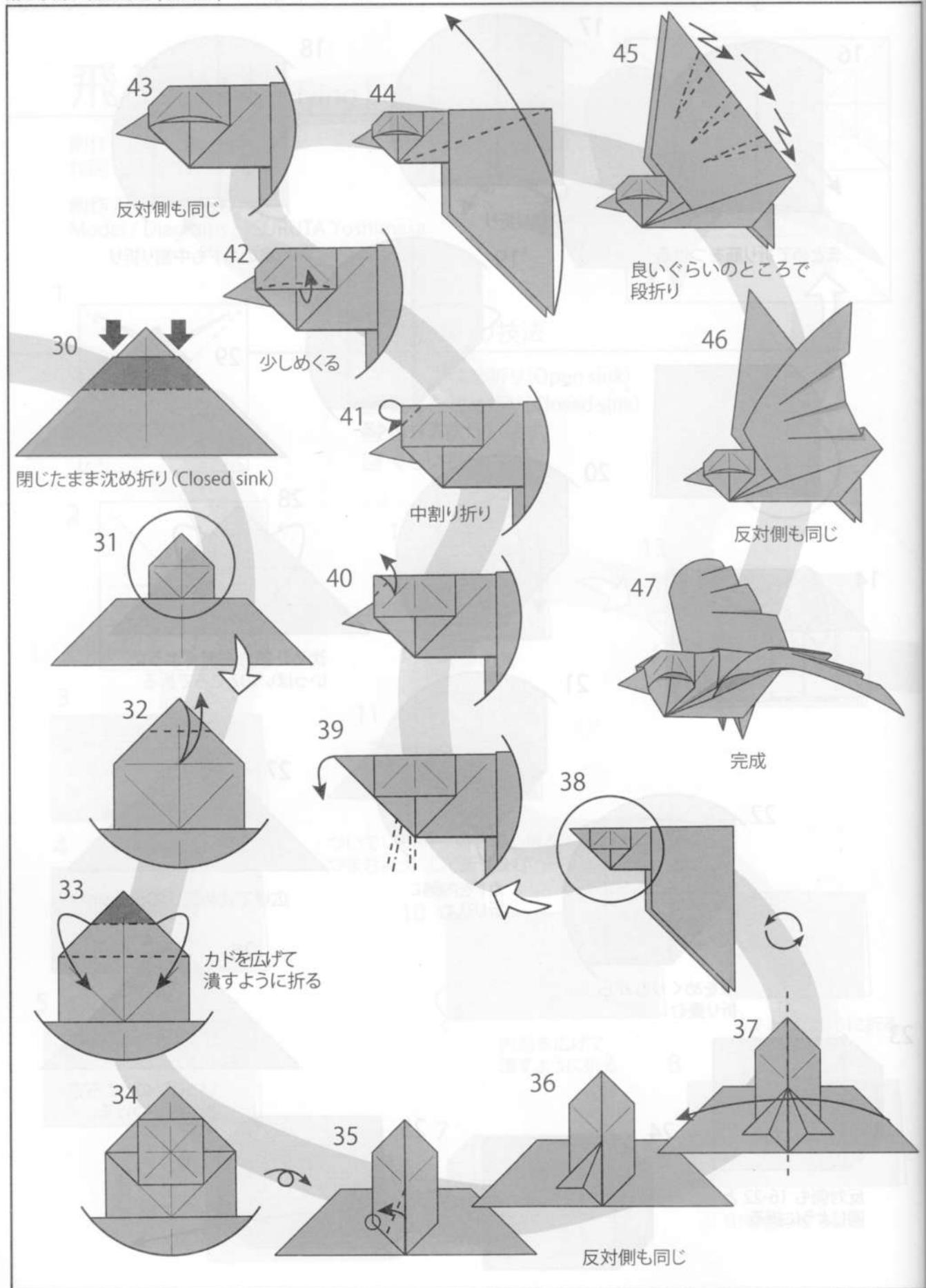
5 の状態に戻す

8



印を合わせて折る





立体ふくろうver.3

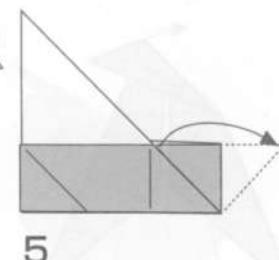
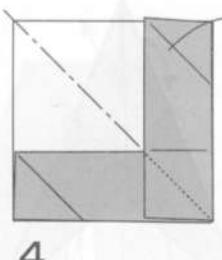
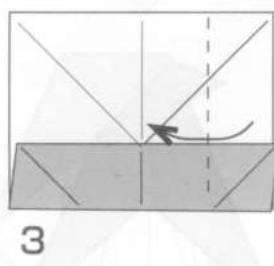
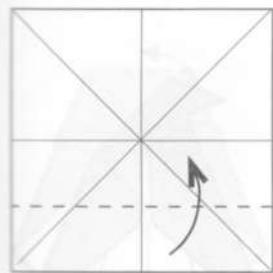
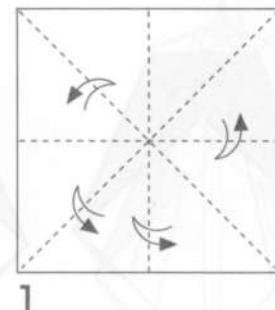
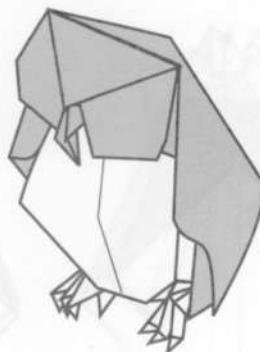
(4本指脚付)

Owl ver.3 (with legs)

by Yoshio Tsuda

Created: 23 October 2016

Diagramed: 23 June 2017

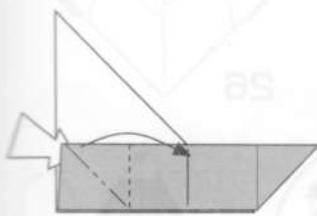


2

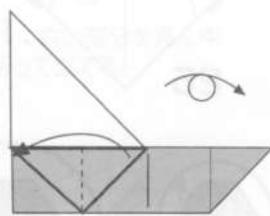
3

4

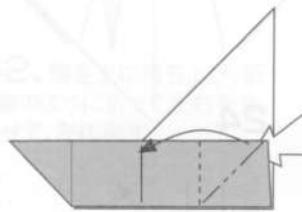
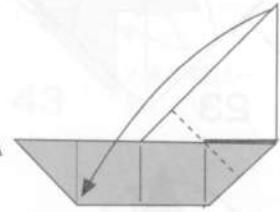
5



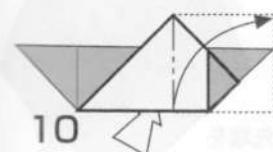
6 開いて右に折る。



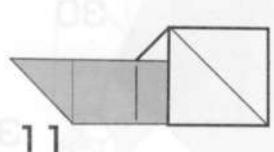
7

8、反対側も6.7と
同様に折る。

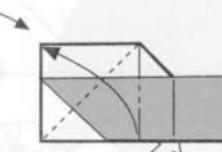
9



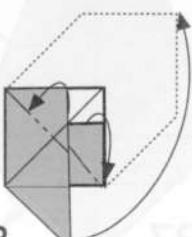
10



11



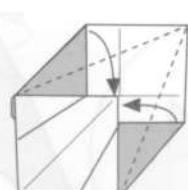
12



13



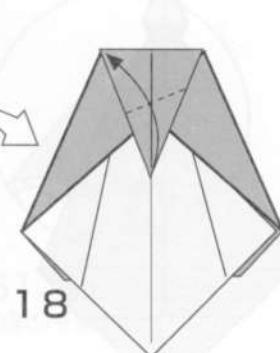
14

15、折り始めの
位置に気をつけて
折り筋をつける。

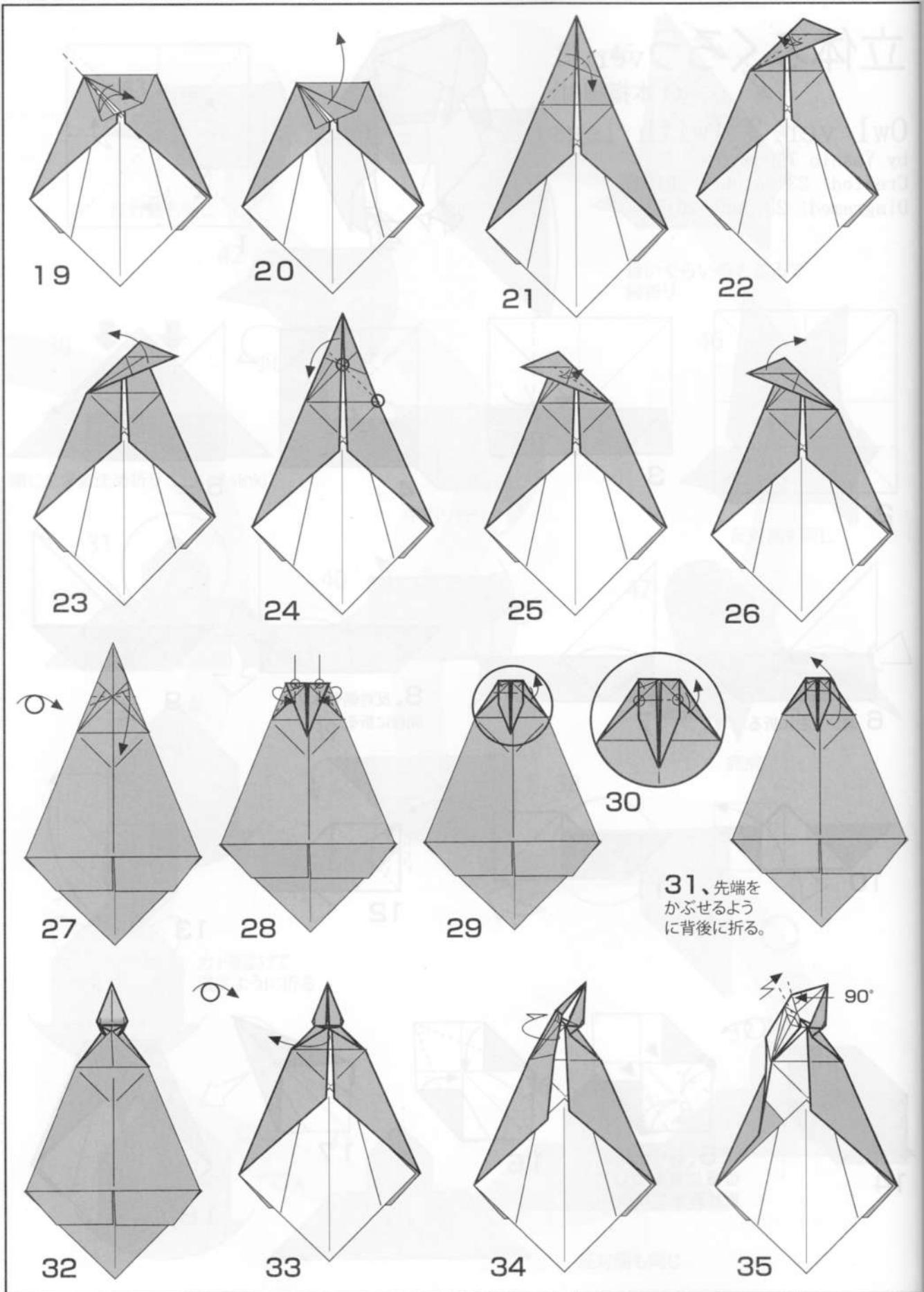
16

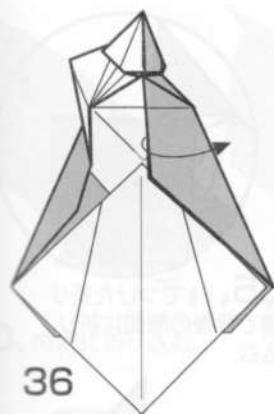


17

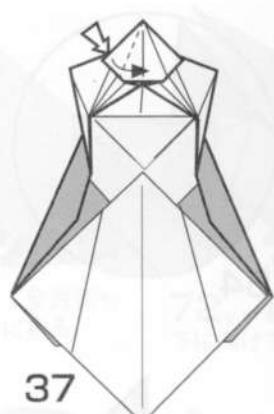


18

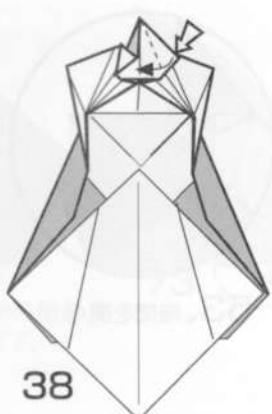




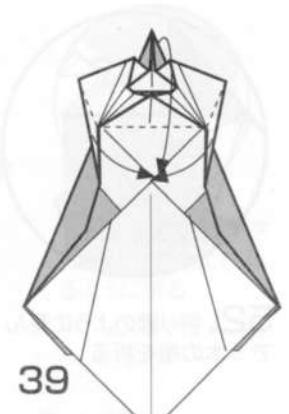
36



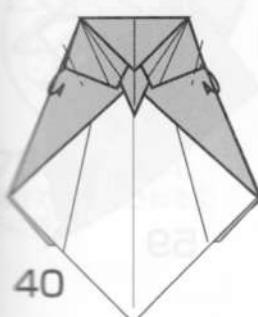
37



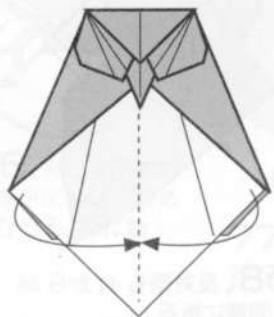
38



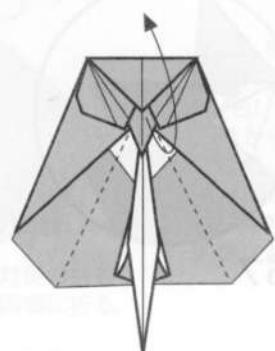
39



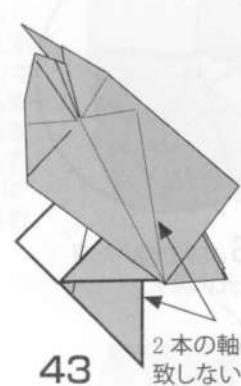
40



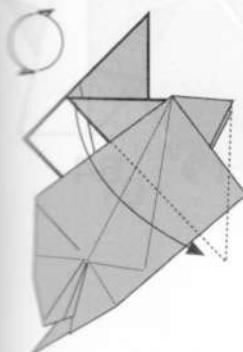
41、白い部分を真ん中で折って立てる。



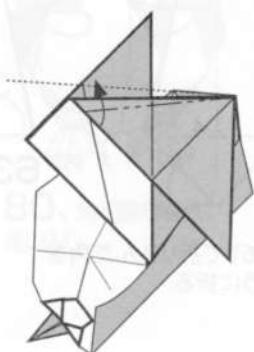
42、頭を上に持ち上げ、折り線のように折って左右を合わせて、左に倒す。



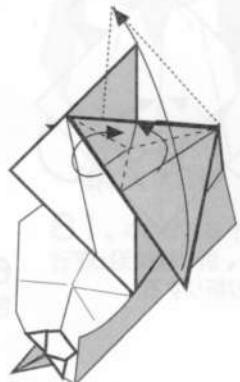
43
2本の軸は一致しない。



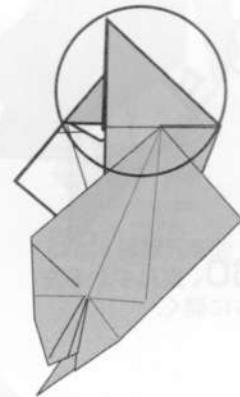
44、3角形の先を持つて、手前に開く。



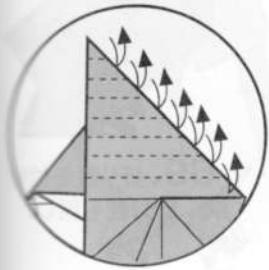
45、点線に合わせて山折り線を変更する。



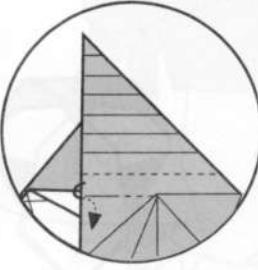
46、折り線のように折って、三角形の先を上に折りあげ、全体を平らに折る。



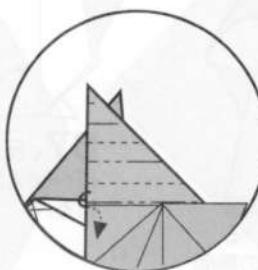
47、ついている折り線で、折り下げる。



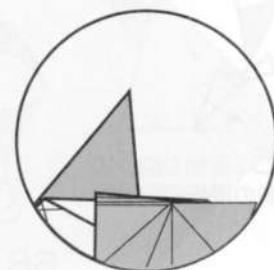
48、折りあげた三角に等分の線を付ける。



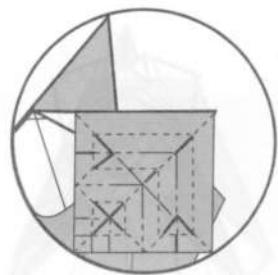
49、折り線のように内側に中わり折りする。



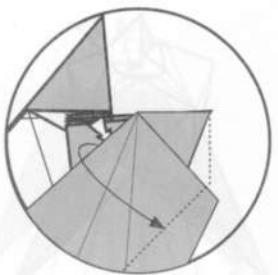
50、同様に3回繰り返す。



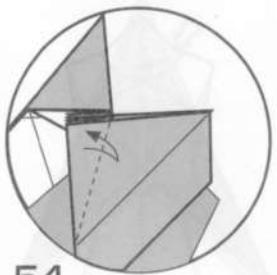
51、折りたたんだ正方形の部分を開く。



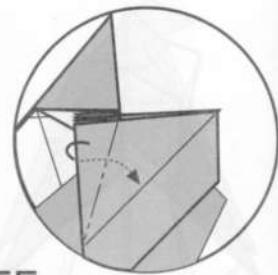
52、折り線のように畳んで5本の指を折る



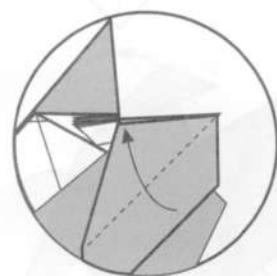
53、隙間を開く。



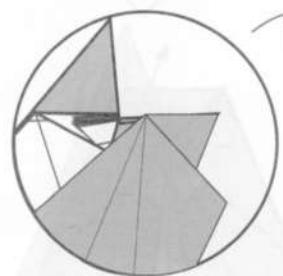
54



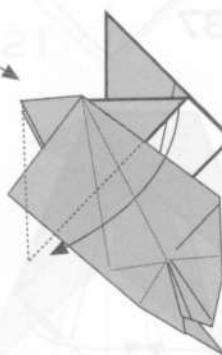
55、54でつけた折り線で背後の隙間に折り込む。



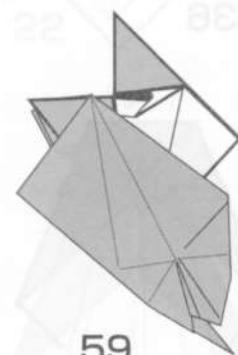
56、53で開いた隙間を元に戻す。



57



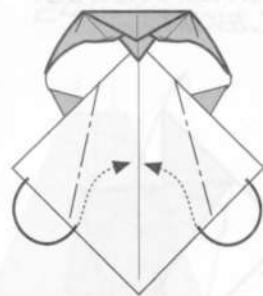
58、反対側も44から56と同様に折る。



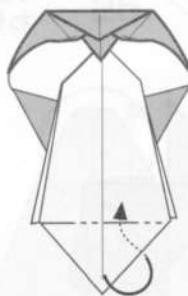
59



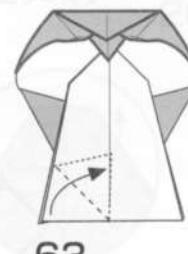
60、真ん中から左右に開く。



61、折り線に沿って、中わり折りする。



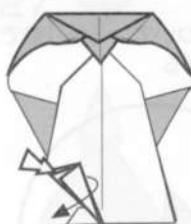
62、61で折り込んだ角を包むように折る。



63



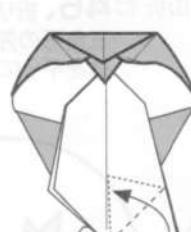
64



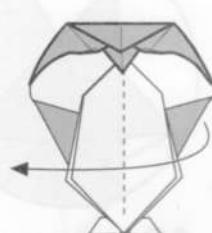
65、隙間を開いて、手前の段折りを外す。



66、ついている折り線で、背後の隙間折り込む。



67、反対側も63～66と同様に折る。



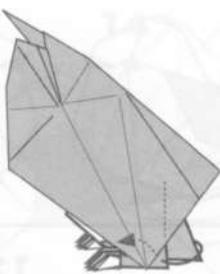
68、真ん中から折って左に倒す。



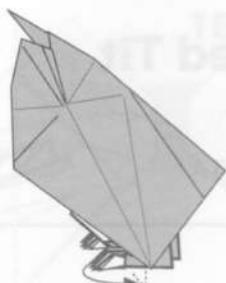
69、折り目を付ける。反対側も同じ。



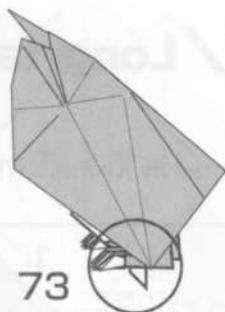
70、内側に折り込む。



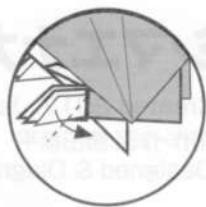
71、反対側も同様に折る。



72、一番内側の指を下に向けて伸ばす。



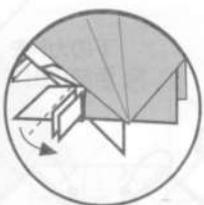
73



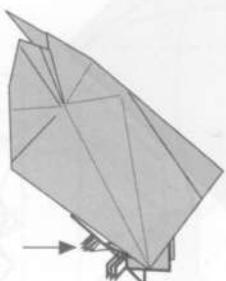
74、手前の指を下に向けて斜めにひねるように折る。



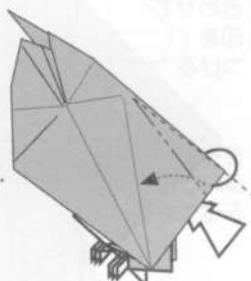
75、次の指を下に向けて斜めにひねるように折る。



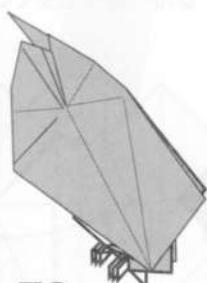
76、残った1本の指を下に向けて斜めにひねるように折る。



77、反対側の指も72~76と同様に折る。



78、後の隙間に指を入れて、腹(白い部分)を内側から膨らませる。背中の山折りを谷折りに変えて、折り線のように内側に折り込む。



79



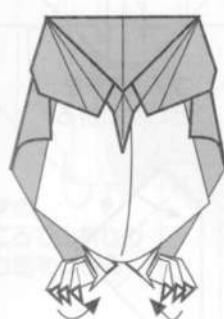
80、角を脇の隙間に差し込む。



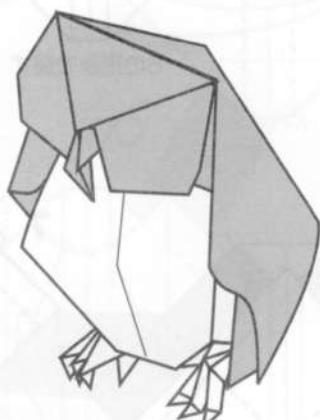
81、くちばしを下に折る。



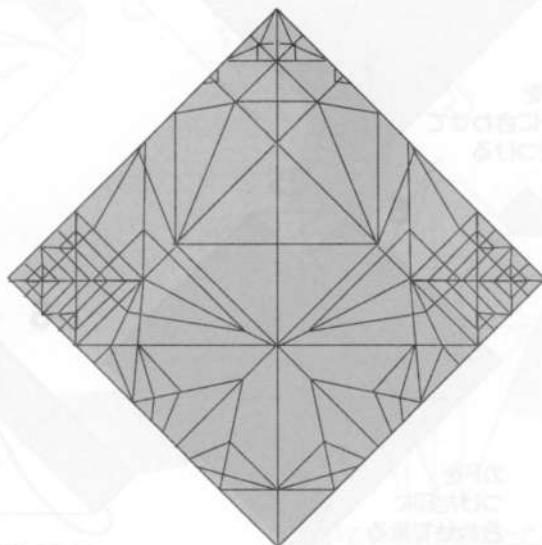
82、親指先を曲げる。



83、残りの3本の指先を折り曲げる。



84、できあがり。

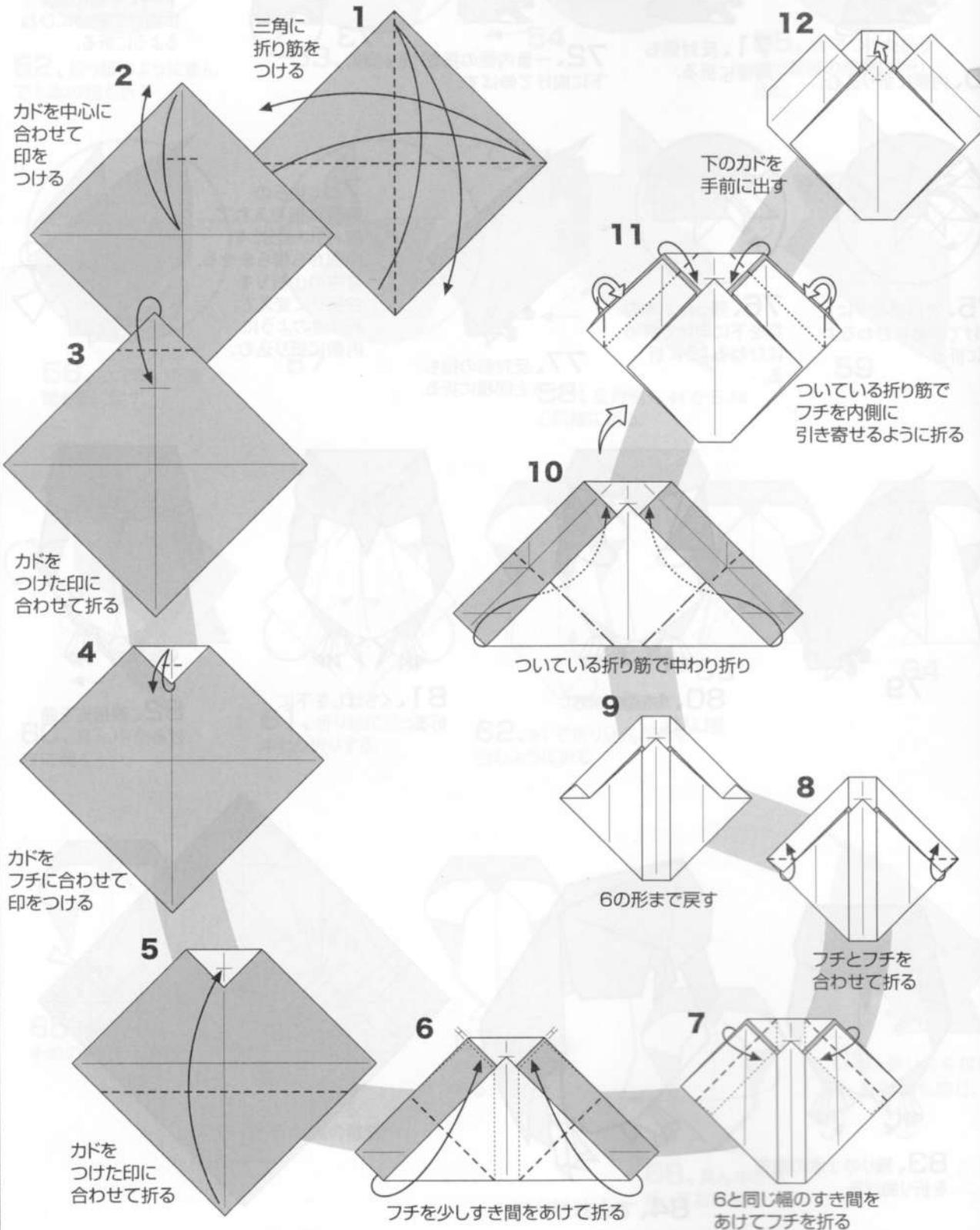
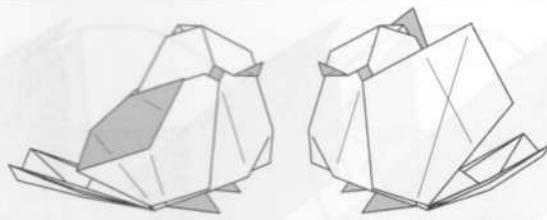


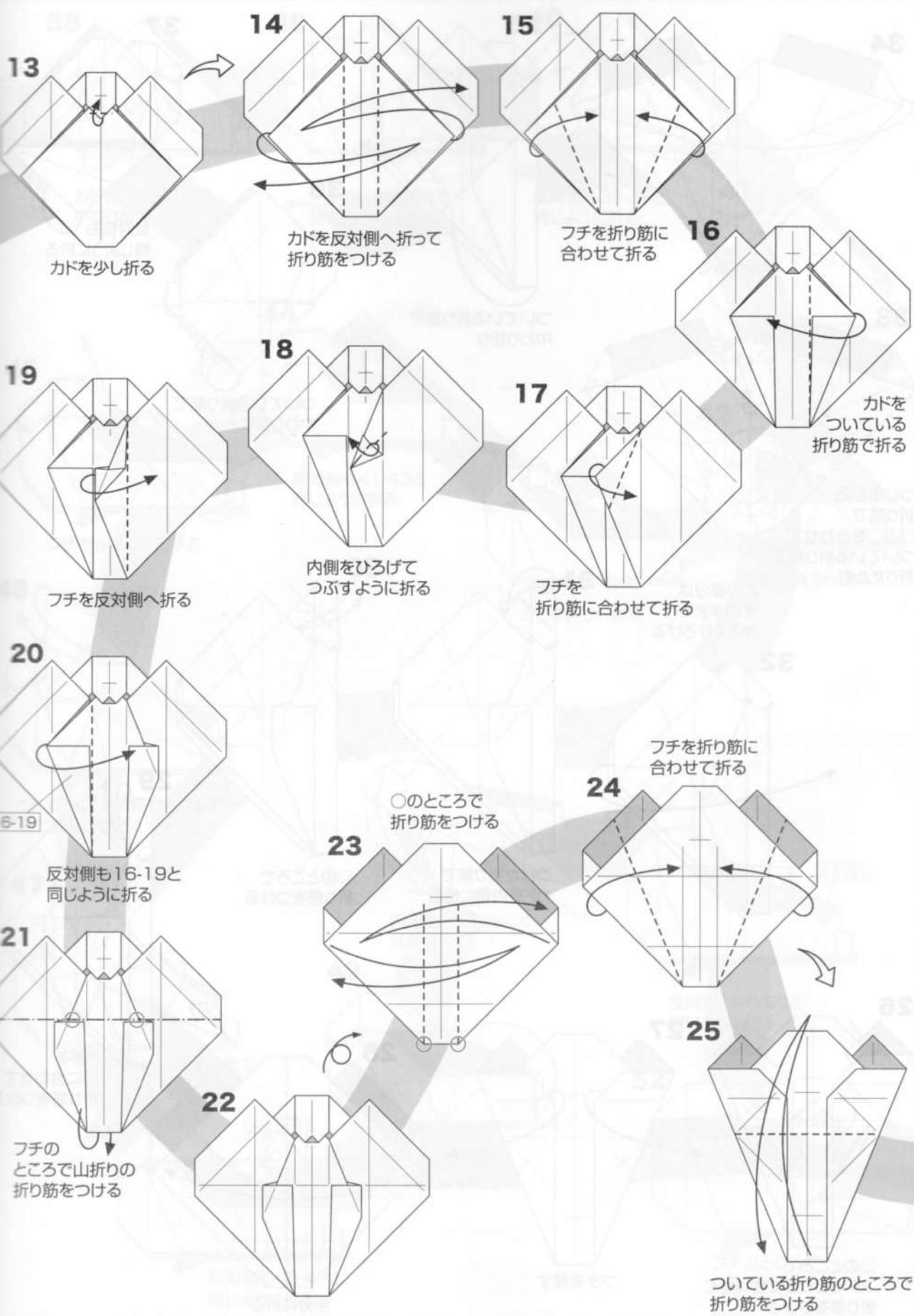
シマエナガ / Long-tailed Tit

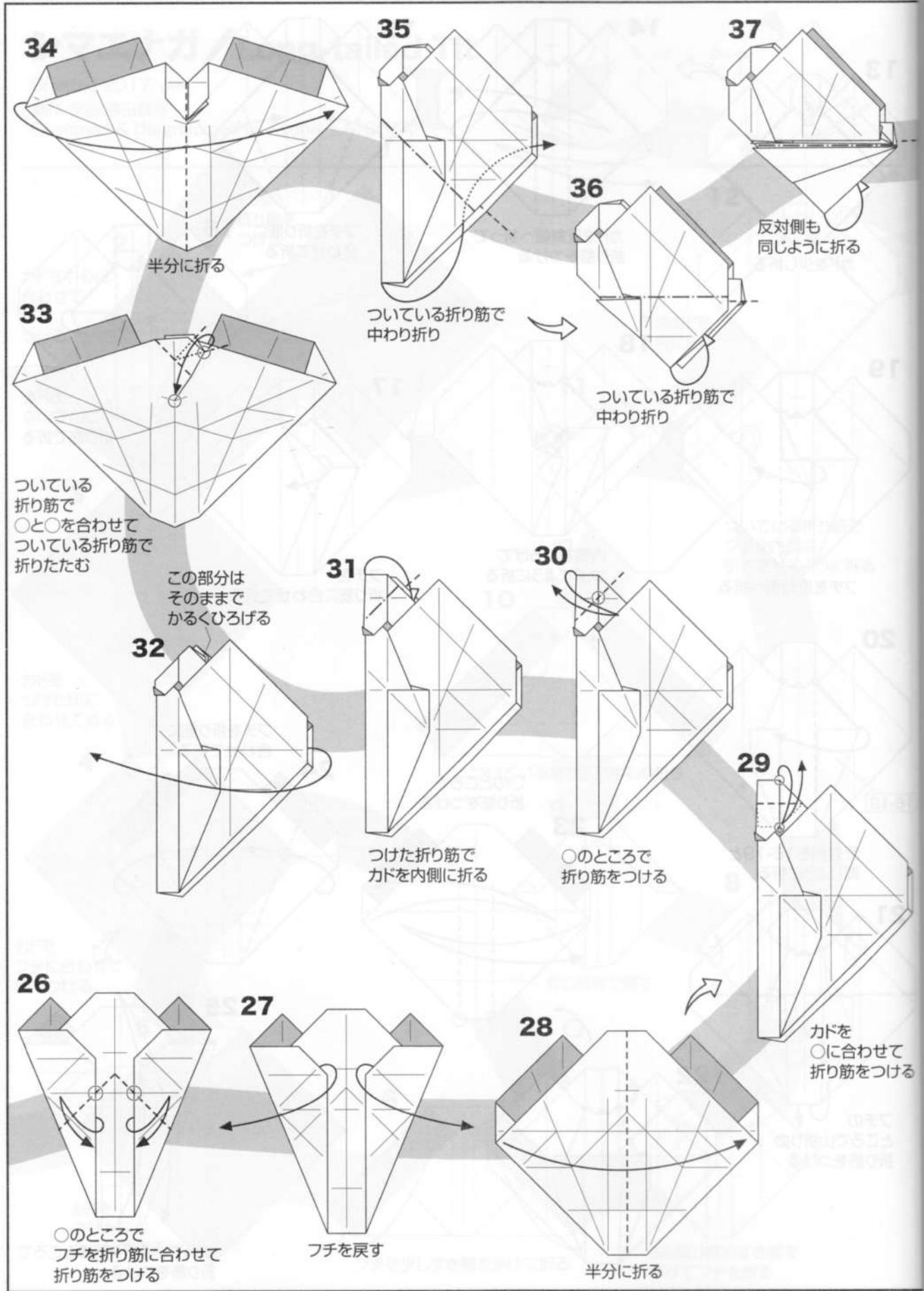
Created 2017. Jan.

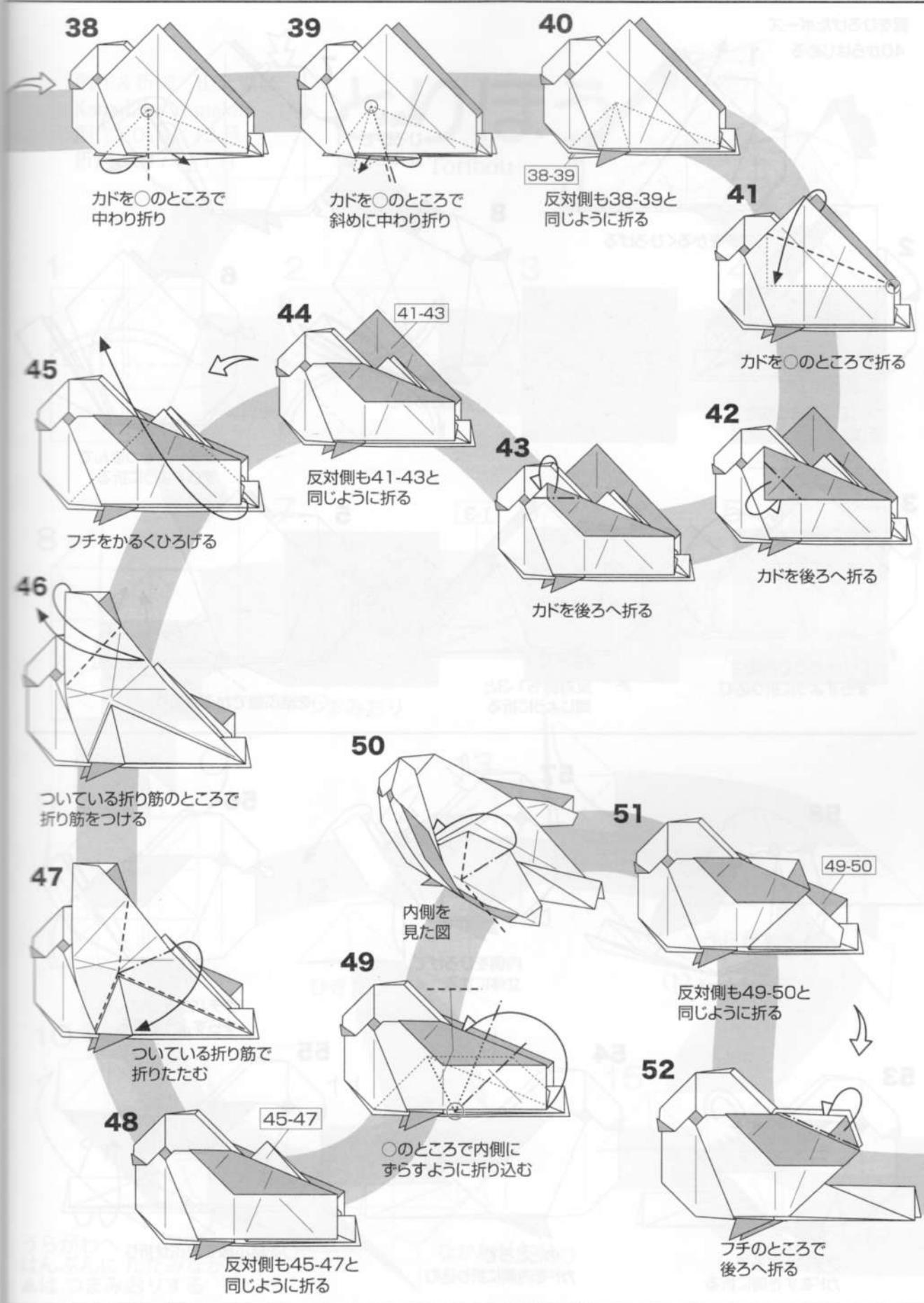
創作・作図: 勝田恭平

Designed & Diagrammed by Kyohei KATSUTA



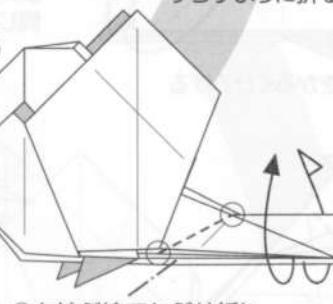
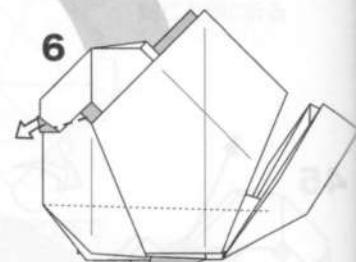
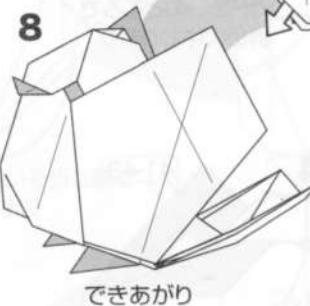
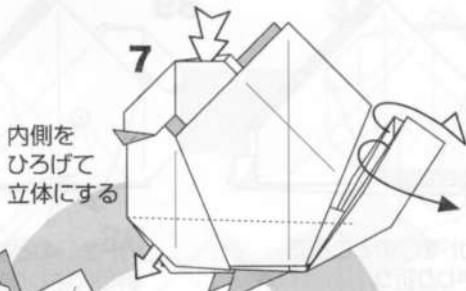
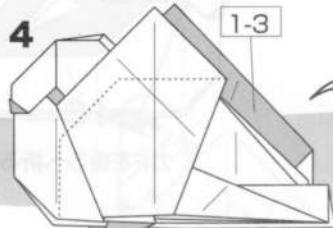
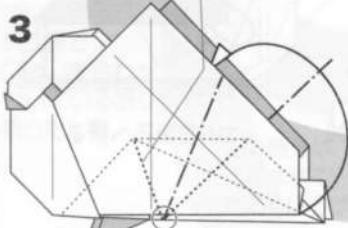
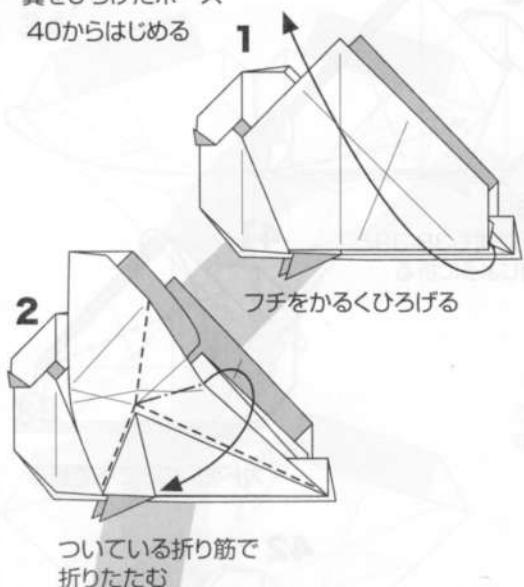






翼をひろげたポーズ

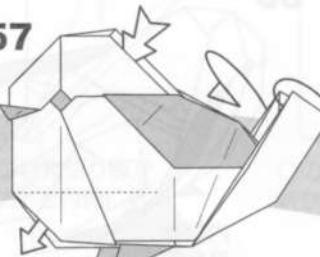
40からはじめる



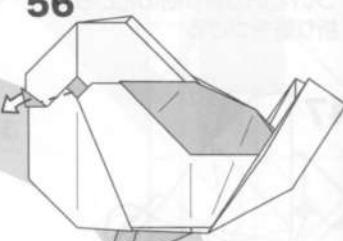
58



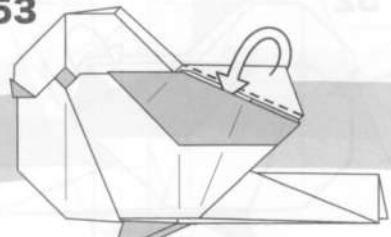
57



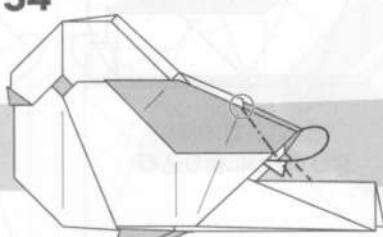
56



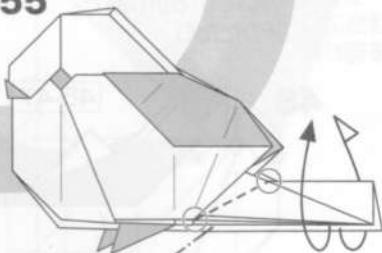
53



54



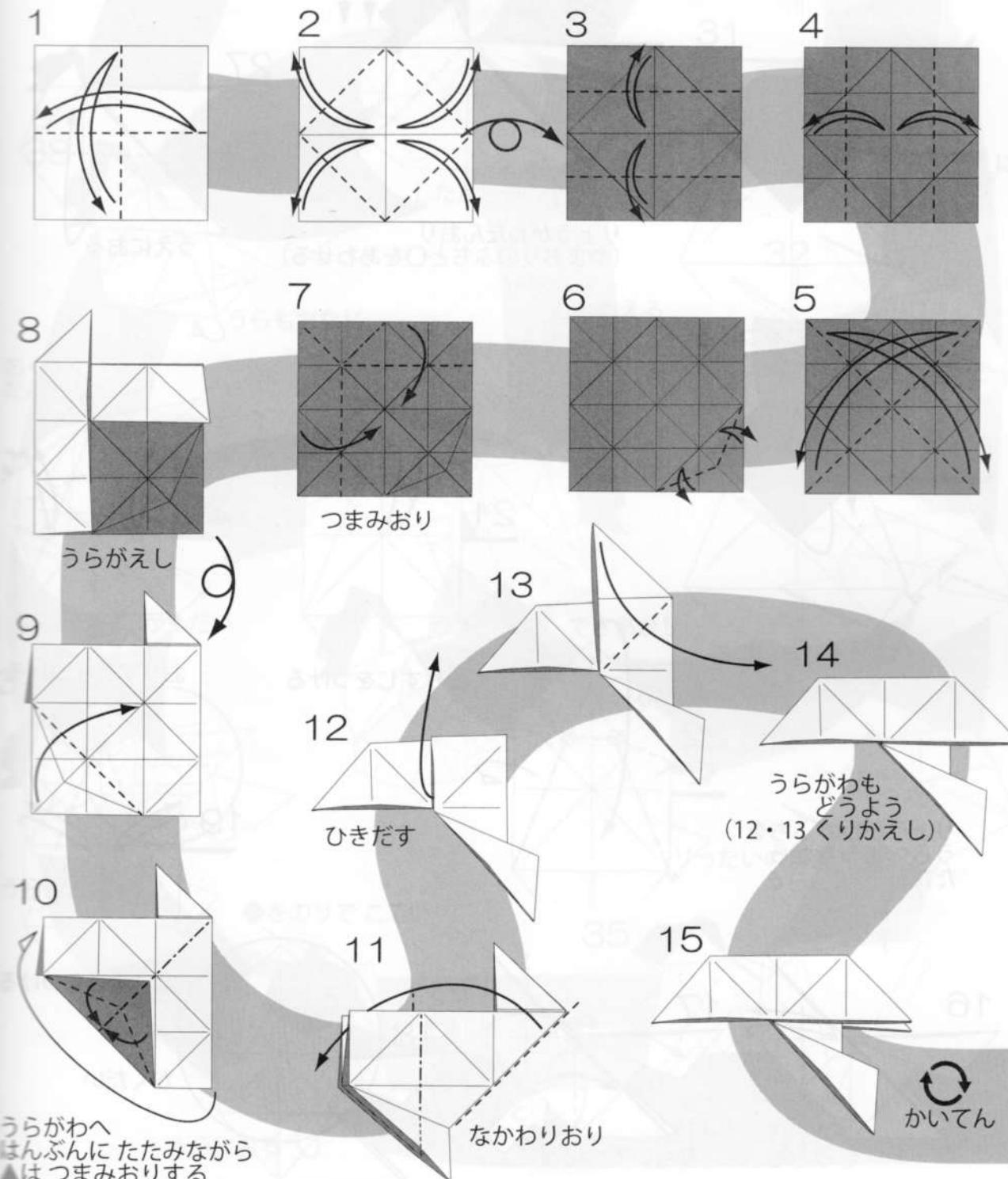
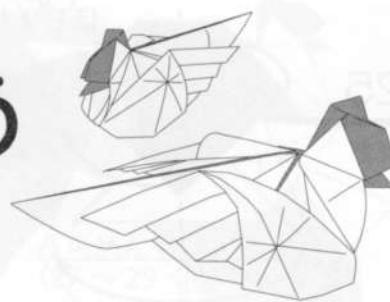
55

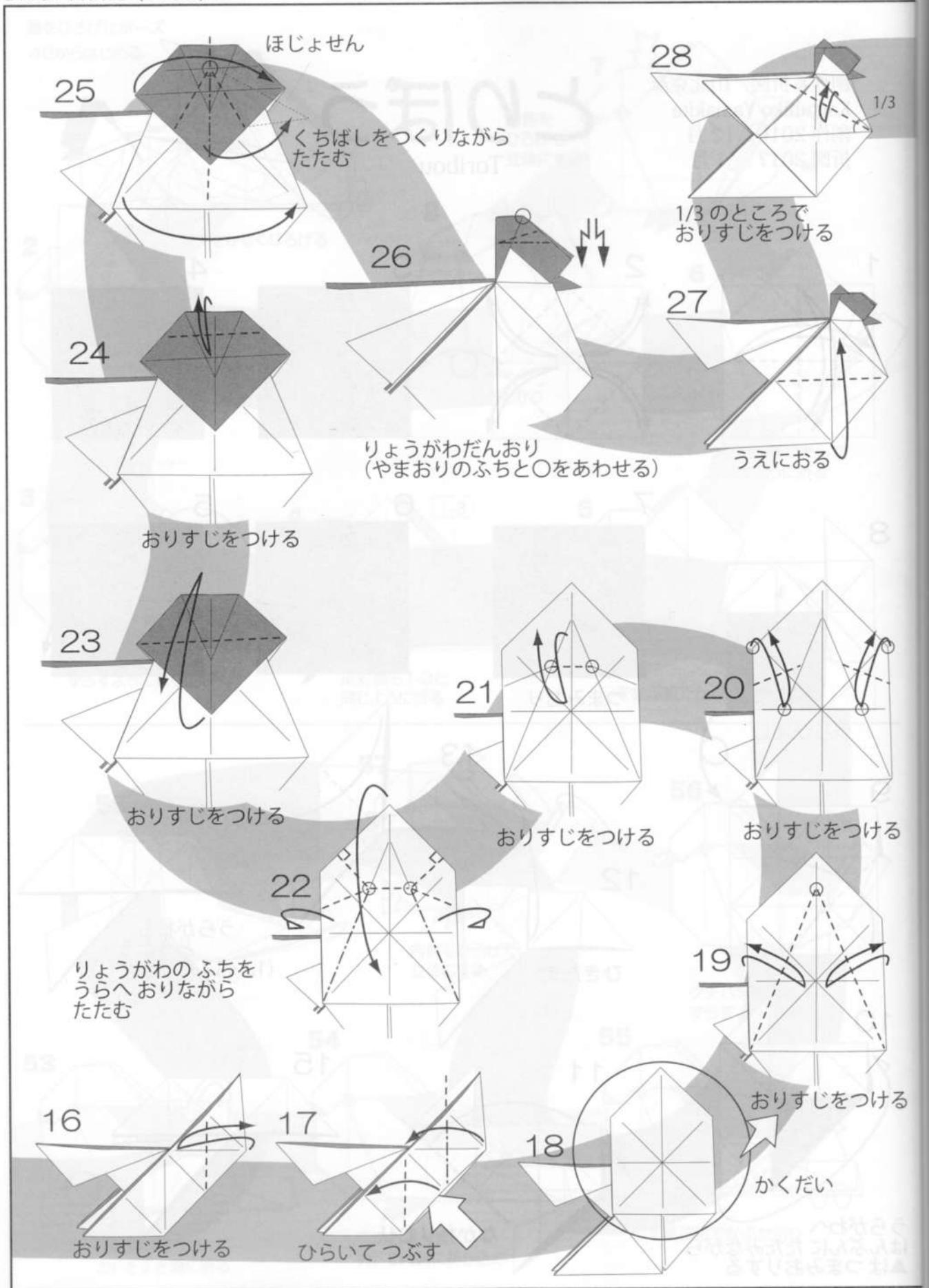


創作&折図 山北克彦
Katsuhiko Yamakita
創作 2016. 12月
折図 2017. 1月

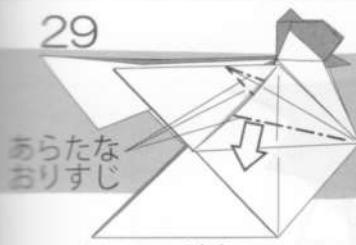
とりぼう

Toribou





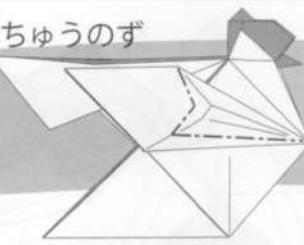
29



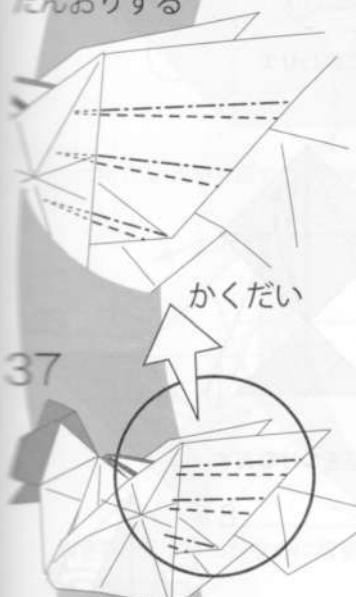
とちゅうのす

あらたな
おりすじ28でつけた
おりすじをつかい
ずらすようにおる

30

あらたなおりすじは
しぜんにきまるうらめんも どうよう
(27~29くりかえし)

38



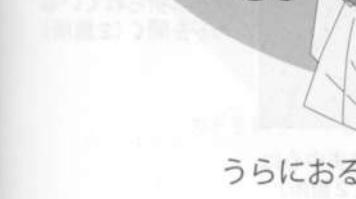
37



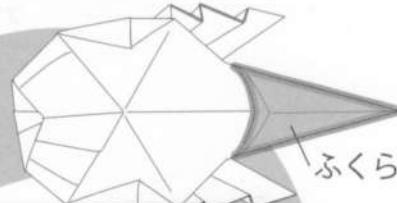
うらもおなじ

◆をのりでこてい

36



うらにある

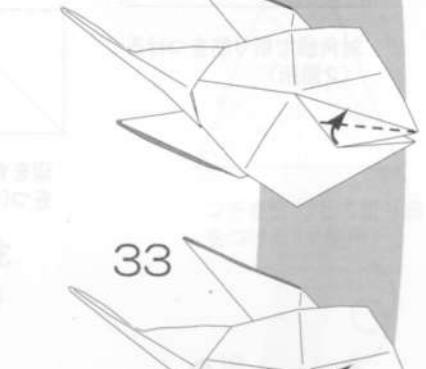


ふくらます

したからみたず

かたちを
ととのえるみぎうえに
おりあげ
りったい

32



33



34

りったいのまま
うらがえし

35

らすと
すぱーとくびもとをおり
しょうめんからみる

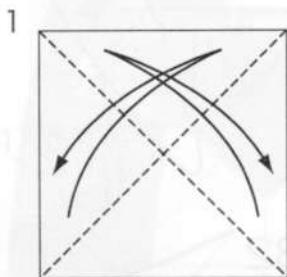
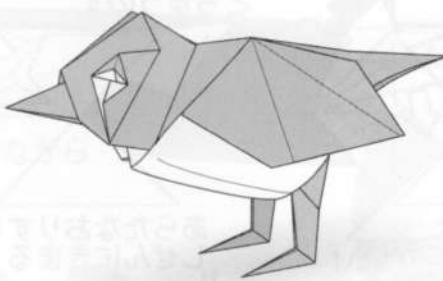
ルリビタキ

Flycatcher

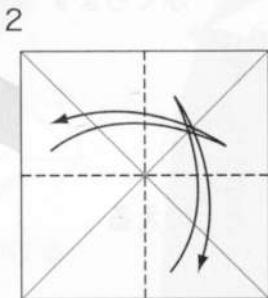
作／図 宮島 登

Models & Diagrams By Noboru MIYAJIMA

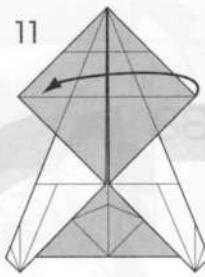
創作／2013年4月 作図／2013年9月



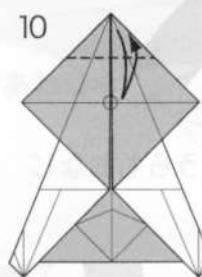
対角線で折り筋をつける
(2箇所)



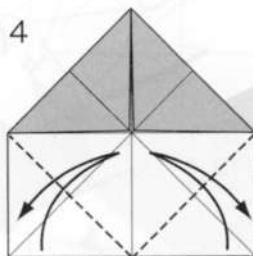
辺を合わせて折り筋をつける
(2箇所)



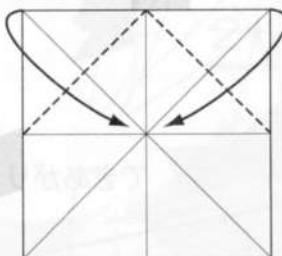
カドを左側へめくる



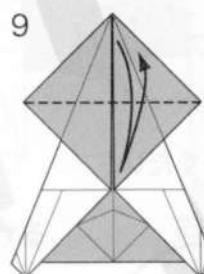
カドを○の交点に合わせて
折り筋をつける



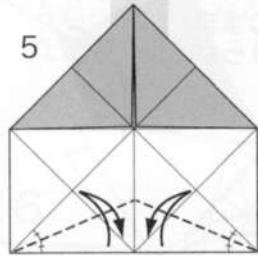
カドを中心にはわせて
折り筋をつける (2箇所)



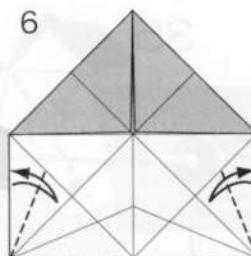
カドを中心にはわせて
折る (2箇所)



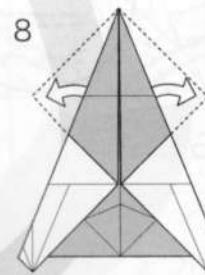
折り筋をつけなおす



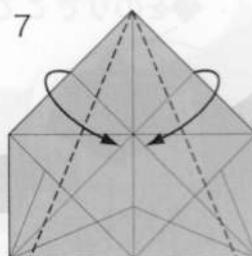
チチを対角線に合わせて
折り筋をつける (2箇所)



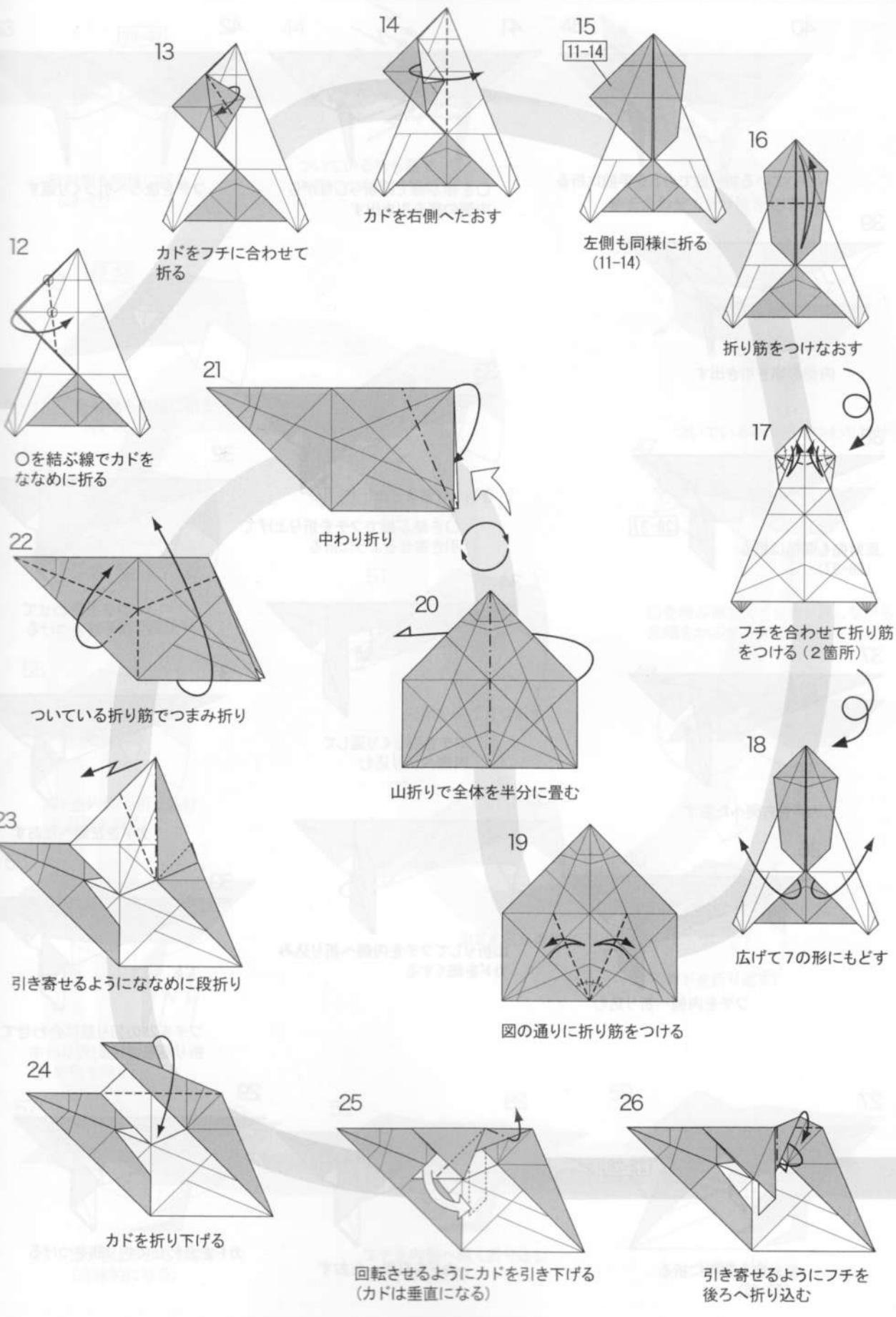
チチを対角線に合わせて
折り筋をつける (2箇所)



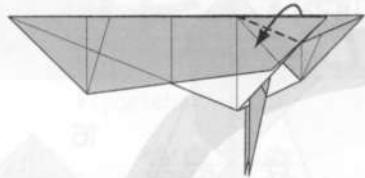
後ろに折られている
カドを開く (2箇所)



チチを重ねたまま中心に
合わせて折る (2箇所)

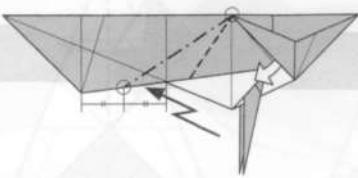


40



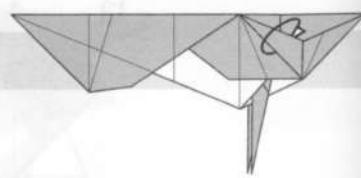
ついている折り筋でカドを手前に折る

41



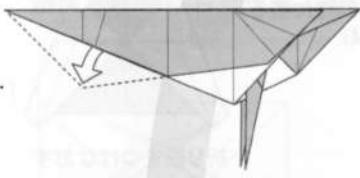
○を結ぶ線で段折りしながら
内側の紙を引き出す

42



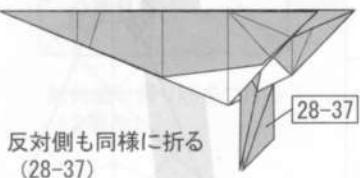
フチを後ろへ引っくり返す

39



内側の紙を引き出す

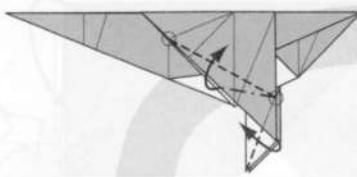
38



28-37

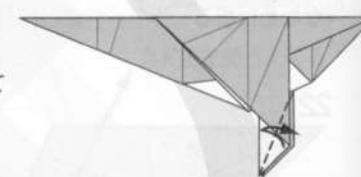
反対側も同様に折る
(28-37)

33



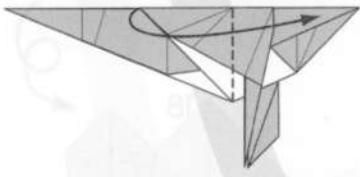
○を結ぶ線でフチを折り上げて
引き寄せるように折る

32



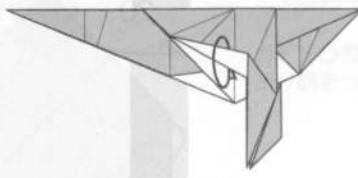
フチを合わせて
折り筋をつける

37



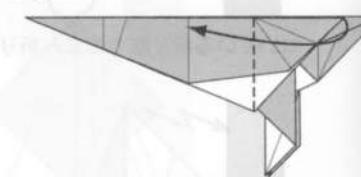
カドを右側へたおす

34



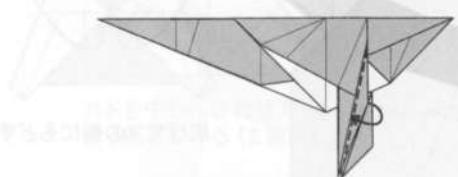
フチを引っくり返して
内側へ折り込む

31



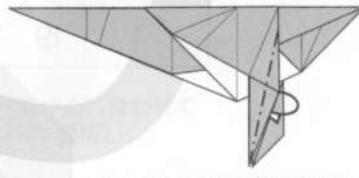
カドを左側へたおす

36



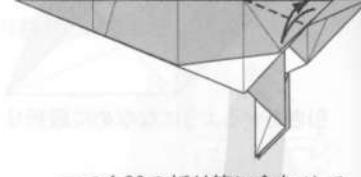
フチを内側へ折り込む

35



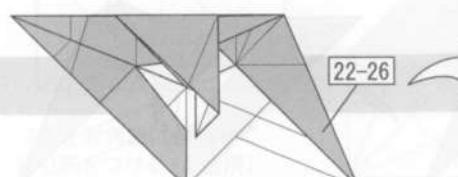
山折りしてフチを内側へ折り込み
カドを細くする

30



フチを29の折り筋に合わせて
折り筋をつける

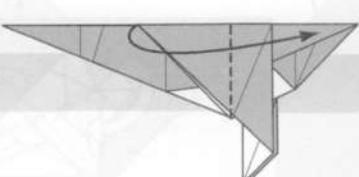
27



22-26

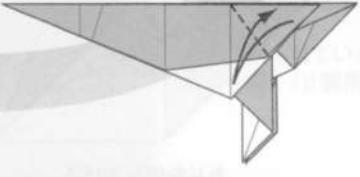
反対側も同様に折る
(22-26)

28

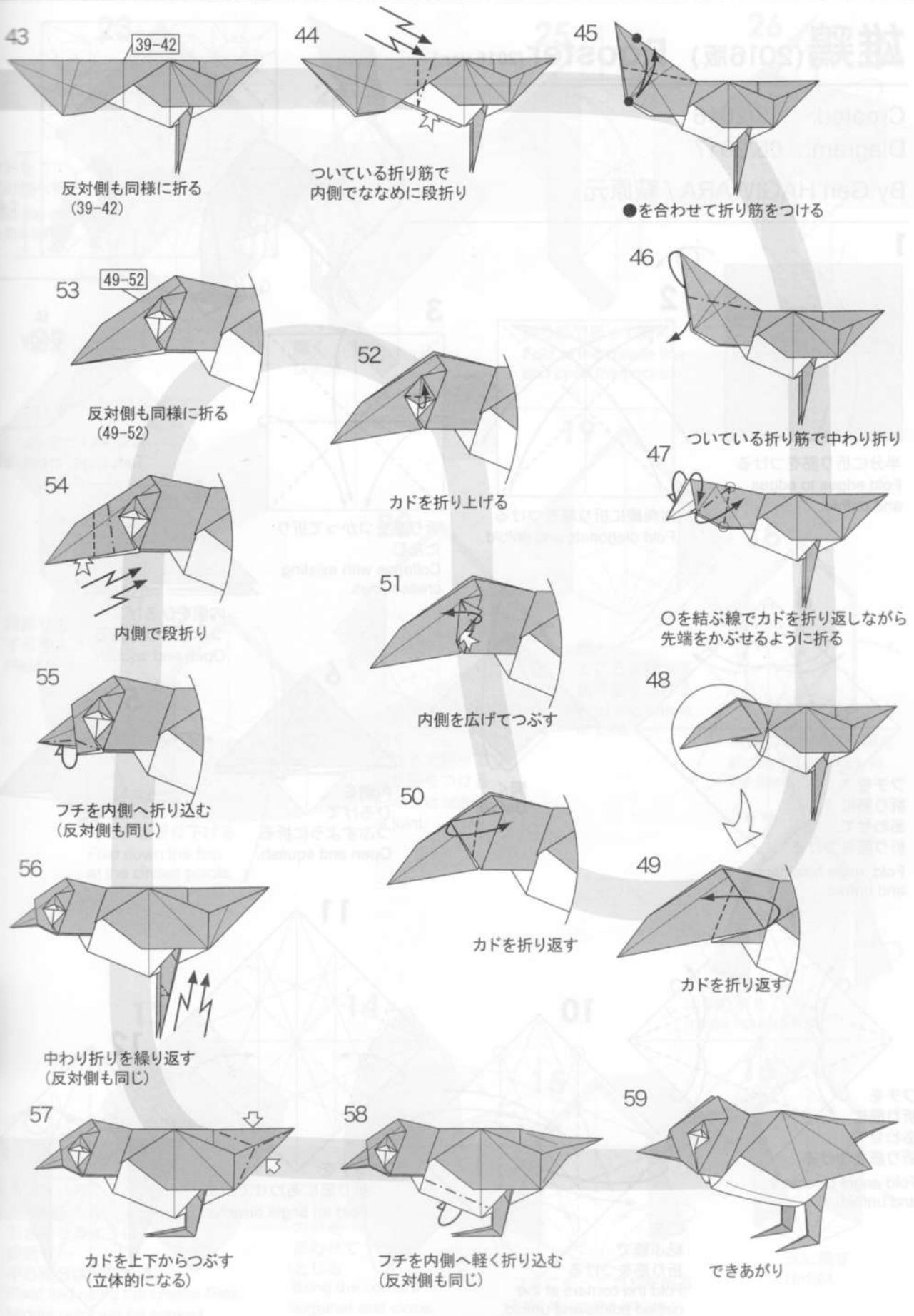


カドを右側へたおす

29



カドを合わせて折り筋をつける



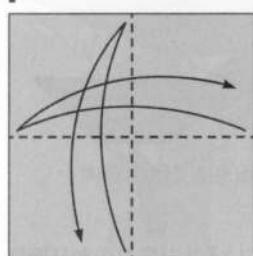
雄鶏(2016版) Rooster (2016 ver.)

Created: 12/2016

Diagram: 06/2017

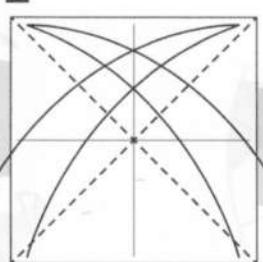
By Gen HAGIWARA / 萩原元

1



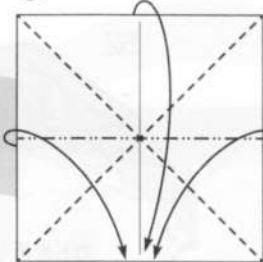
半分に折り筋をつける
Fold edges to edges and unfold.

2



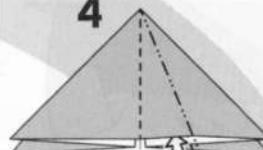
対角線に折り筋をつける
Fold diagonals and unfold.

3



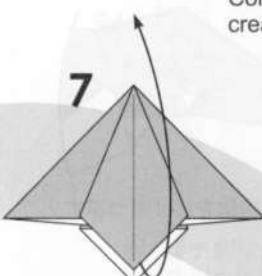
折り筋をつかって折りたたむ
Collapse with existing crease lines.

4



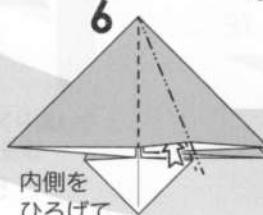
内側をひろげてつぶすように折る
Open and squash.

7



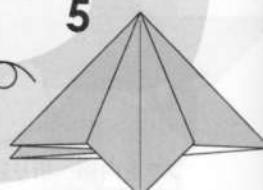
開く
Unfold.

6



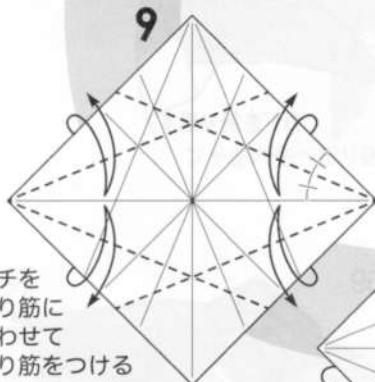
内側をひろげてつぶすように折る
Open and squash.

5



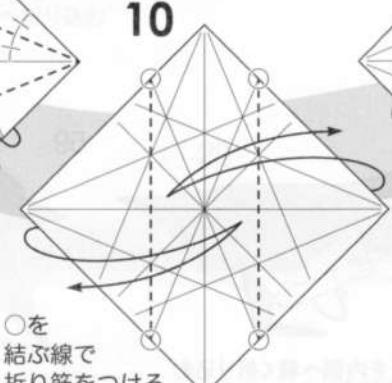
フチを折り筋にあわせて折り筋をつける
Fold angle bisectors and unfold.

9



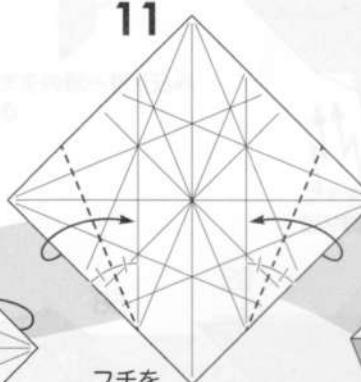
フチを折り筋にあわせて折り筋をつける
Fold angle bisectors and unfold.

10



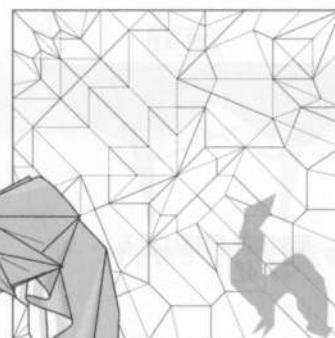
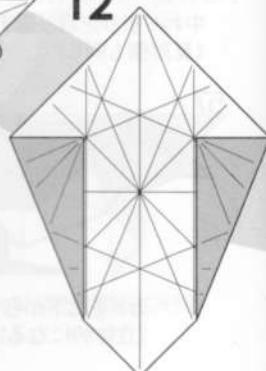
○を結ぶ線で折り筋をつける
Fold the corners at the circled points and unfold.

11



フチを折り筋にあわせて折る
Fold an angle bisector.

12

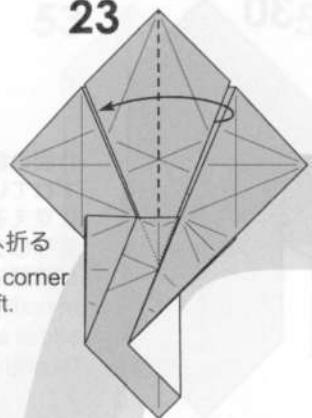


0.45

体
Body

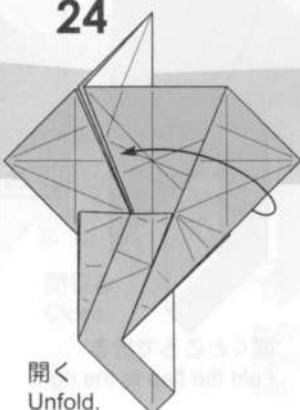
尾羽、脚、トサカ etc.
Tail, legs, crest, etc.

23



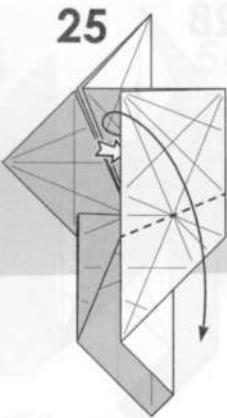
カドを
反対側へ折る
Fold the corner
to the left.

24



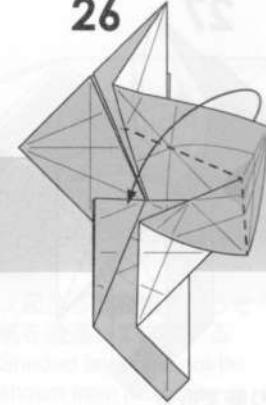
開く
Unfold.

25



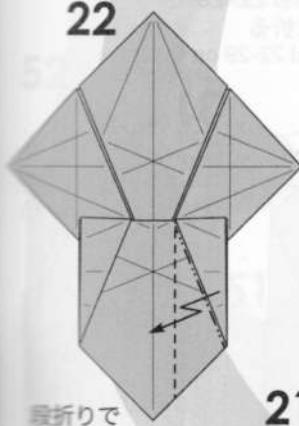
折り筋で折って開く
Fold at the crease line
and open the pocket.

26



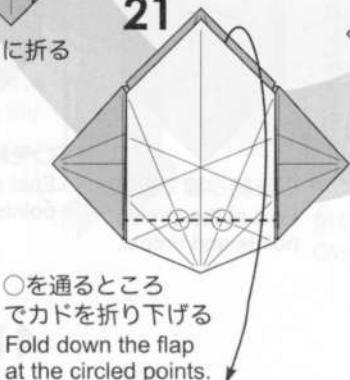
折り筋で折って閉じる
Fold along the crease
lines and close.

22



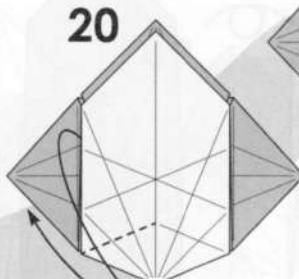
段折りで
ずらすように折る
Pleat fold.

21



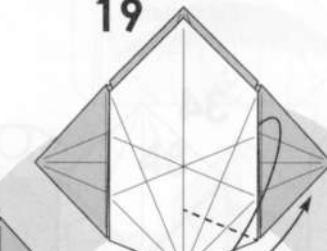
○を通るところ
でカドを折り下げる
Fold down the flap
at the circled points.

20



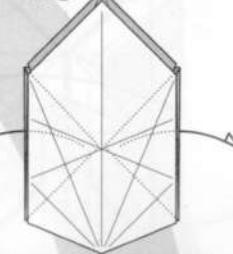
開く
ところで折って
折り筋をつける
Fold and unfold
at joint.

19



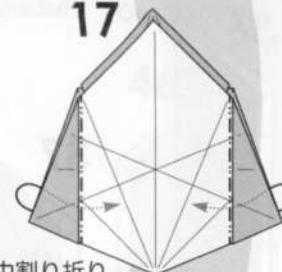
開く
ところで折って
折り筋をつける
Fold and unfold
at joint.

18



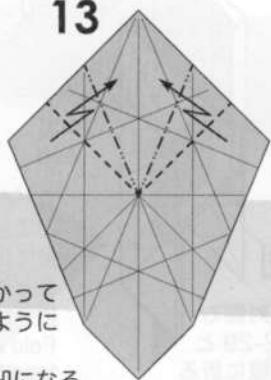
後ろにあるカドを開く
Unfold the corners at
the back.

17



中割り折り
Inside reverse fold.

13



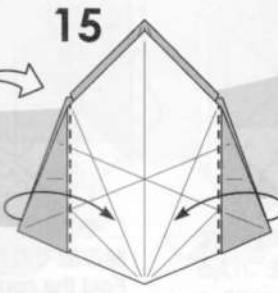
ついている
折り筋をつかって
引き寄せるように
段折り
中心部分は凹になる
Pleat fold using the crease lines.
Middle point will be sunken.

14



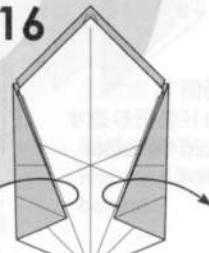
カドと
カドを
あわせて
とじる
Bring the corners
together and close.

15

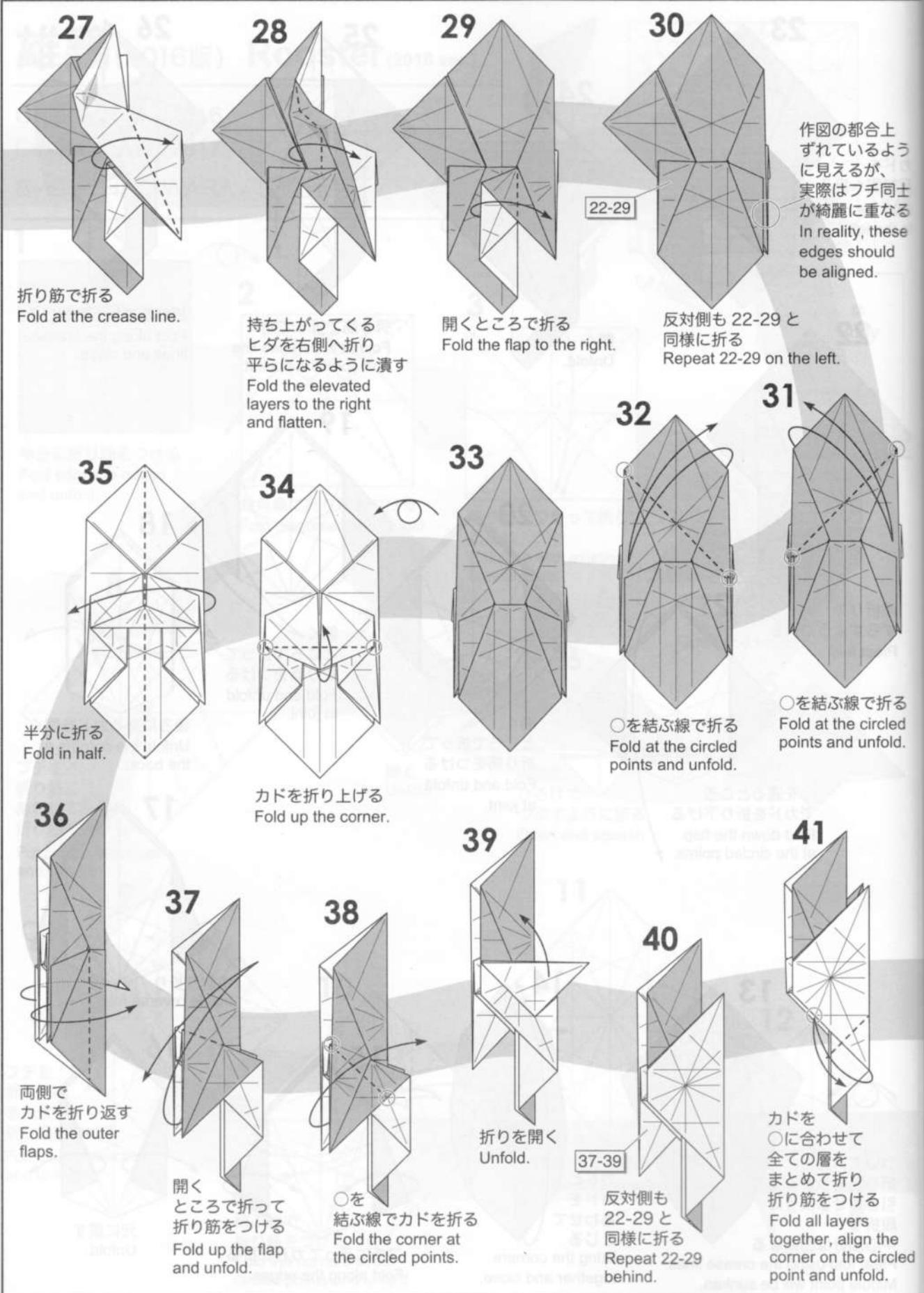


フチにそってカドを折る
Fold along the edges.

16

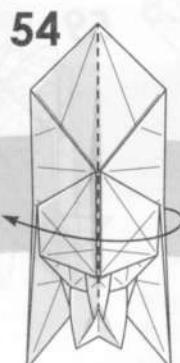


元に戻す
Unfold.

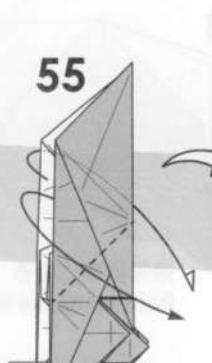




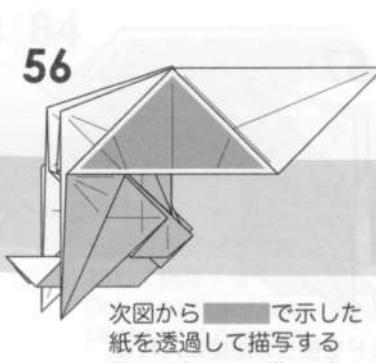
2つのカドをまとめて
折り下げる
Fold down two flaps
together.



閉じる
Close.



かぶせ折り
Outside reverse
fold.



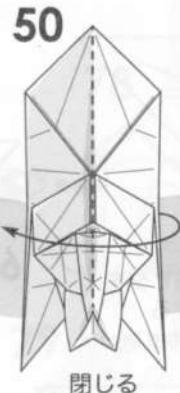
次図から ■ で示した
紙を透過して描寫する
Shaded layer will not be
shown from next step.



もう一度開く
Open again.



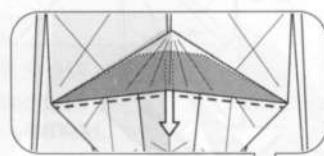
フチにそって
中割り折り
Inside reverse
fold along the
edge.



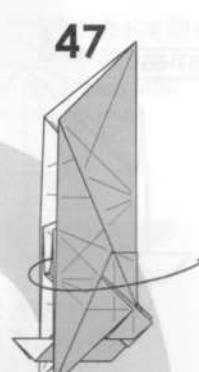
閉じる
Close.



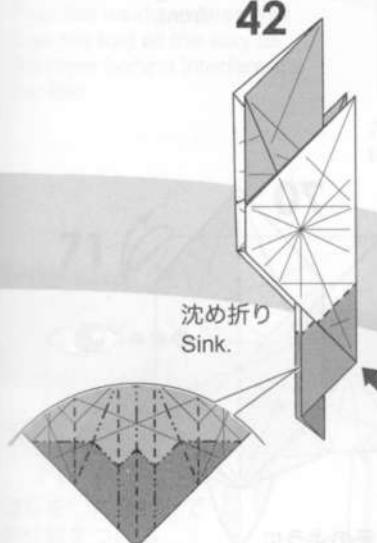
カドを折り上げる
Fold up the flap.



■ で示した
紙を引き出す
Unsink the shaded
paper.

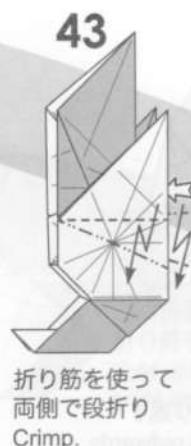


真ん中で開く
Open at middle.

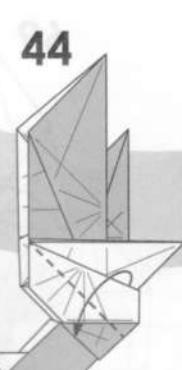


沈め折り
Sink.

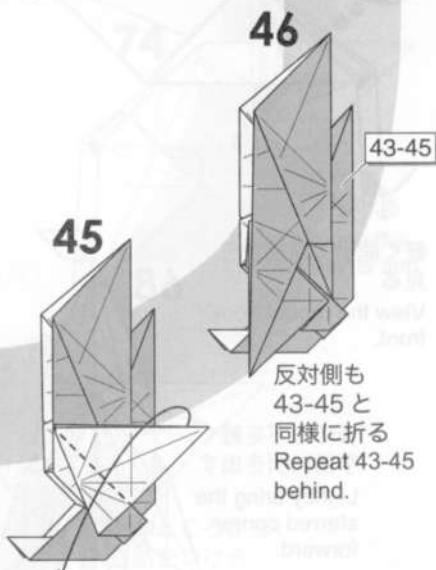
42 の展開図
Crease pattern of 42



折り筋を使って
両側で段折り
Crimp.



カドを折り返す
Fold down the flap.



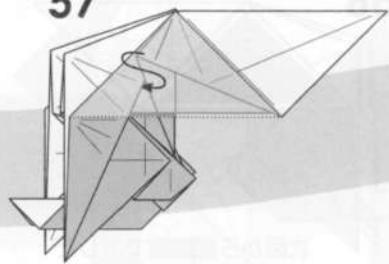
カドを折り返す
Fold down the flap.

43-45



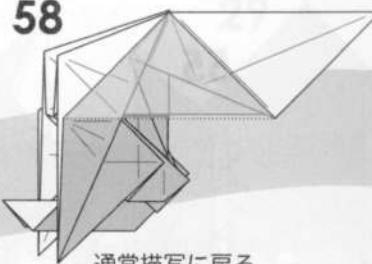
反対側も
43-45 と
同様に折る
Repeat 43-45
behind.

57



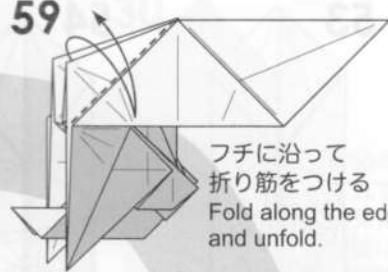
カドを後ろの隙間にに入る
Insert the corner
behind the next layer.

58



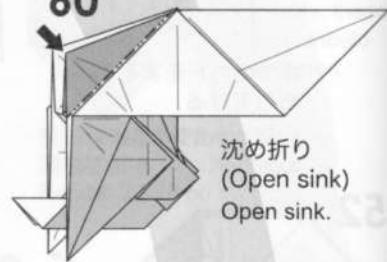
通常描写に戻る
Back to normal view.

59



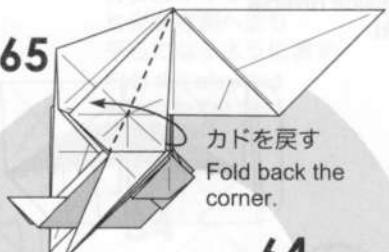
フチに沿って
折り筋をつける
Fold along the edge
and unfold.

60



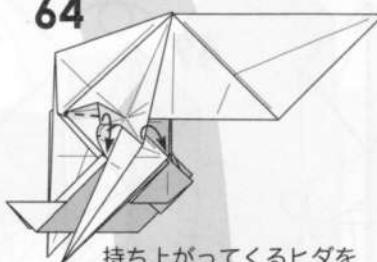
沈め折り
(Open sink)
Open sink.

65



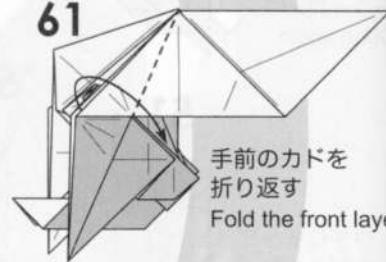
カドを戻す
Fold back the
corner.

64



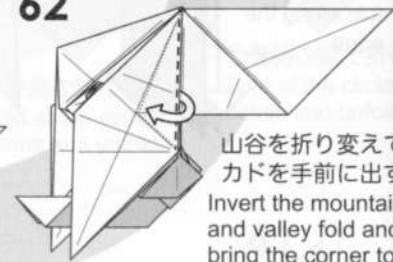
持ち上がりてくるヒダを
つぶして平らにする
Squash the elevated layers.

61



手前のカドを
折り返す
Fold the front layer.

62



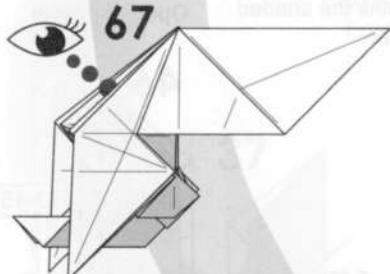
山谷を折り変えて
カドを手前に出す
Invert the mountain
and valley fold and
bring the corner to
front.

66



反対側も 56-65 と
同様に折る
Repeat 56-65 behind.

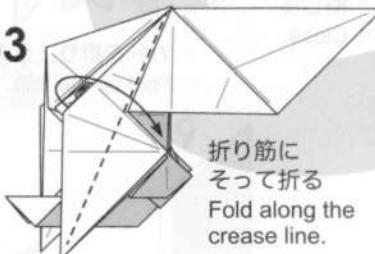
67



軽く開いて前側から
見る

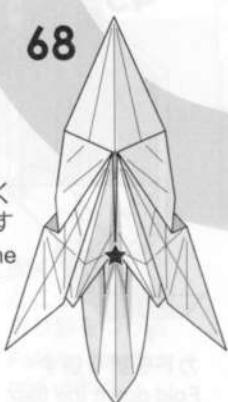
View the model from
front.

63



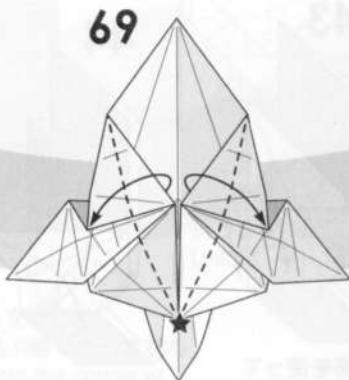
折り筋に
そって折る
Fold along the
crease line.

68



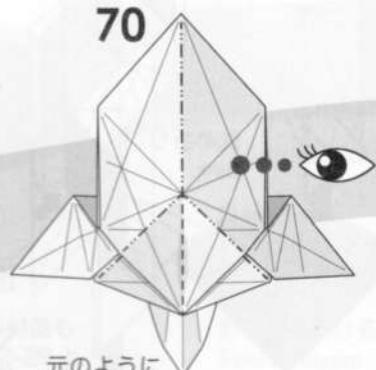
★のカドを軽く
手前に引き出す
Lightly bring the
starred corner
forward.

69

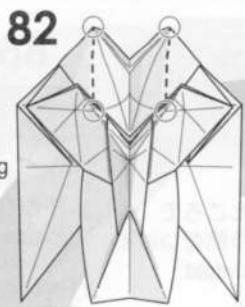


カドを外側に折り返す
Fold the corners outwards.

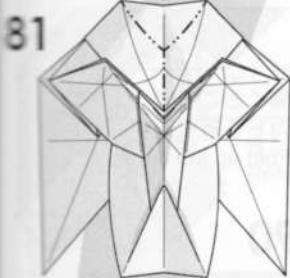
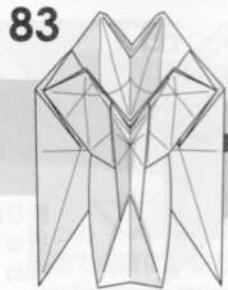
70



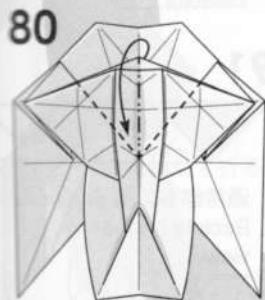
元のように
平らに閉じて横から見る
Flatten and back to original
view.



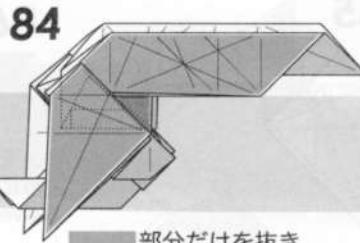
○と○を結ぶ
ように谷折り
Valley fold along
the line connecting
the circled points.



折り筋に沿って山折り
して上のフチを凹ませる
Mountain fold along the
crease lines and push
down the upper edge.



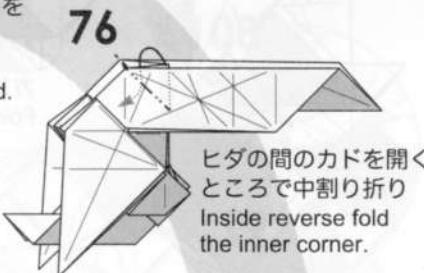
折り筋をつかって
中割り折りのようにつる
後ろの紙が干渉して完全に
折ることはできない
Fold like inside reverse fold.
Can not fold all the way as
the layer behind interfere
the fold.



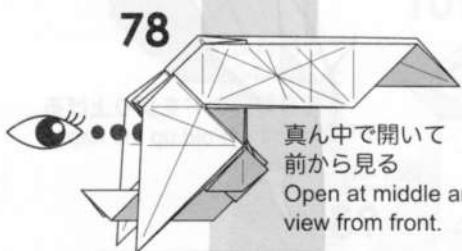
部分だけを抜き
出して描寫する
Only the shaded layers will
be shown in next step.



折ったカドを
元に戻す
Unfold the
reverse fold.



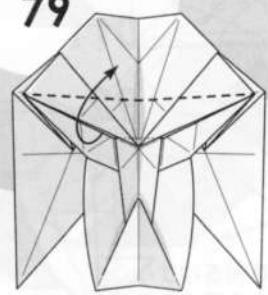
ヒダの間のカドを開く
ところで中割り折り
Inside reverse fold
the inner corner.



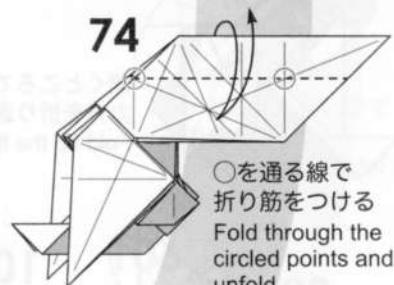
真ん中で開いて
前から見る
Open at middle and
view from front.



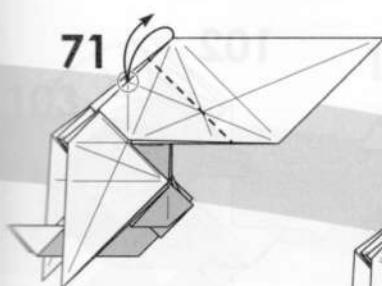
沈め折り
(Open sink)
Open sink.



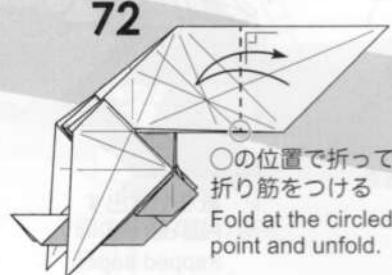
カドを2つとも折り上げる
Fold up the two flaps together.



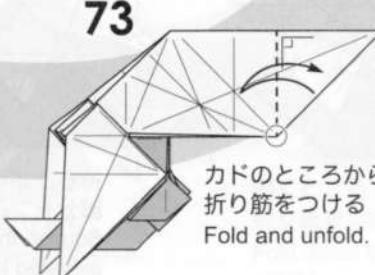
○を通る線で
折り筋をつける
Fold through the
circled points and
unfold.



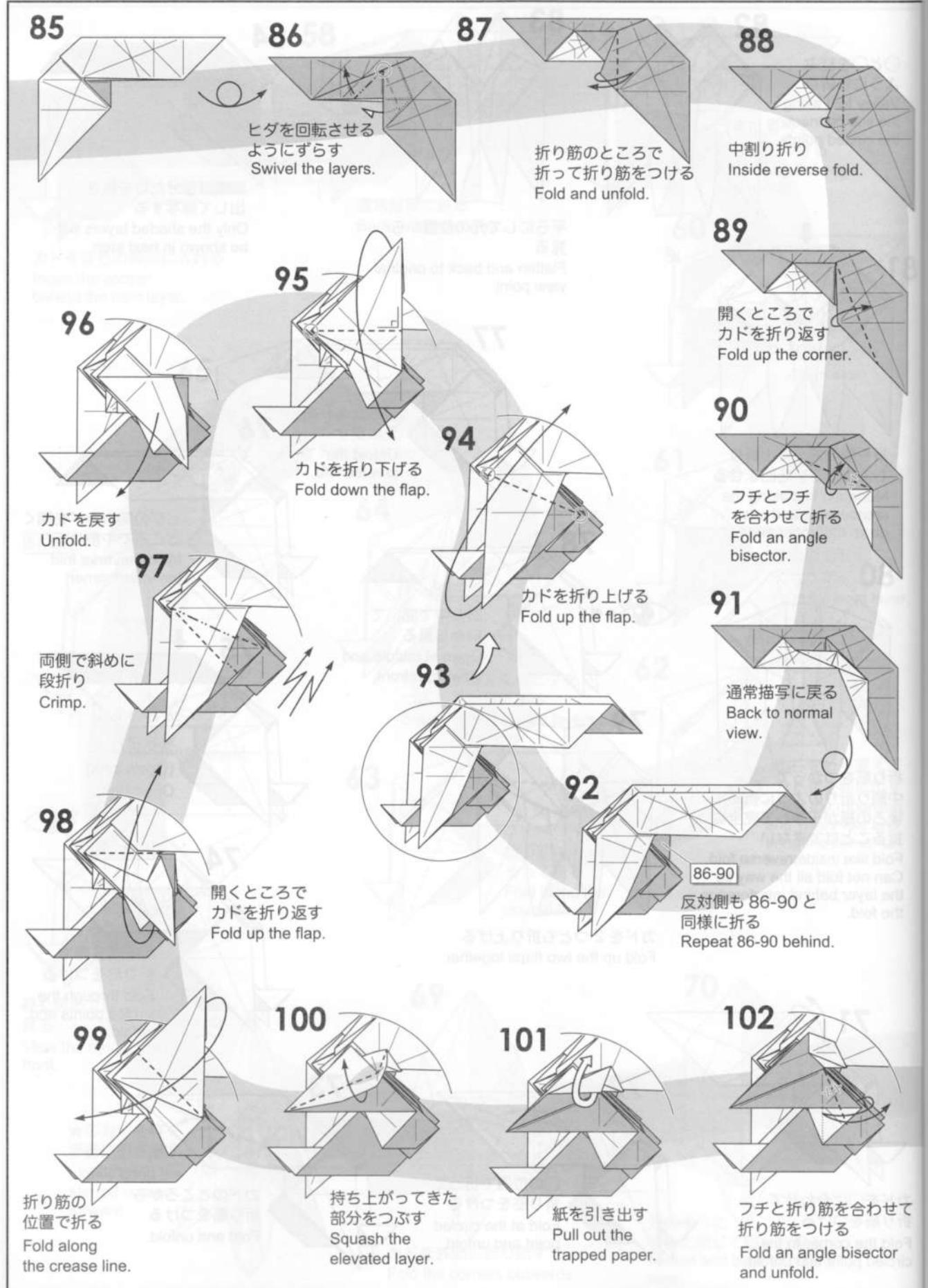
カドを○に合わせて
折り筋をつける
Fold the corner to the
circled point and unfold.



○の位置で折って
折り筋をつける
Fold at the circled
point and unfold.



カドのところから
折り筋をつける
Fold and unfold.



114

2つの隙間で同時に中割り折り
Double inside reverse fold.

115

2つの隙間で同時に中割り折り
Double inside reverse fold

116

2つの隙間で同時に
中割り折り
Double inside reverse
fold

113

元に戻す
Unfold.

114から116の
展開図
Crease pattern for
step 114 to 116.

112

フチとフチを合わせて折る
Fold an angle bisector

111

ついている
折り筋のところで全ての
層をまとめて折る
Fold along the crease line.

109

反対側も
94-108と
同様に折る
Repeat 94-108
behind.

94-108

108

引き寄せるように
折って閉じる
Fold like swivel fold
and close.

107

フチとフチを合わせて
途中まで折る
Fold an angle bisector.
Fold only half way.

110

ついている折り筋のところ
で全ての層をまとめて折る
Fold along the crease line.

103

後ろ側へ
引き寄せ折り
Swivel inside.

104

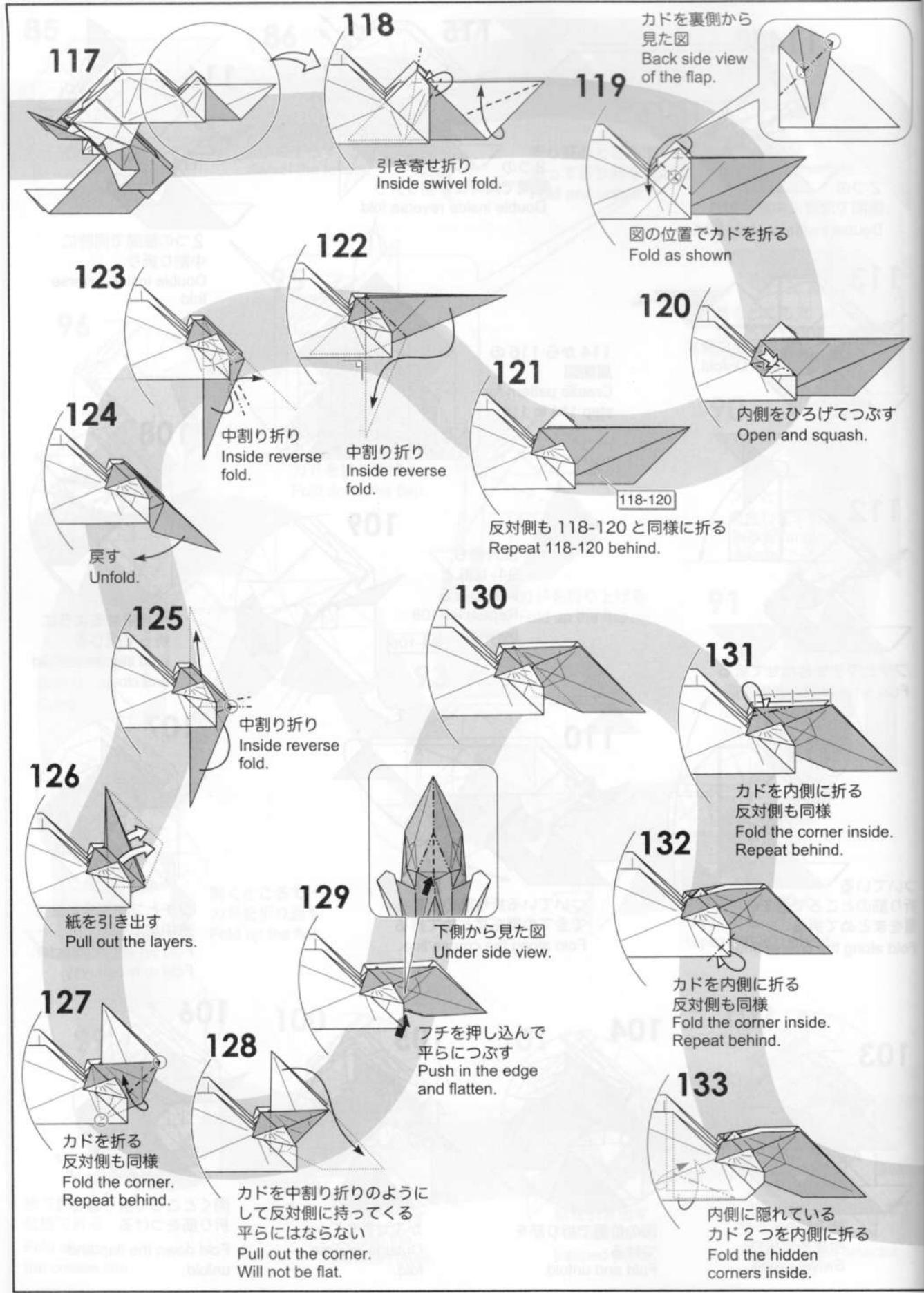
図の位置で折り筋を
つける
Fold and unfold.

105

かぶせ折り
Outside reverse
fold.

106

開くところで折り返して
折り筋をつける
Fold down the flap and
unfold.



145

中割り折り
Inside reverse fold.

144

重なっている
内側のカドだけ
後ろに折る
Mountain fold
only the inner layer.

143

フチを折り筋に
合わせて折る
Fold an angle
bisector.

142

内側から
紙を引き出す
Pull out the
inner layer.

146

ヒダをずらす
ように折る
Swivel the layer.

147

137-146
反対側も
137-146と
同様に折る
Repeat 137-146 behind.

141

内側に
引き寄せ折り
Inside swivel
fold.

149

カドをゆるく
かぶせ折り
Lightly outside
reverse fold.

148

斜めに段折り
反対側も同様
Pleat fold.
Repeat behind.

139

内側に
引き寄せ折り
Swivel inside

138

カドを折る
Fold the corner.

134

フチを曲げる
Curve the edge.

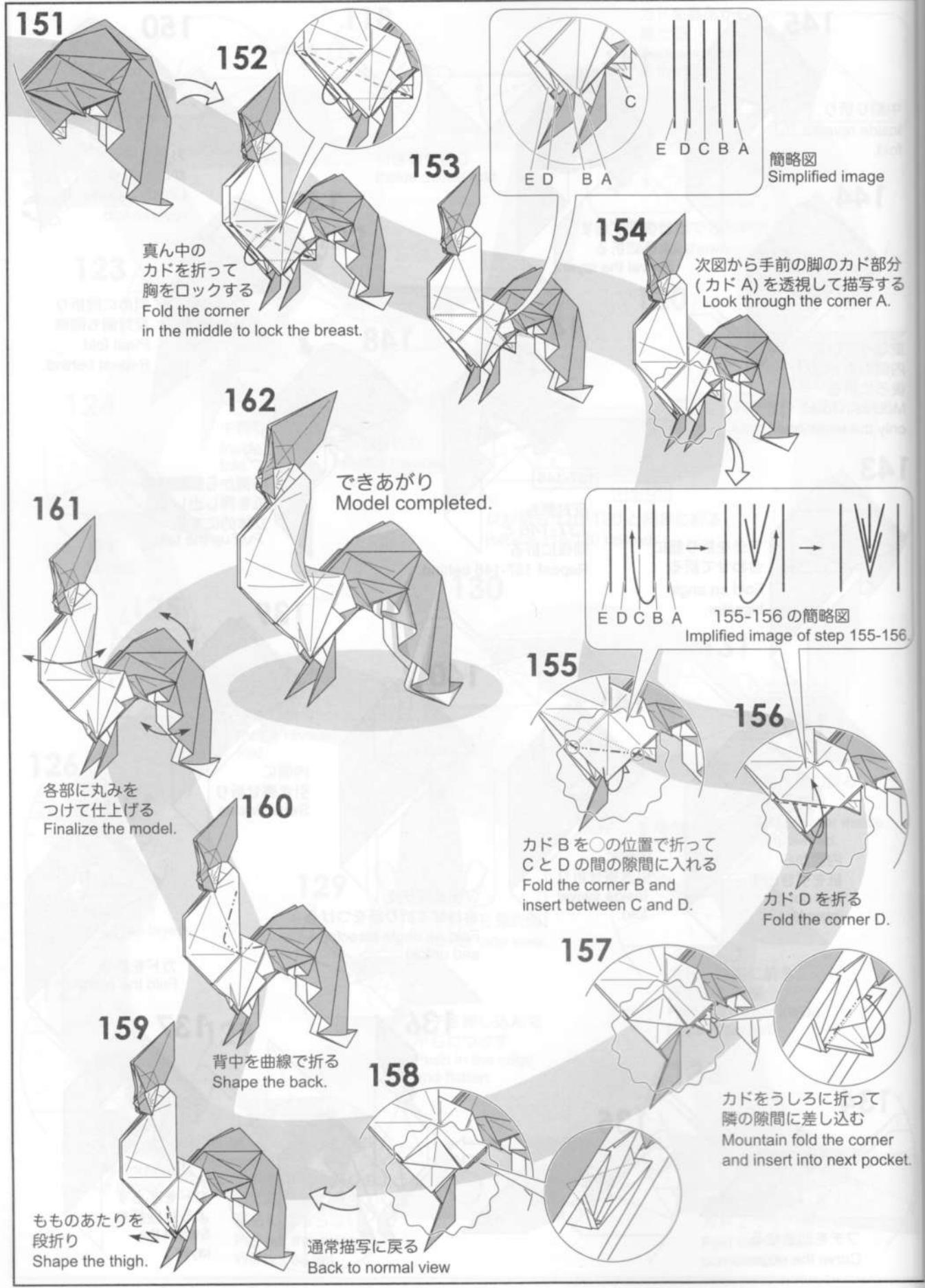
135

137

カドをずらす
ように段折り
Swivel the layer.

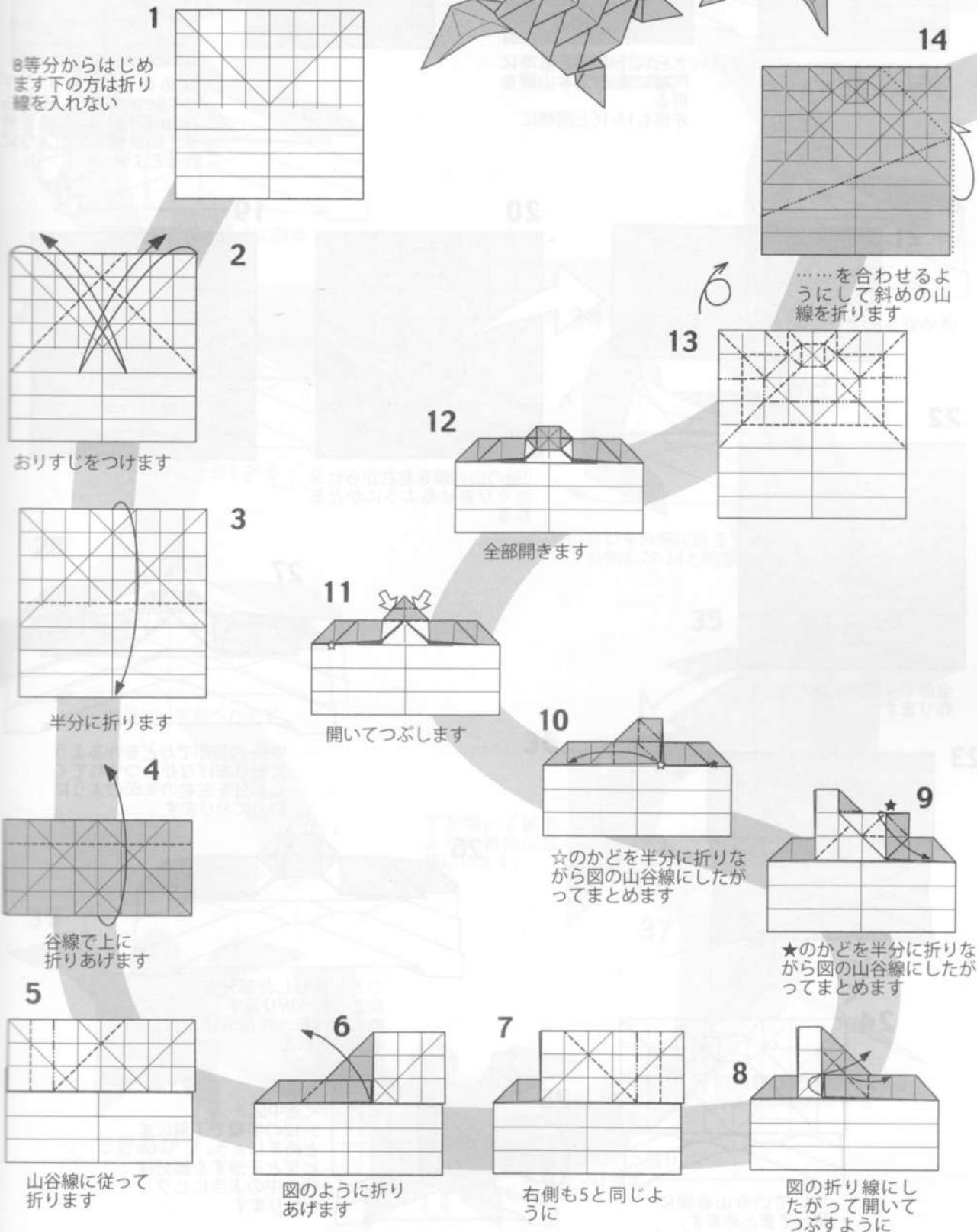
136

フチとフチを
合わせて折り筋をつける
Fold an angle bisector
and unfold.

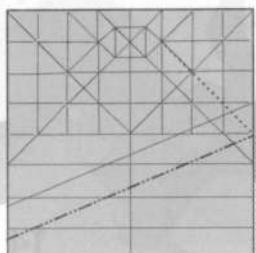


ウミガメ 創作・作図 西川誠司

Sea Turtle by Seiji Nishikawa
Diagram: 2017.06.
Create: 2012.11.

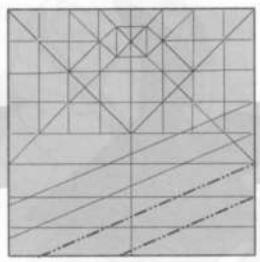


15



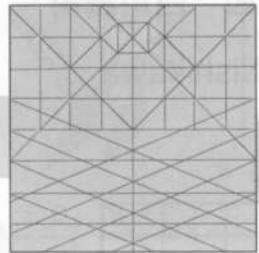
1ます下を基準に14と
同様に山線を折る

16

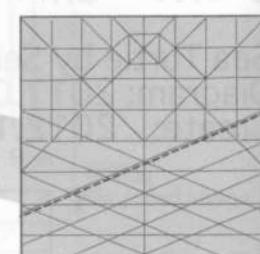


さらに下の線を基準に
同様にあと2本山線を
折る
左側も14-16と同様に

17

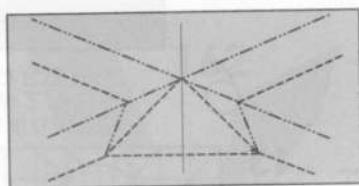


18



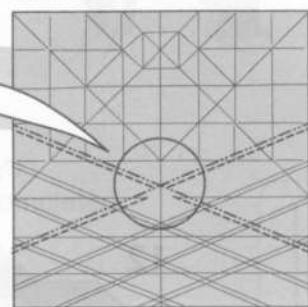
斜めの山線のすぐ下
(15cmの折り紙なら
2mm程度)に谷線を折
る。山線をつまむように
折るとよい

21

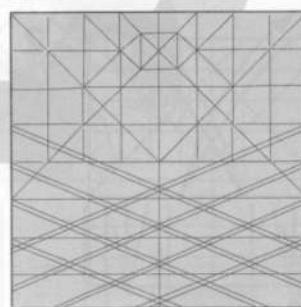


<拡大図>
あまり気にせずに!

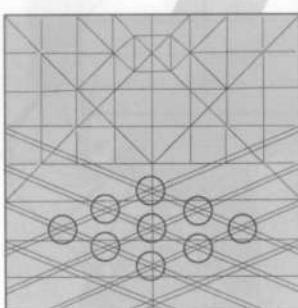
20



19

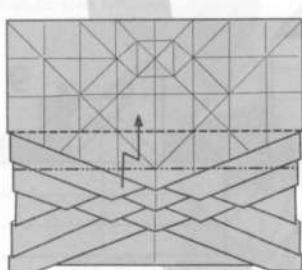


22

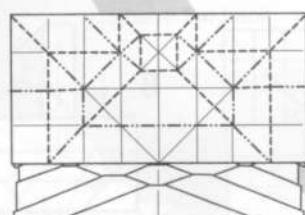


全部で9箇所にかどを
作ります

23

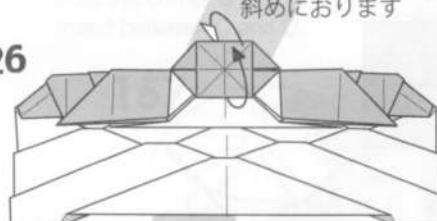


24

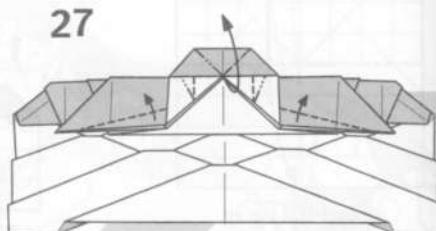


ついている山谷線に
従ってまとめます。

26

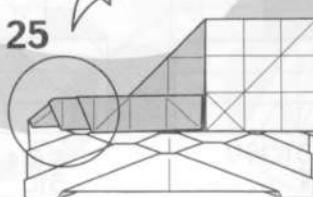


27

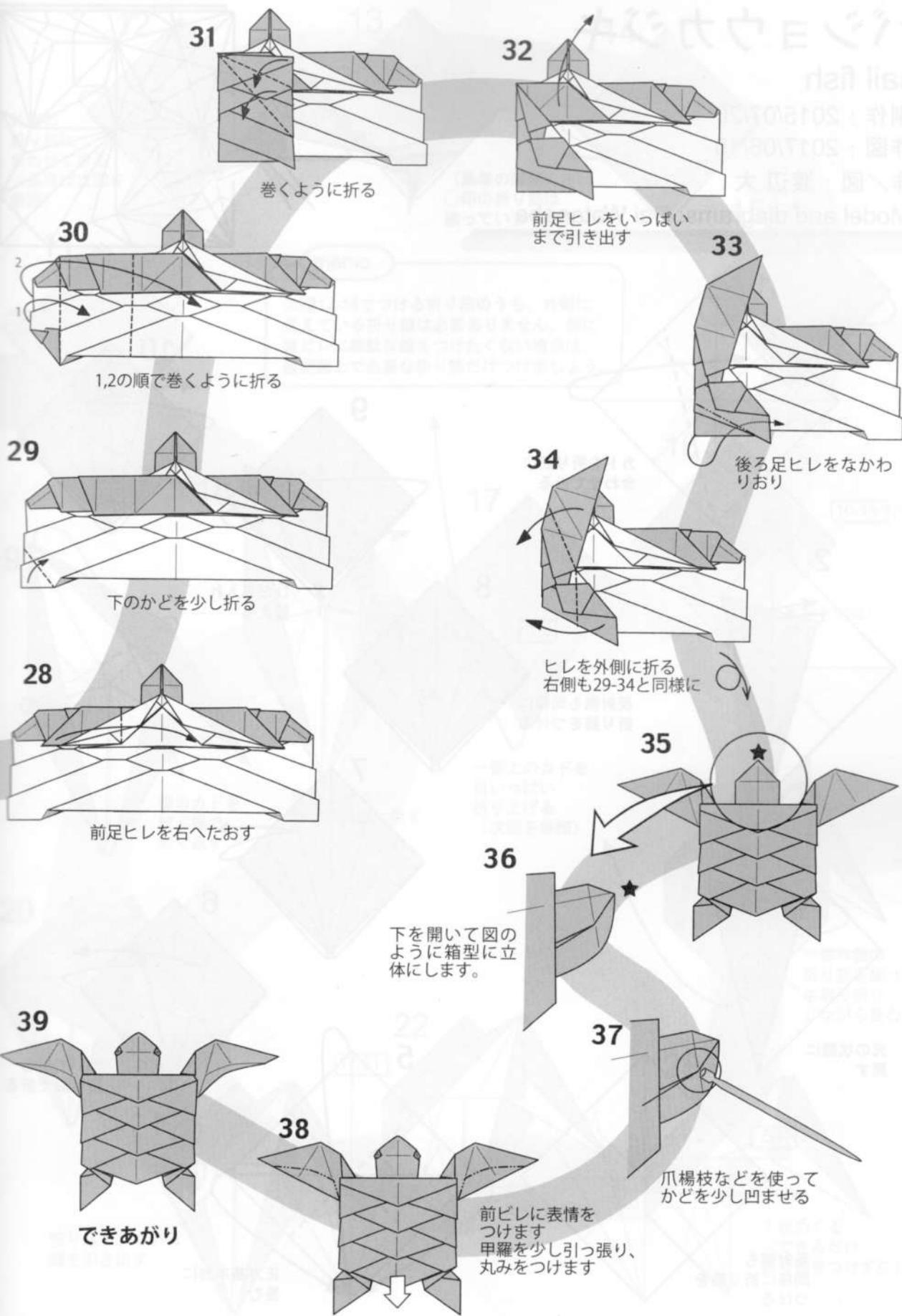


中央の矢印でかどを作るように
折りあけながらつられてくる部分を左右の矢印のように
斜めにあります

25



<途中図>
5-12の手順で丁寧にまとめましょう。
ヒダと干渉する部分は
○の中のようにヒダごと折ります



バショウカジキ

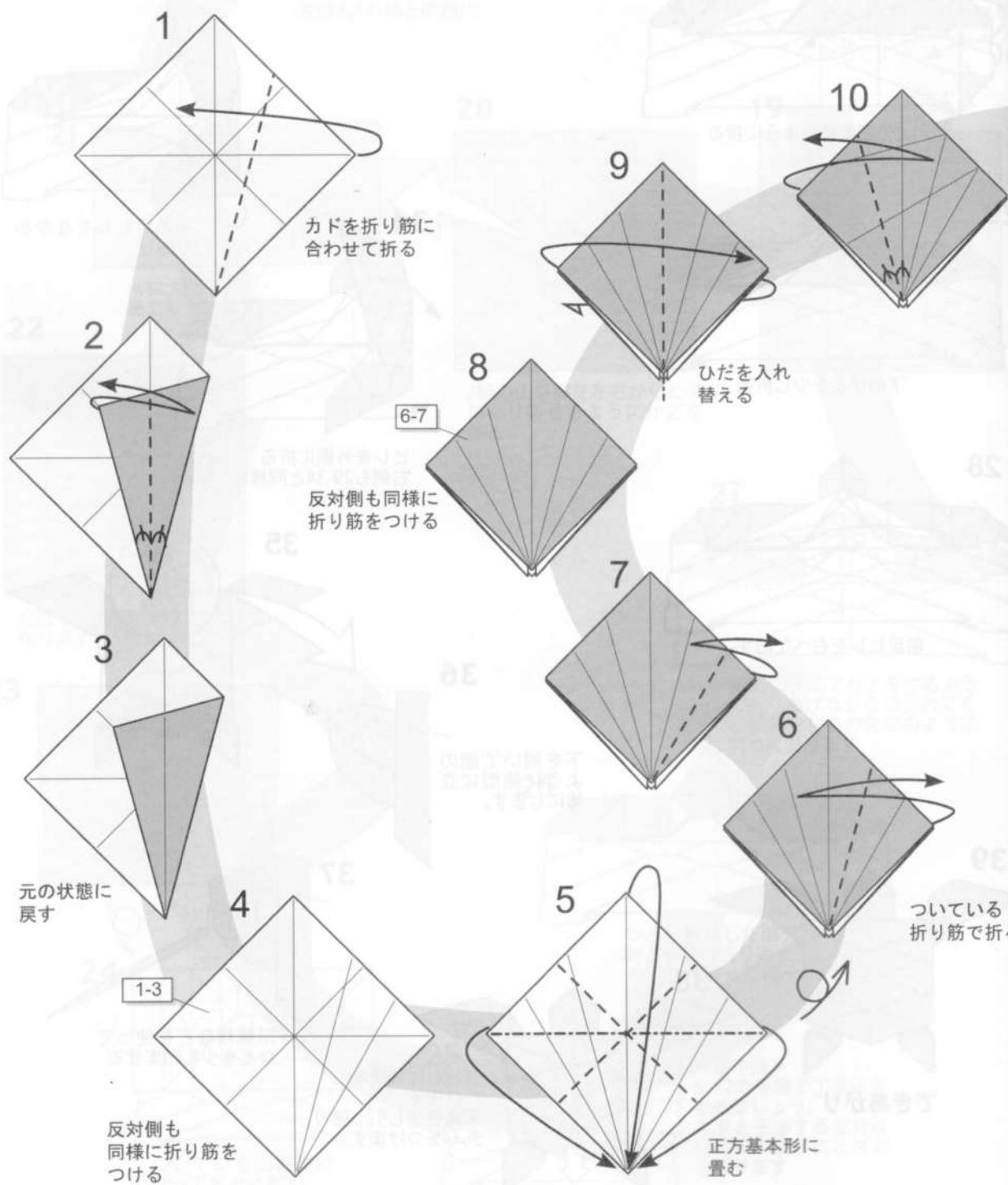
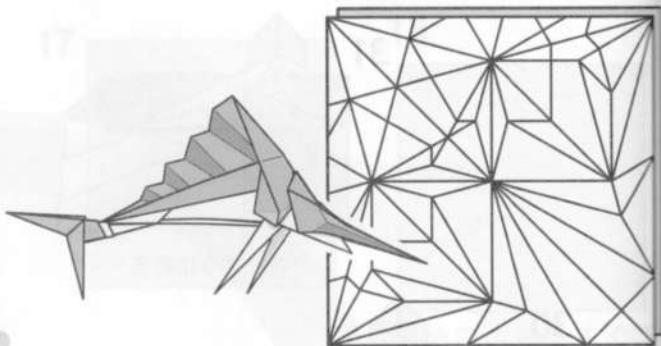
sail fish

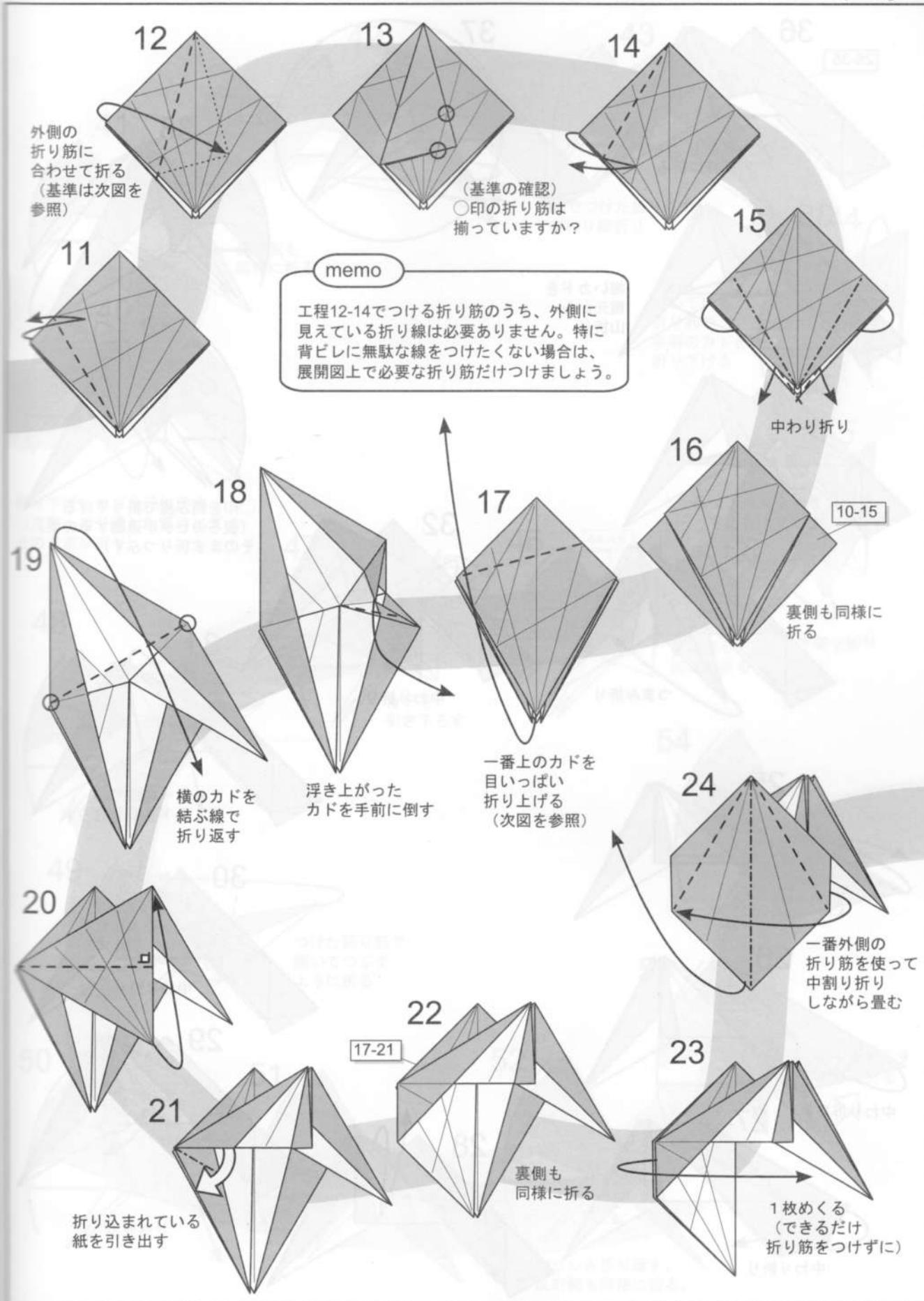
創作 : 2015/07/20

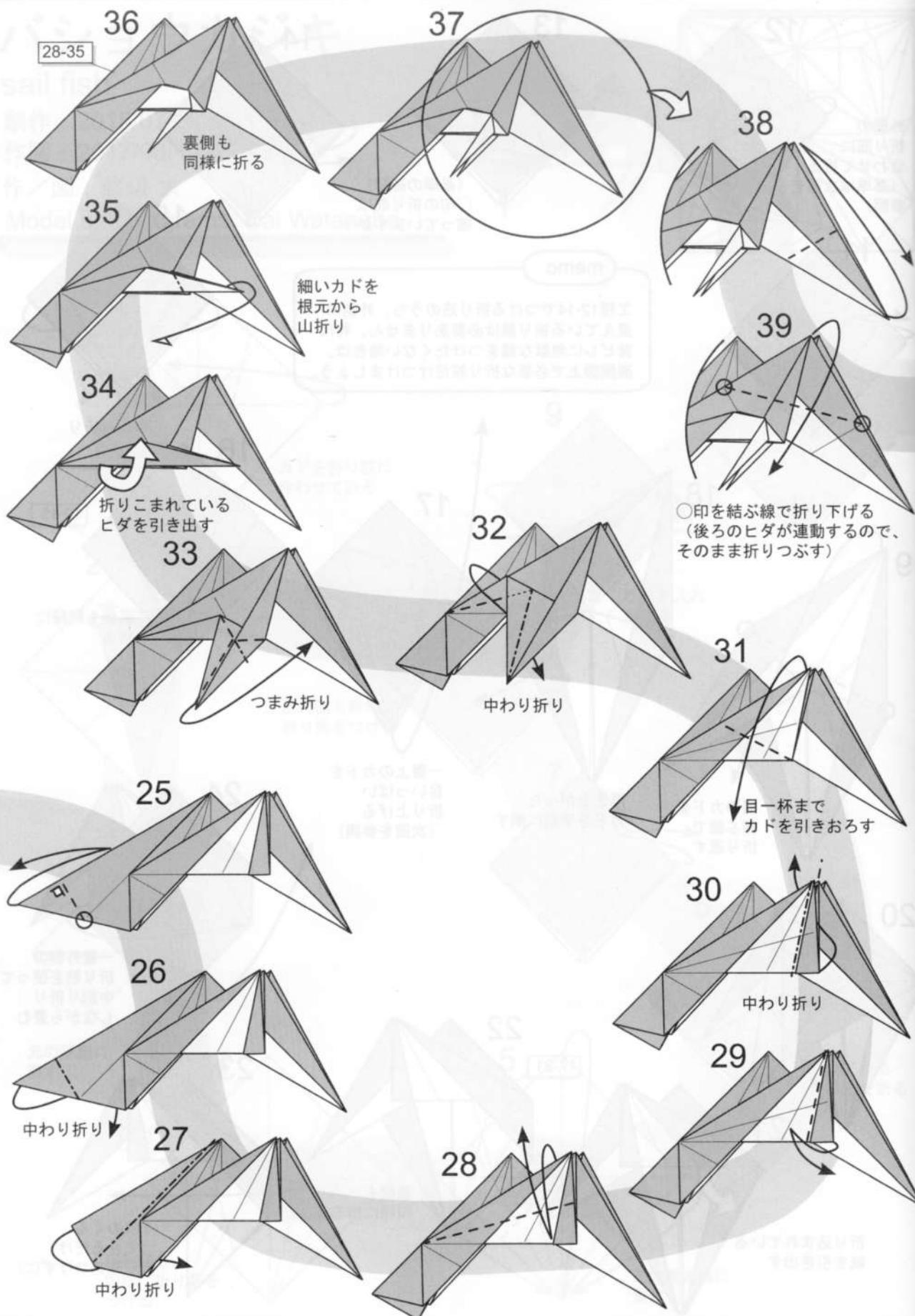
作図 : 2017/06/19

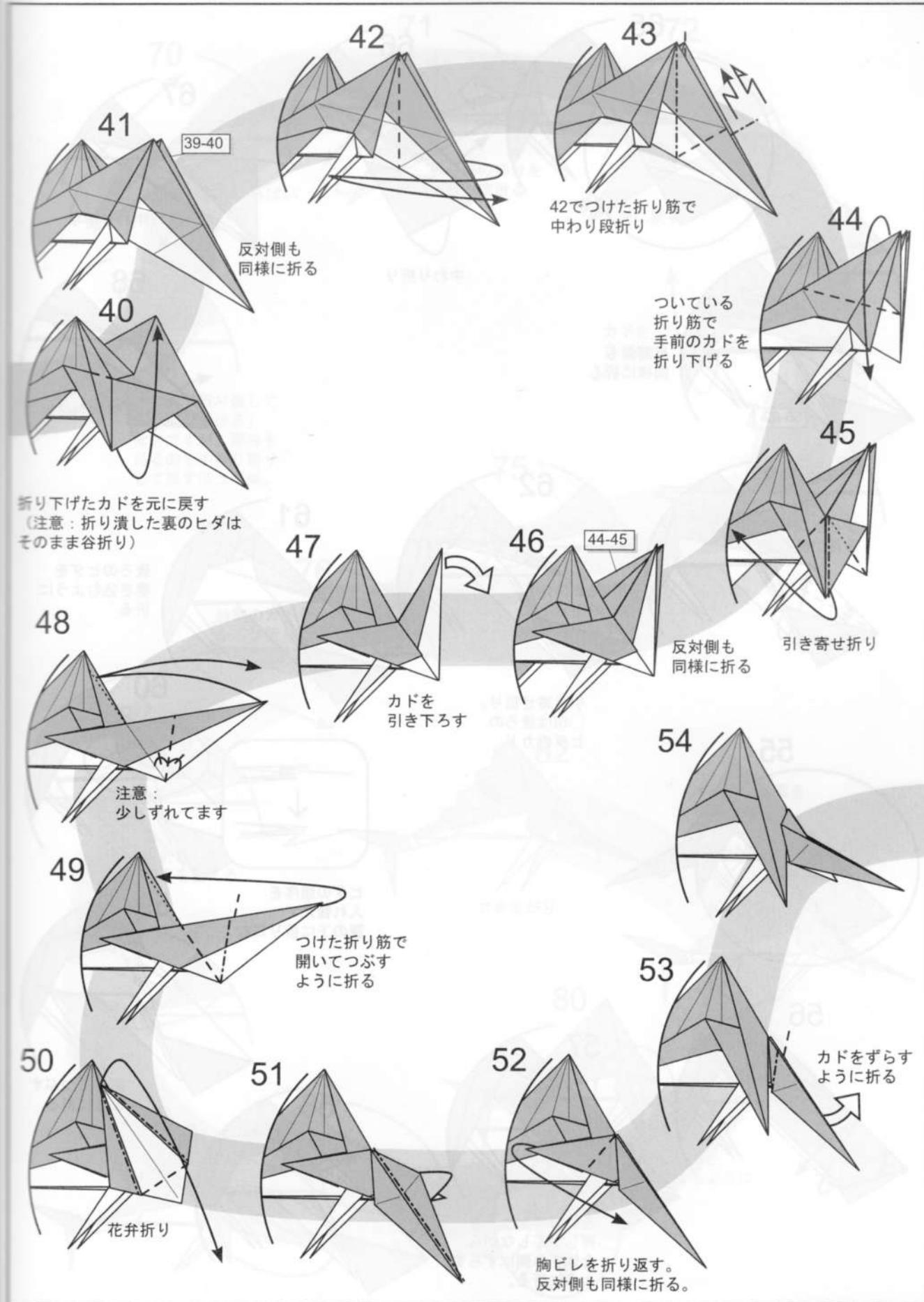
作／図 : 渡辺 大

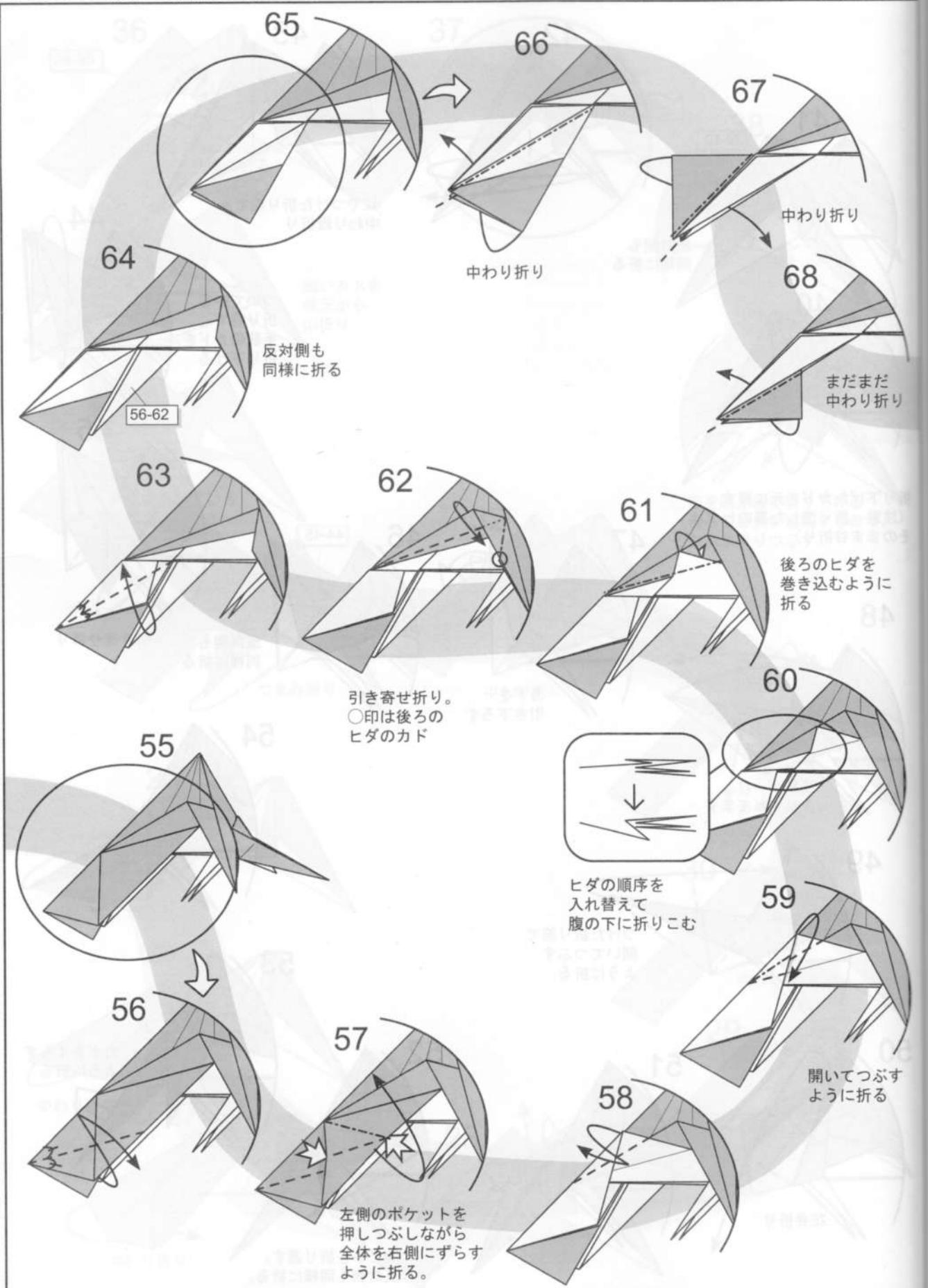
Model and diagrams: Dai Watanabe

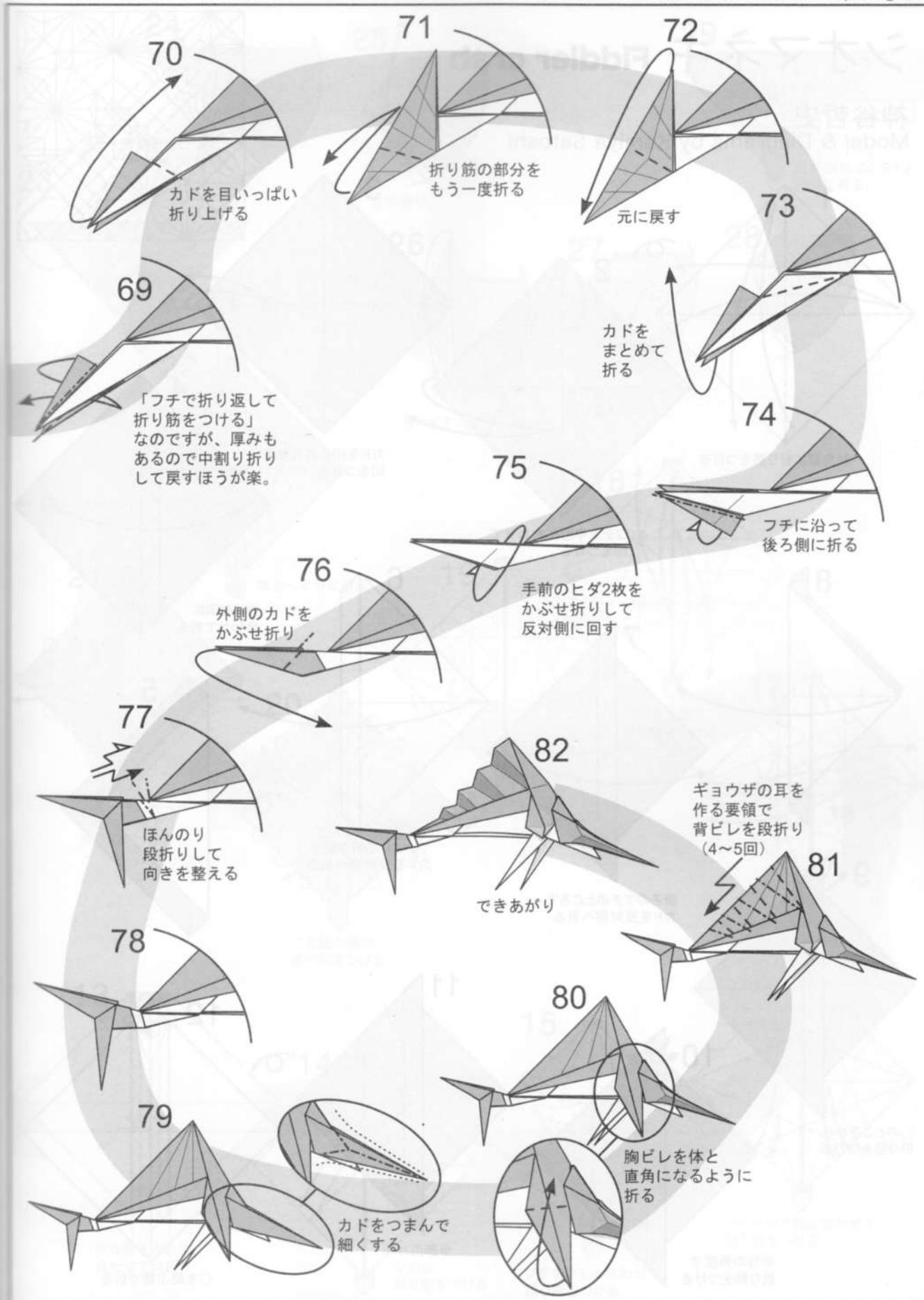








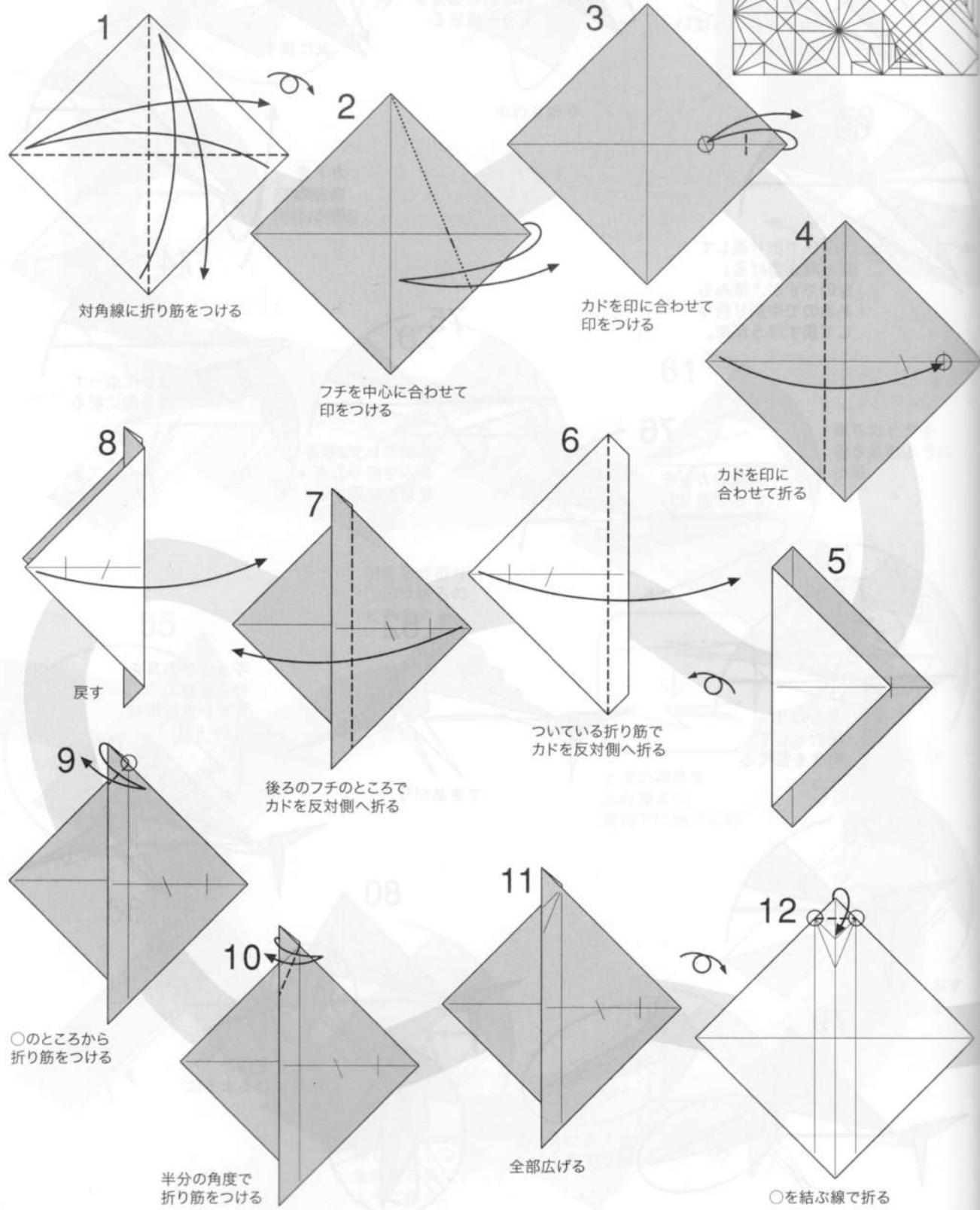
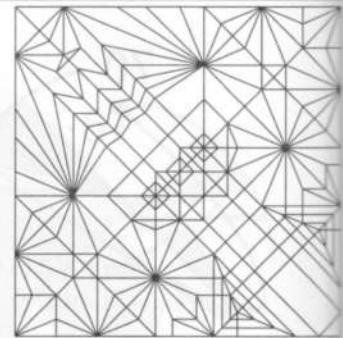


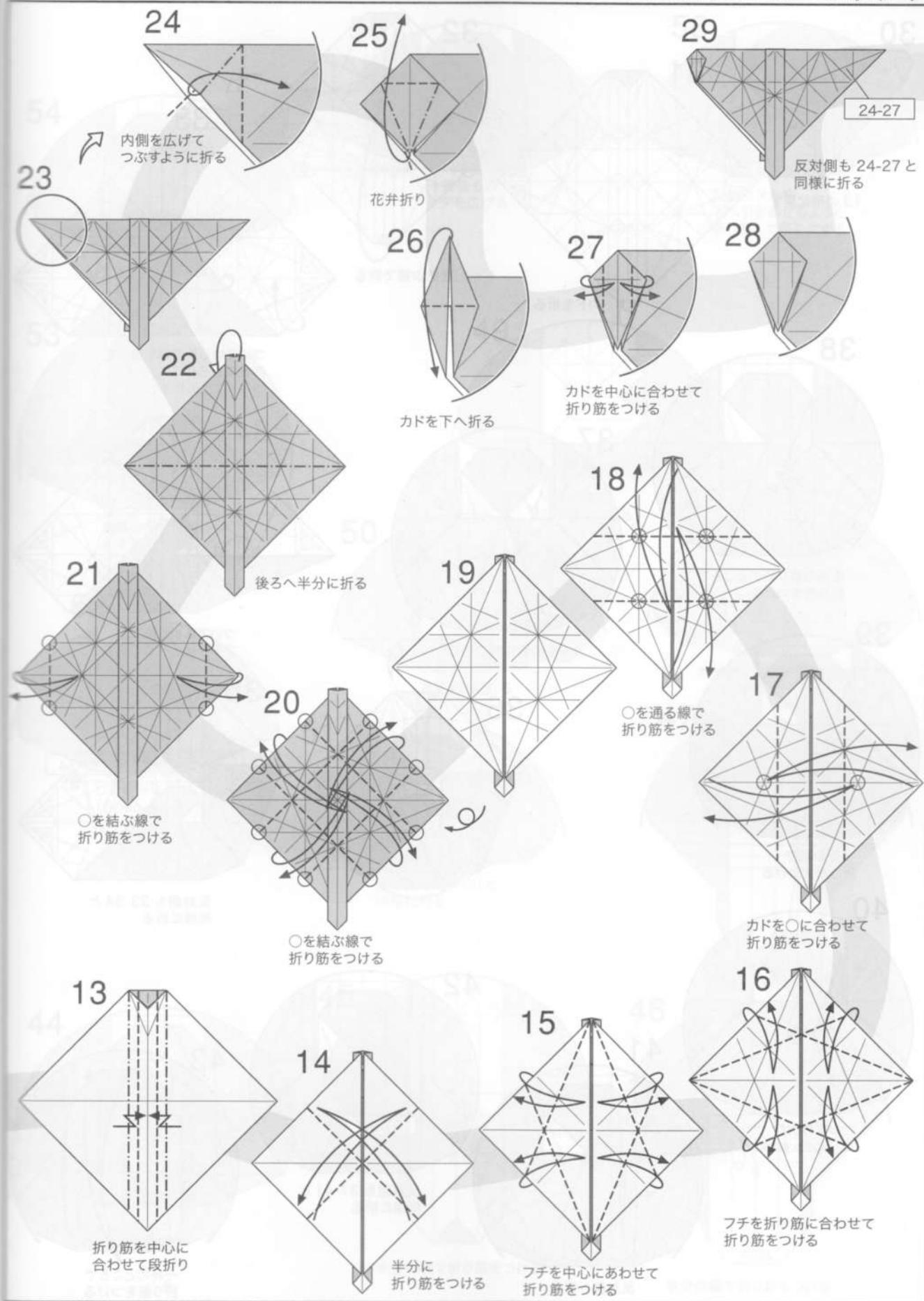


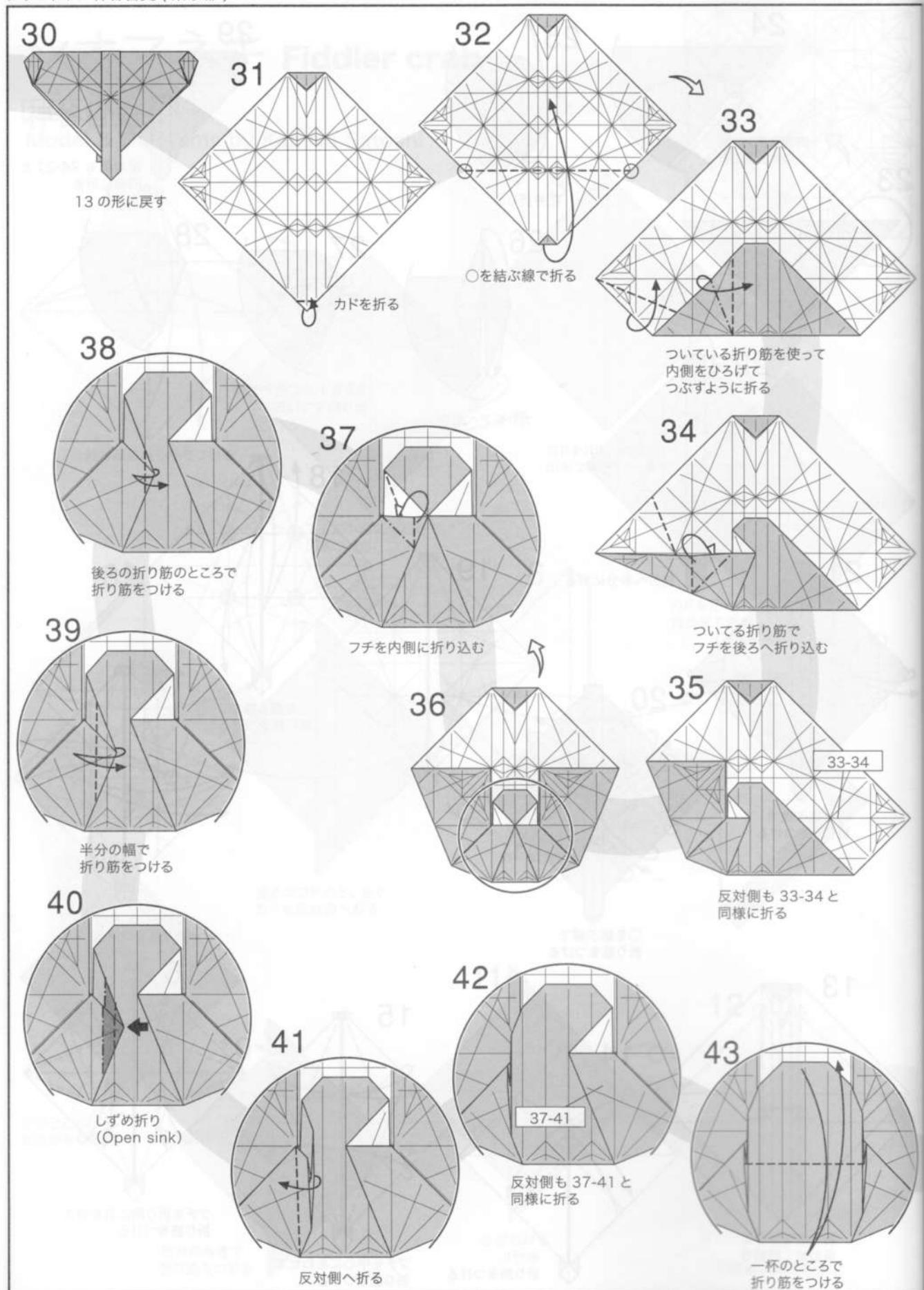
シオマネキ Fiddler crab

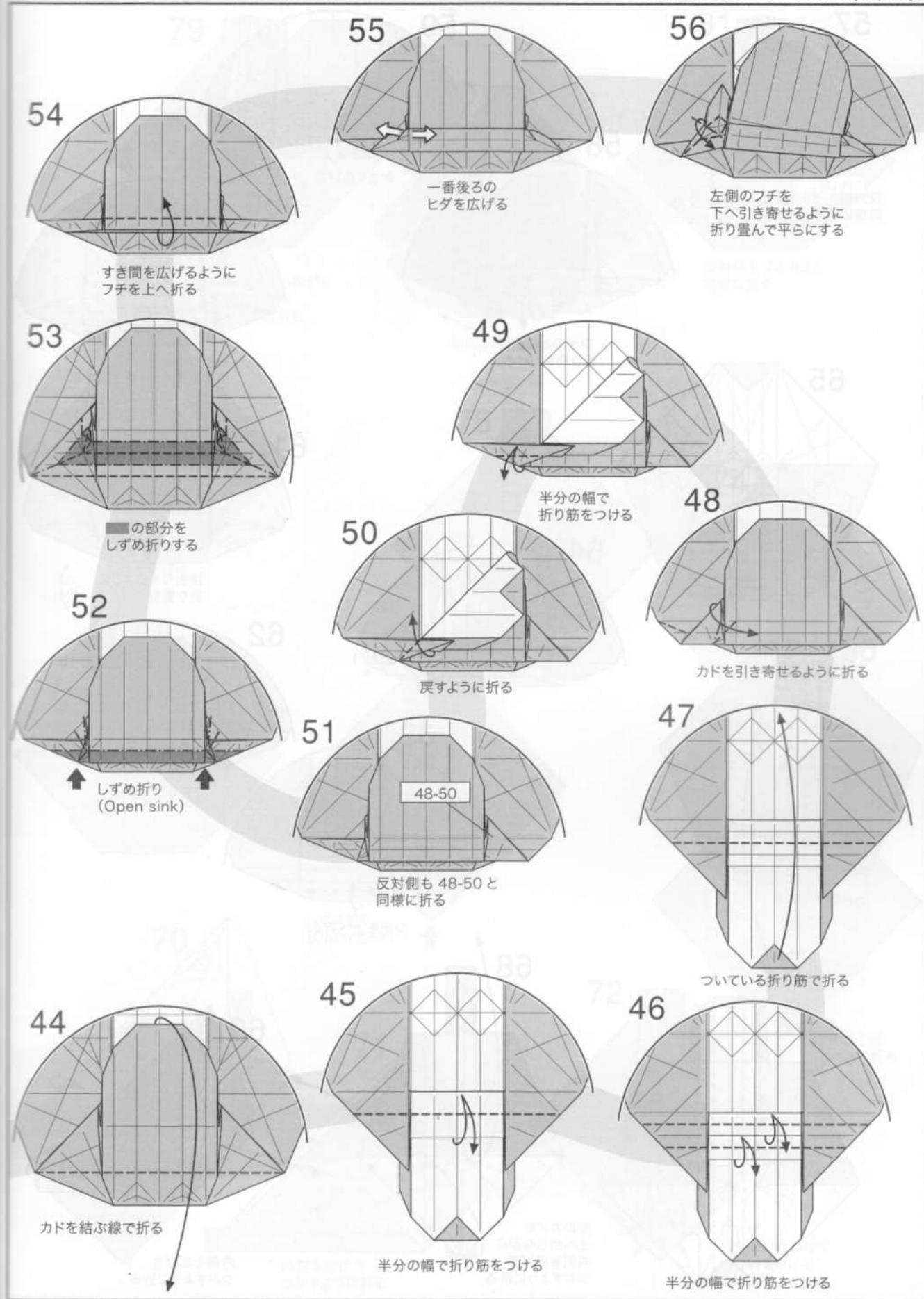
神谷哲史

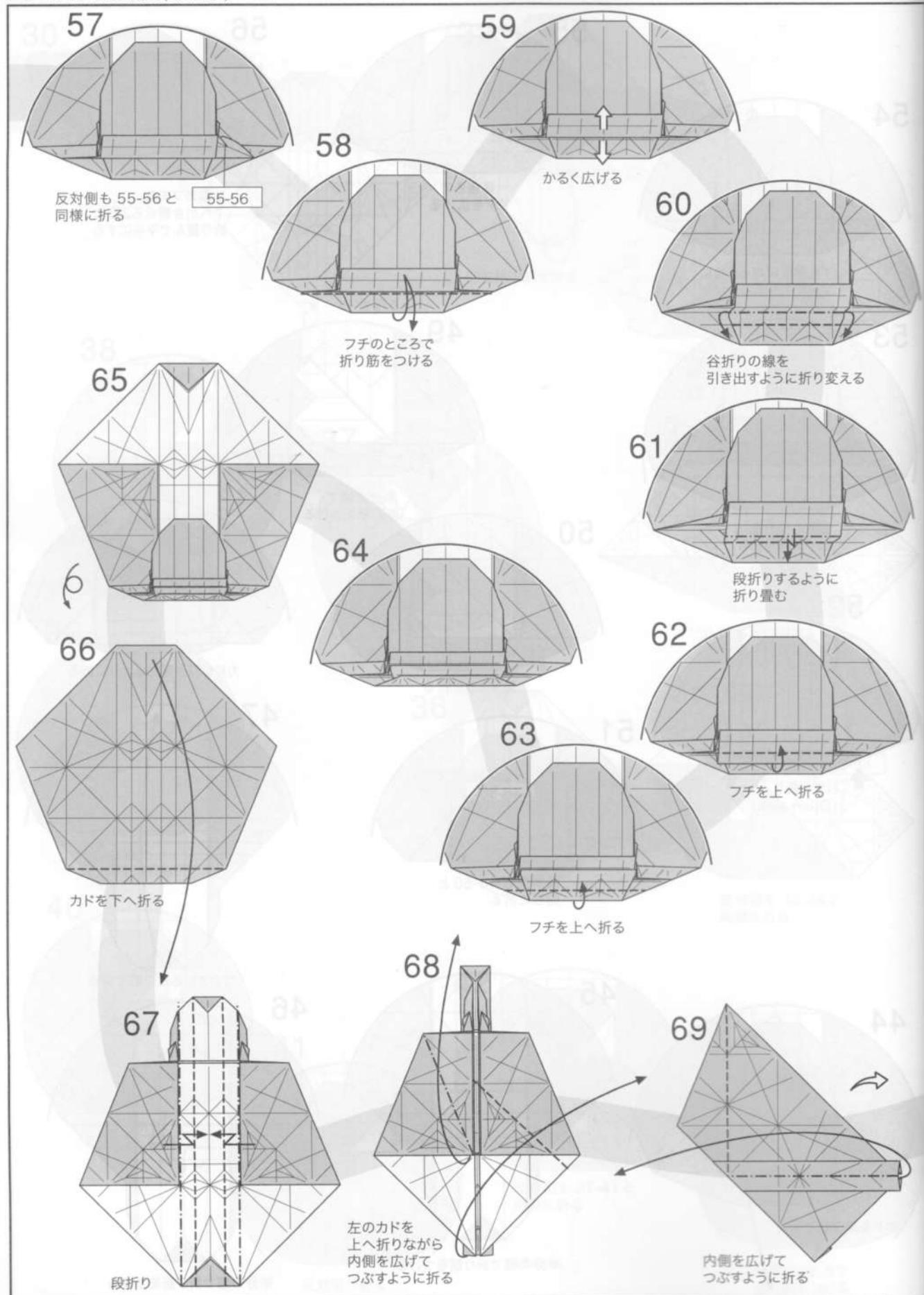
Model & Diagrams by Kamiya Satoshi

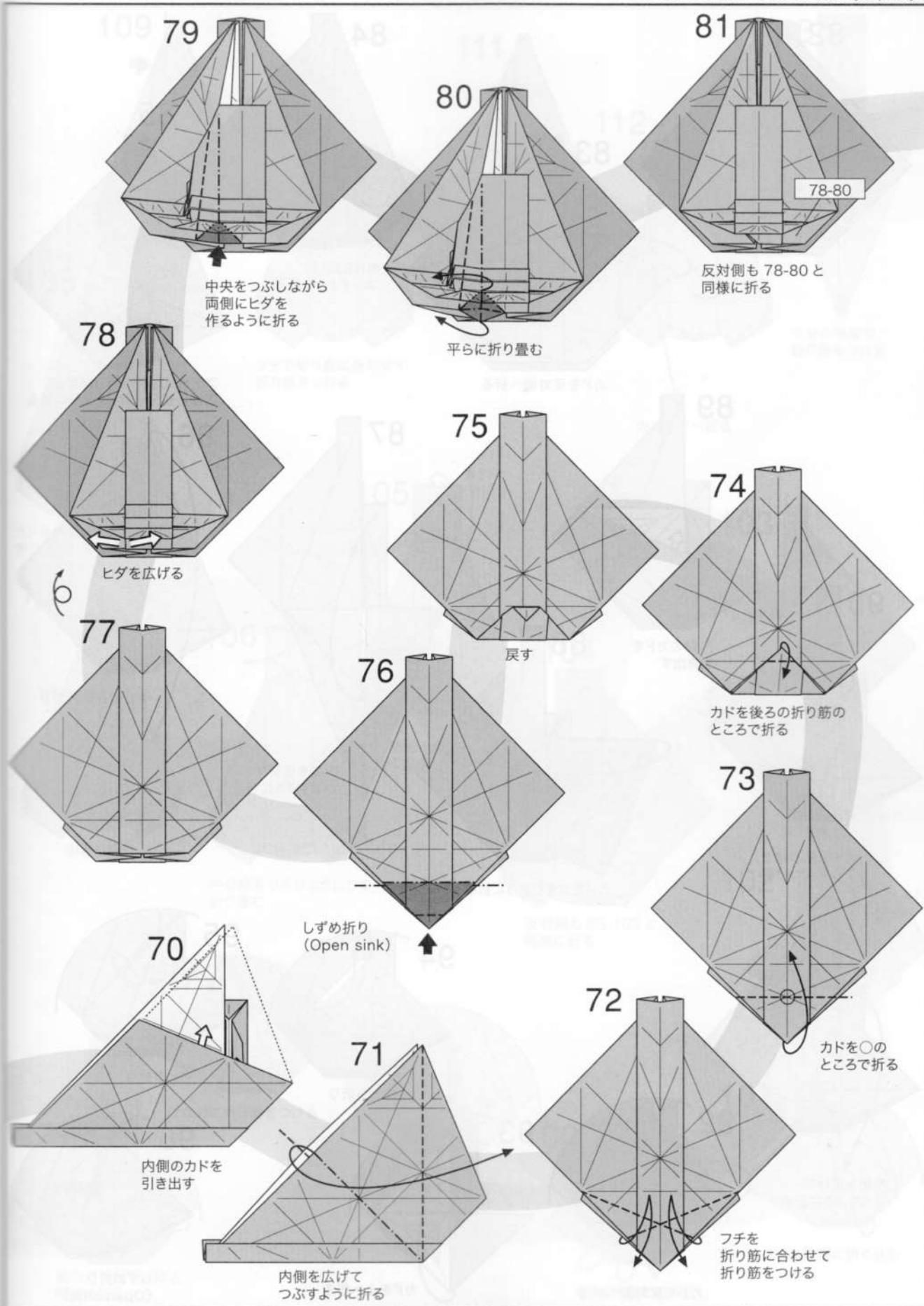


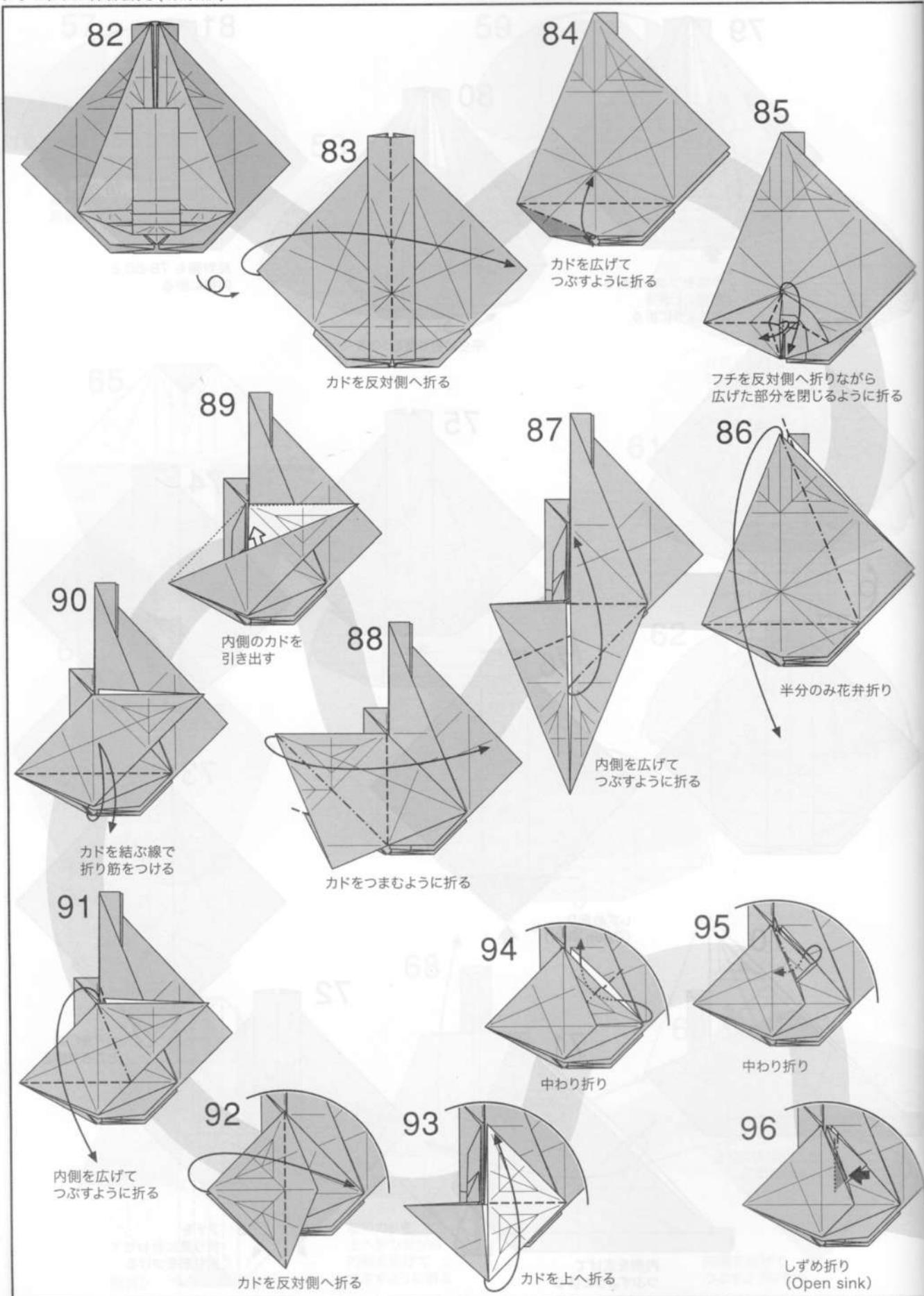


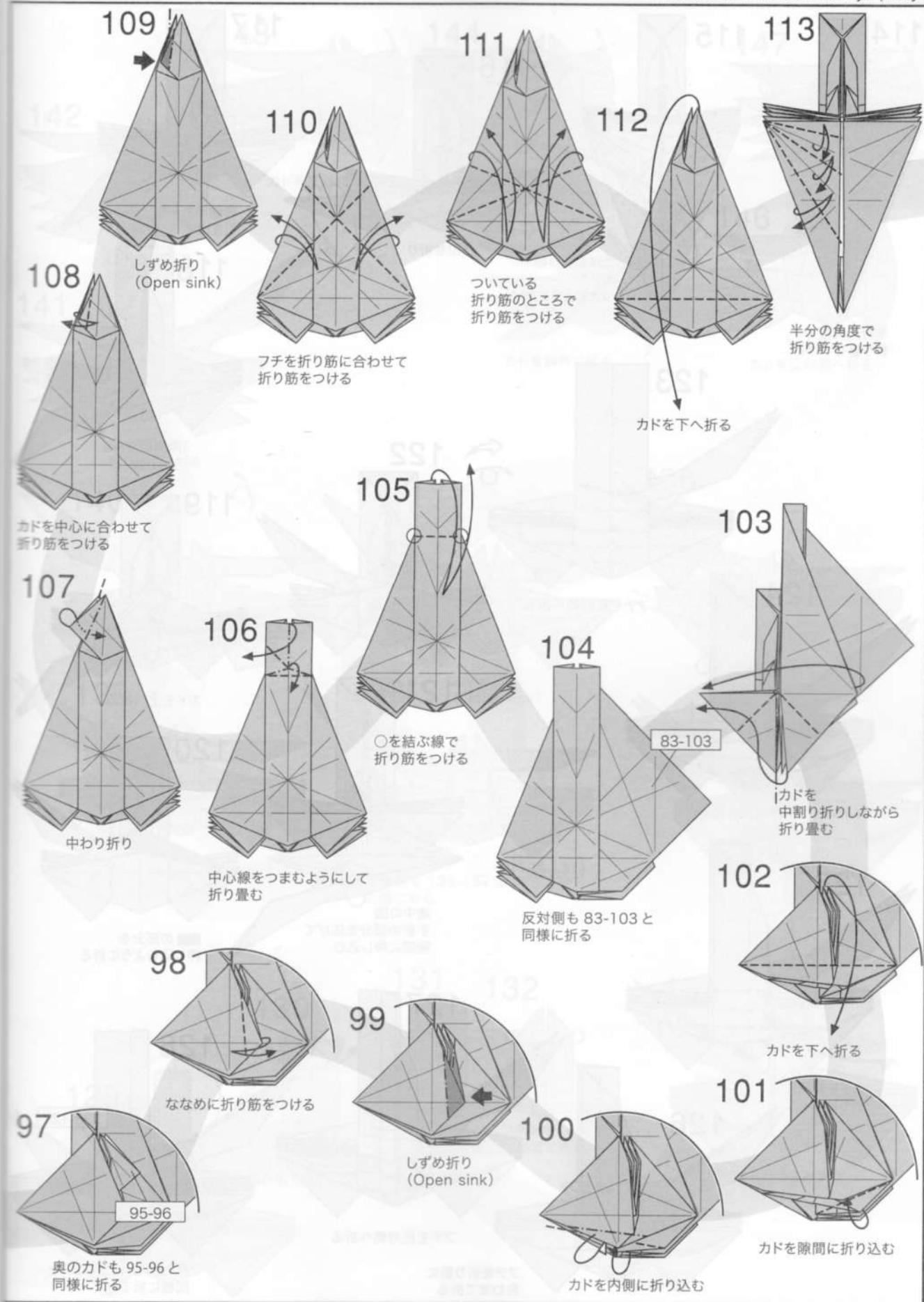


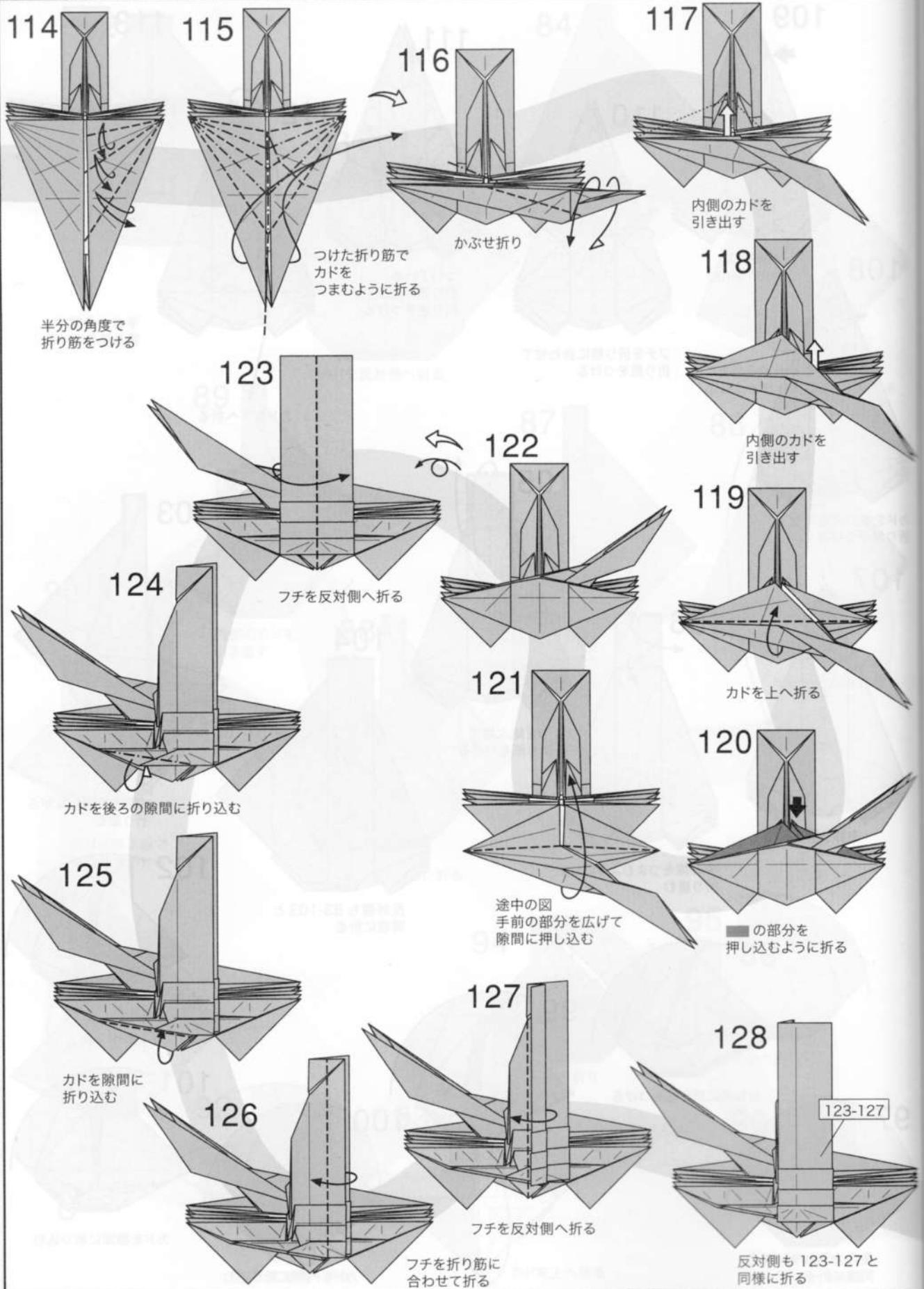


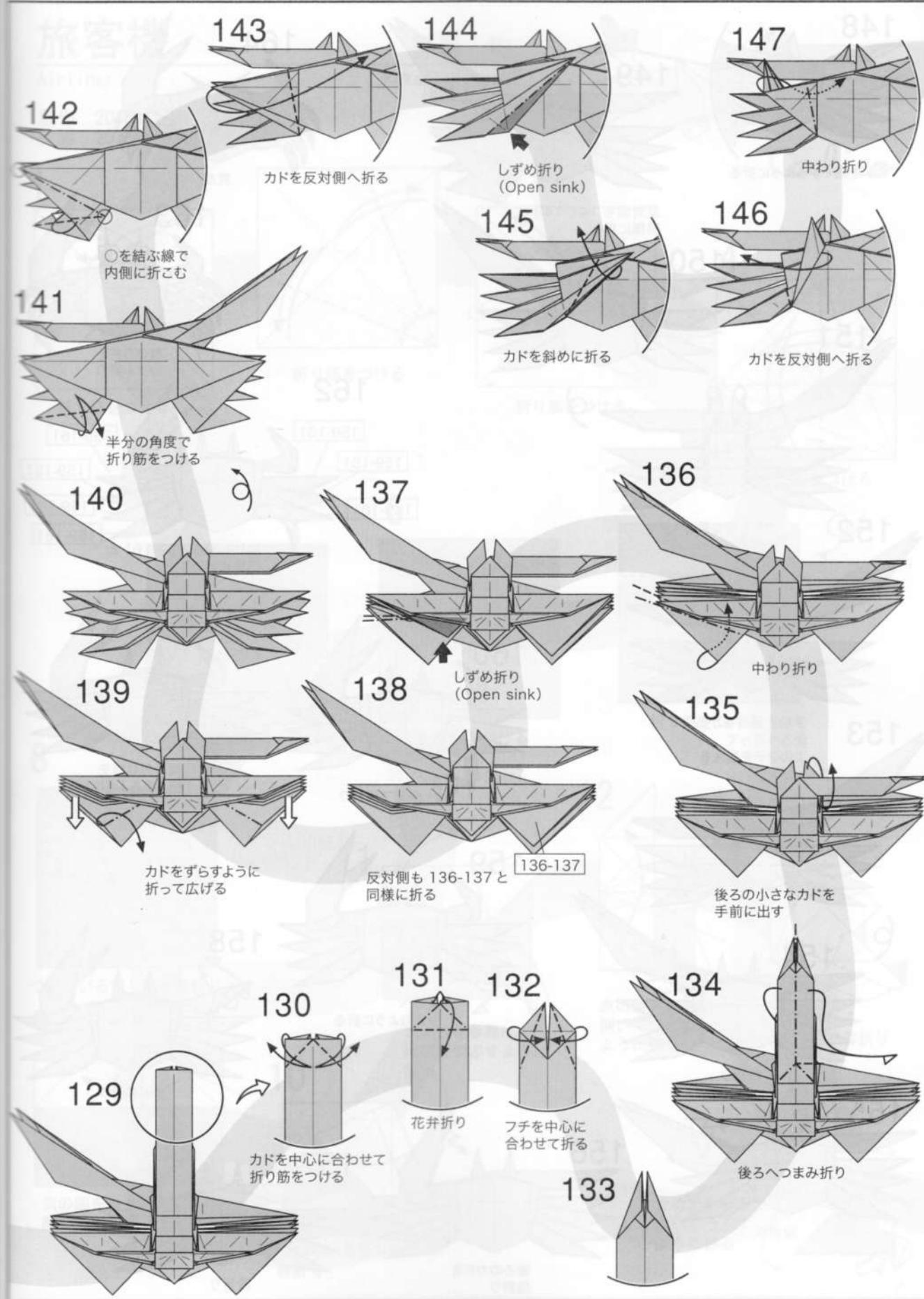


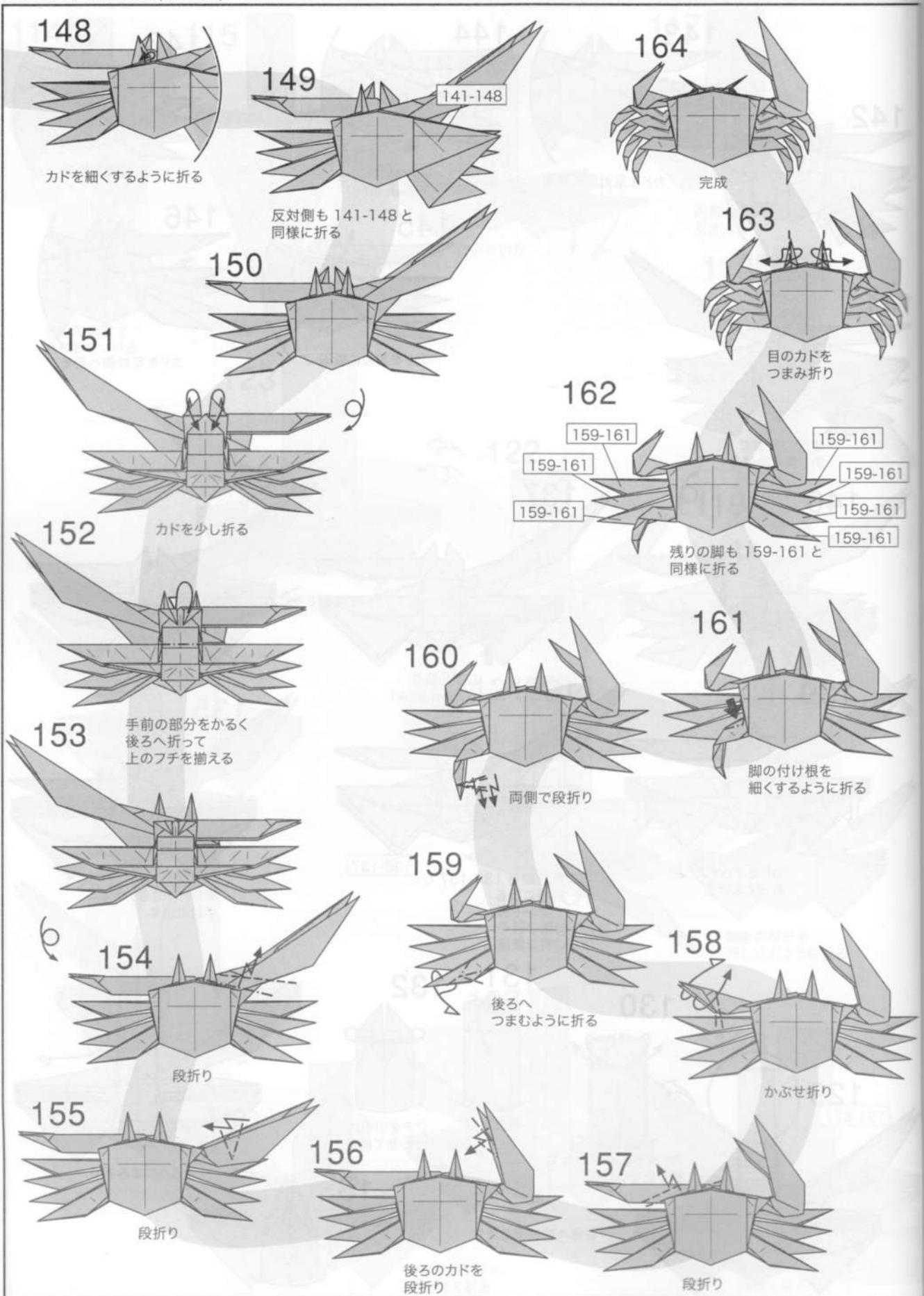












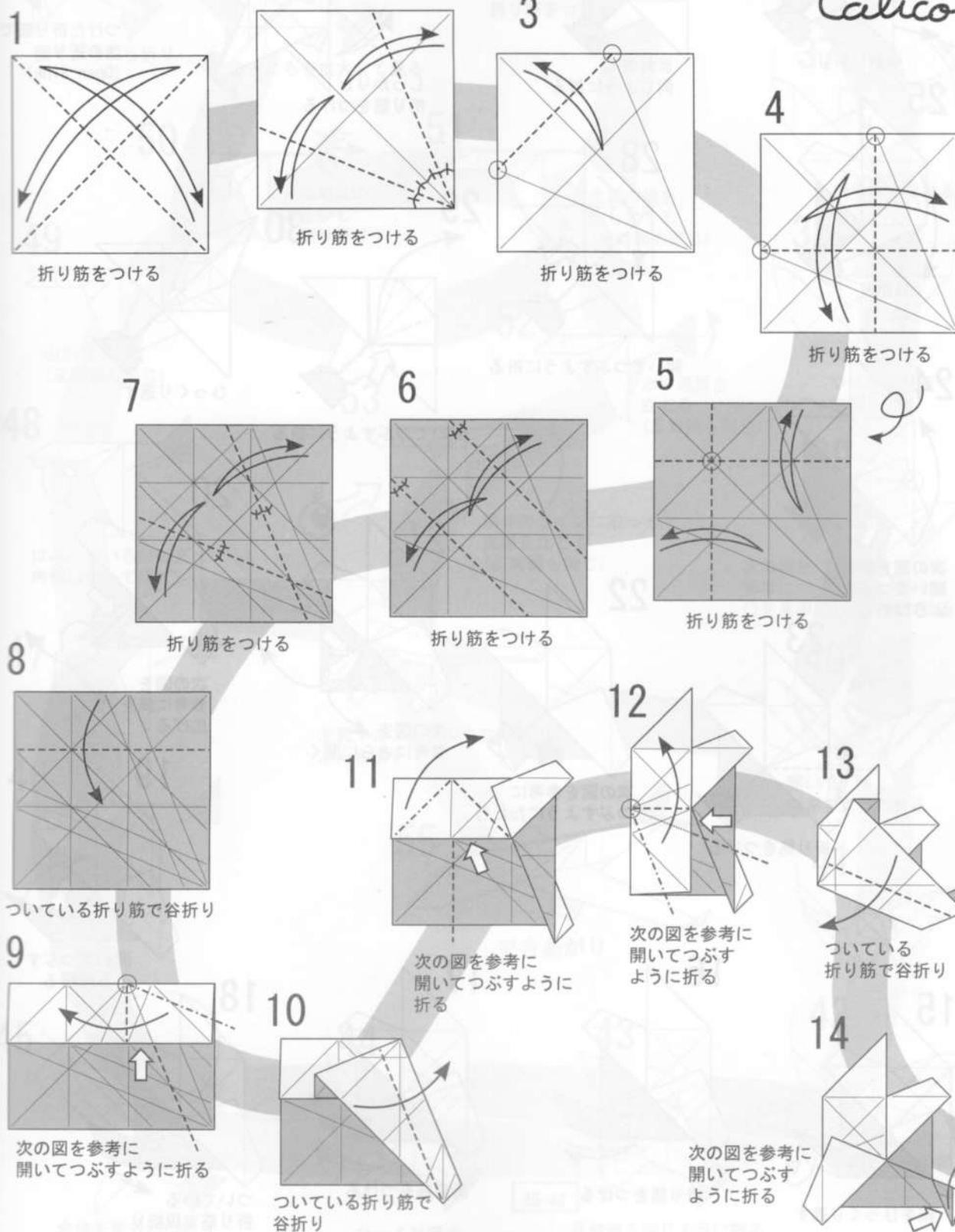
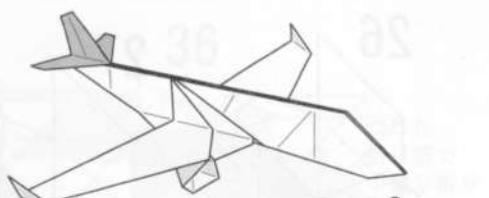
旅客機

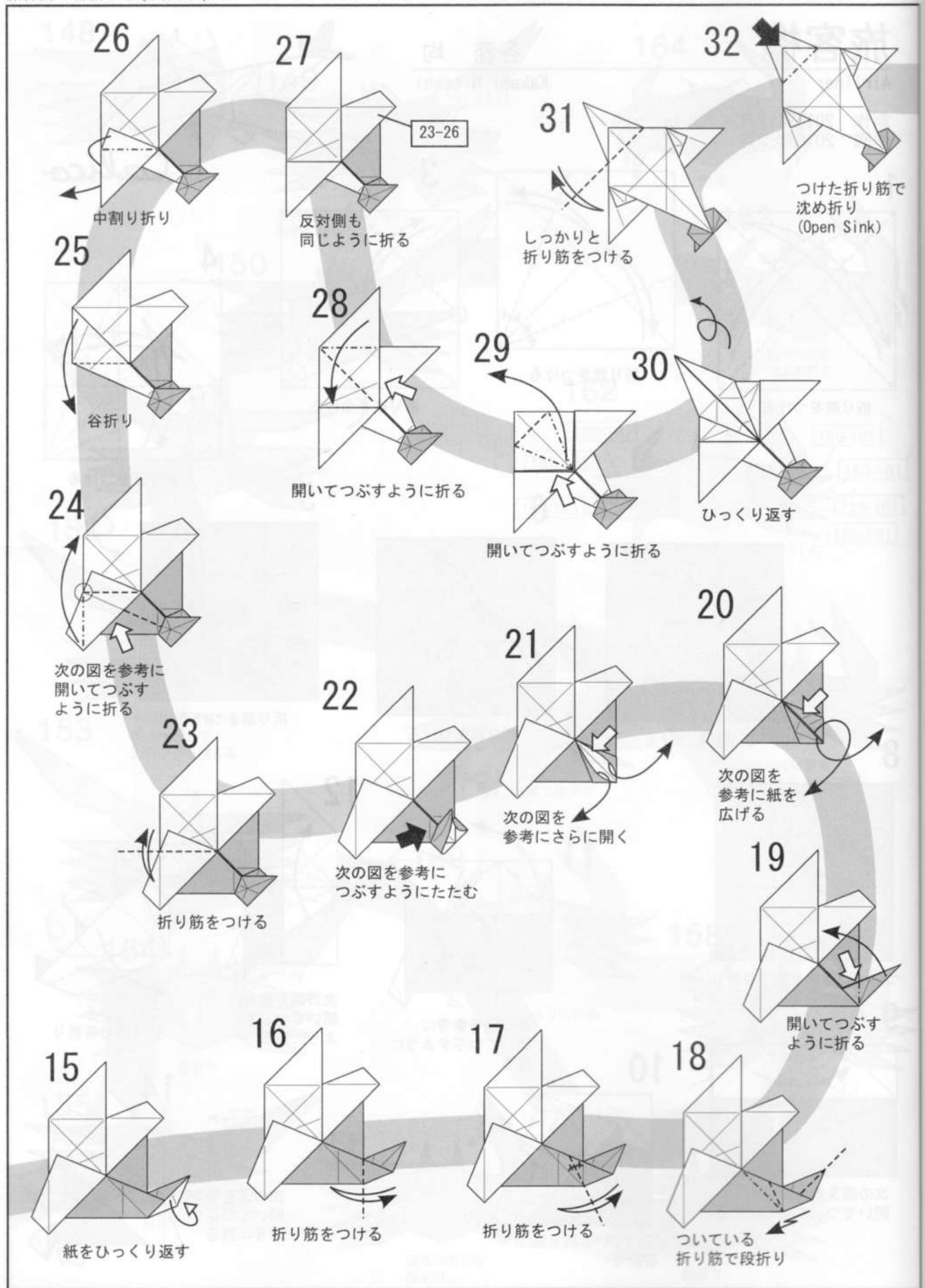
Airliner

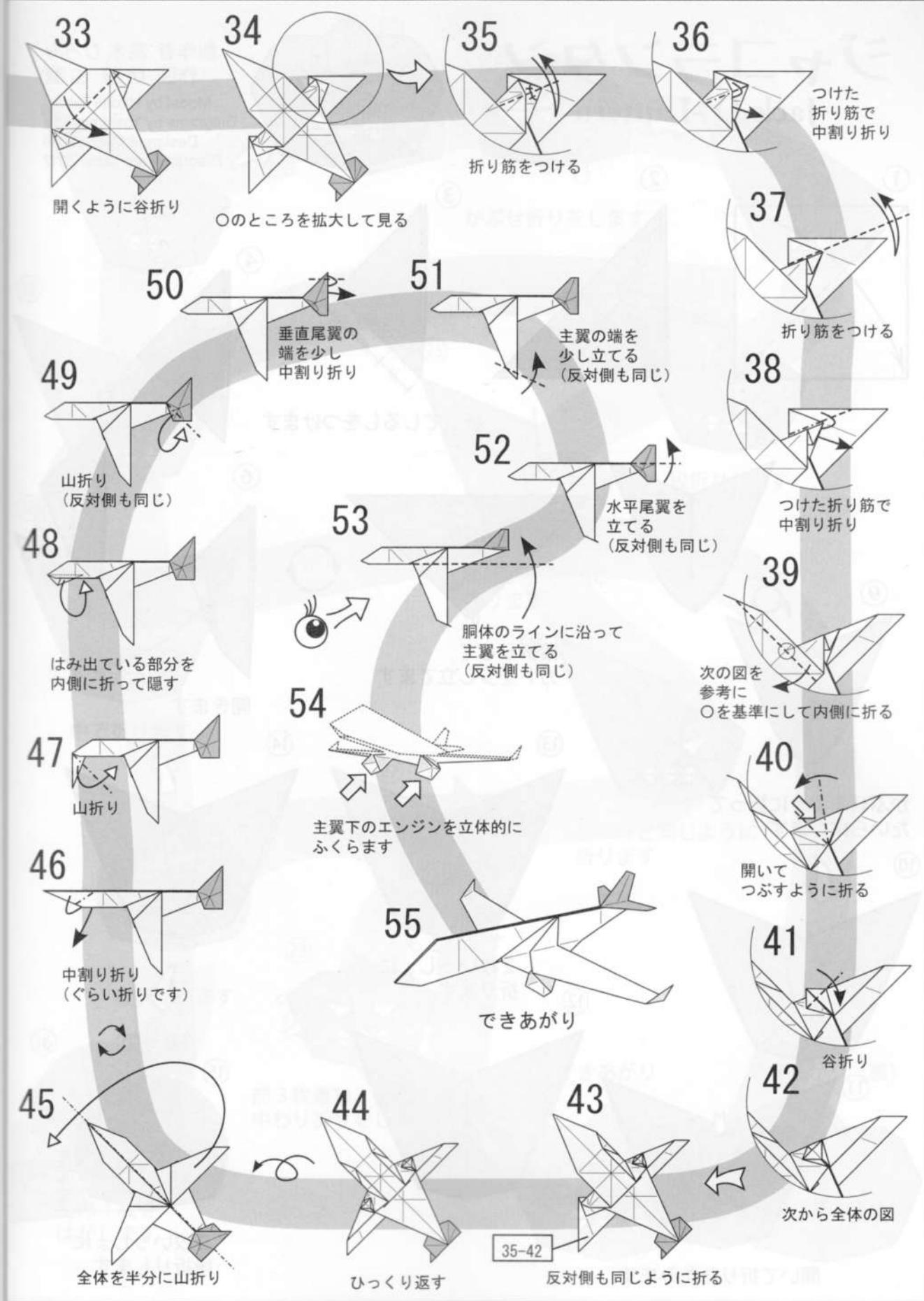
各務 均

Kakami Hitoshi

創作 2015年12月
作図 2016年3月

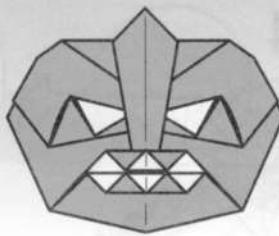




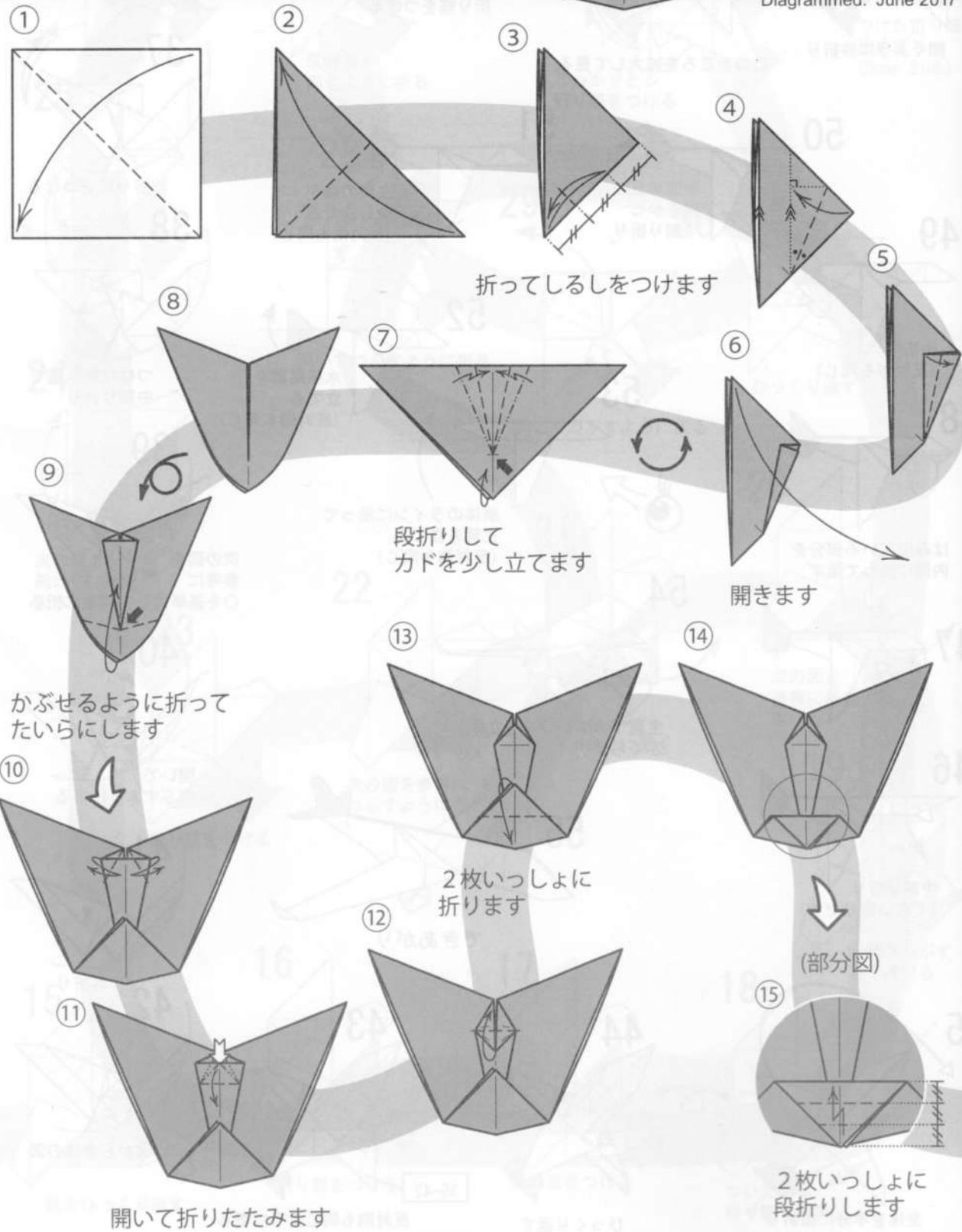


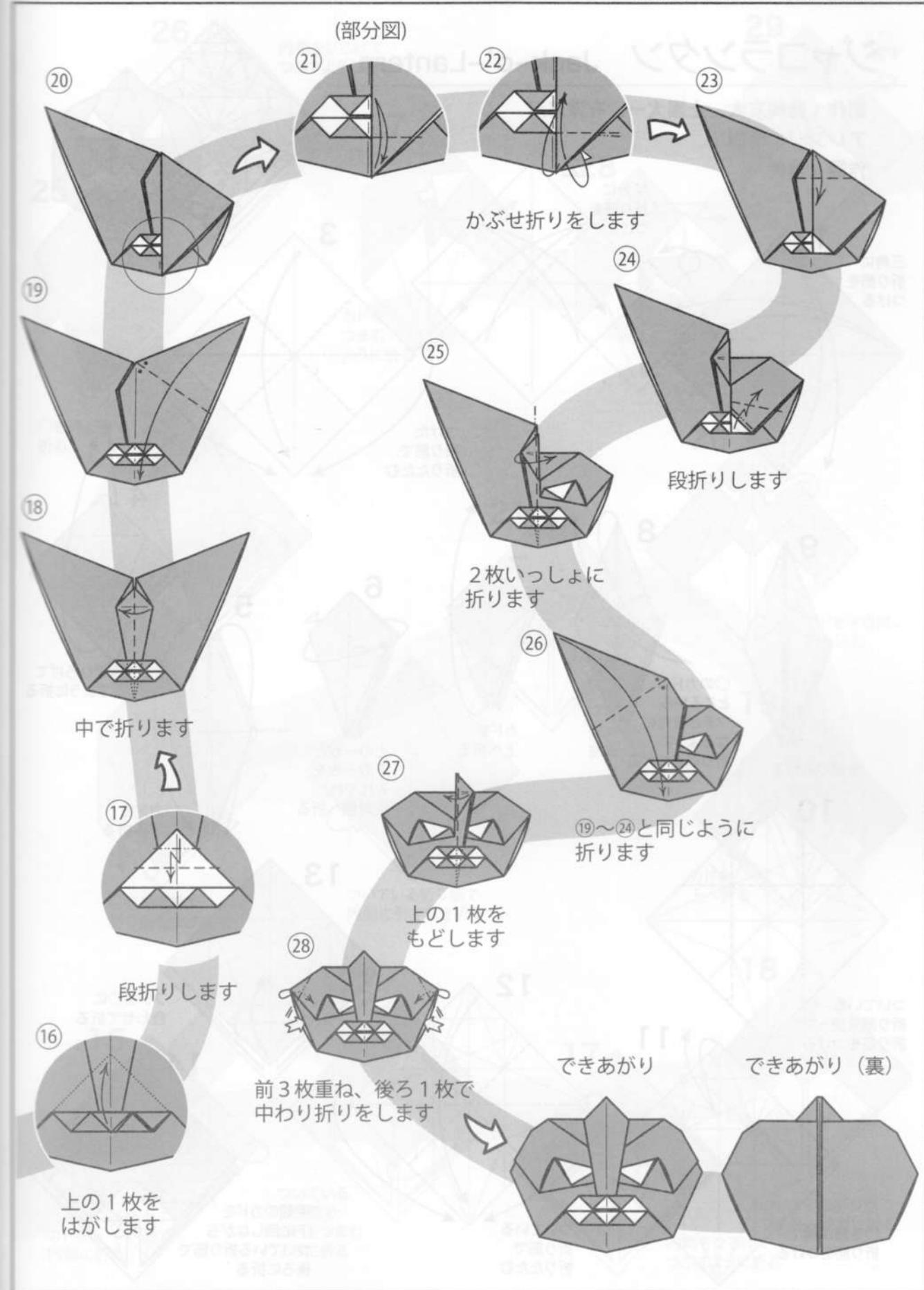
ジャコランタン

Jack-O'-Lantern



創作者:高木ひろみ
作図:伊藤由磨
Model by Hiromi Takagi
Diagrams by Yoshimaro Ito
Designed: March 2016
Diagrammed: June 2017



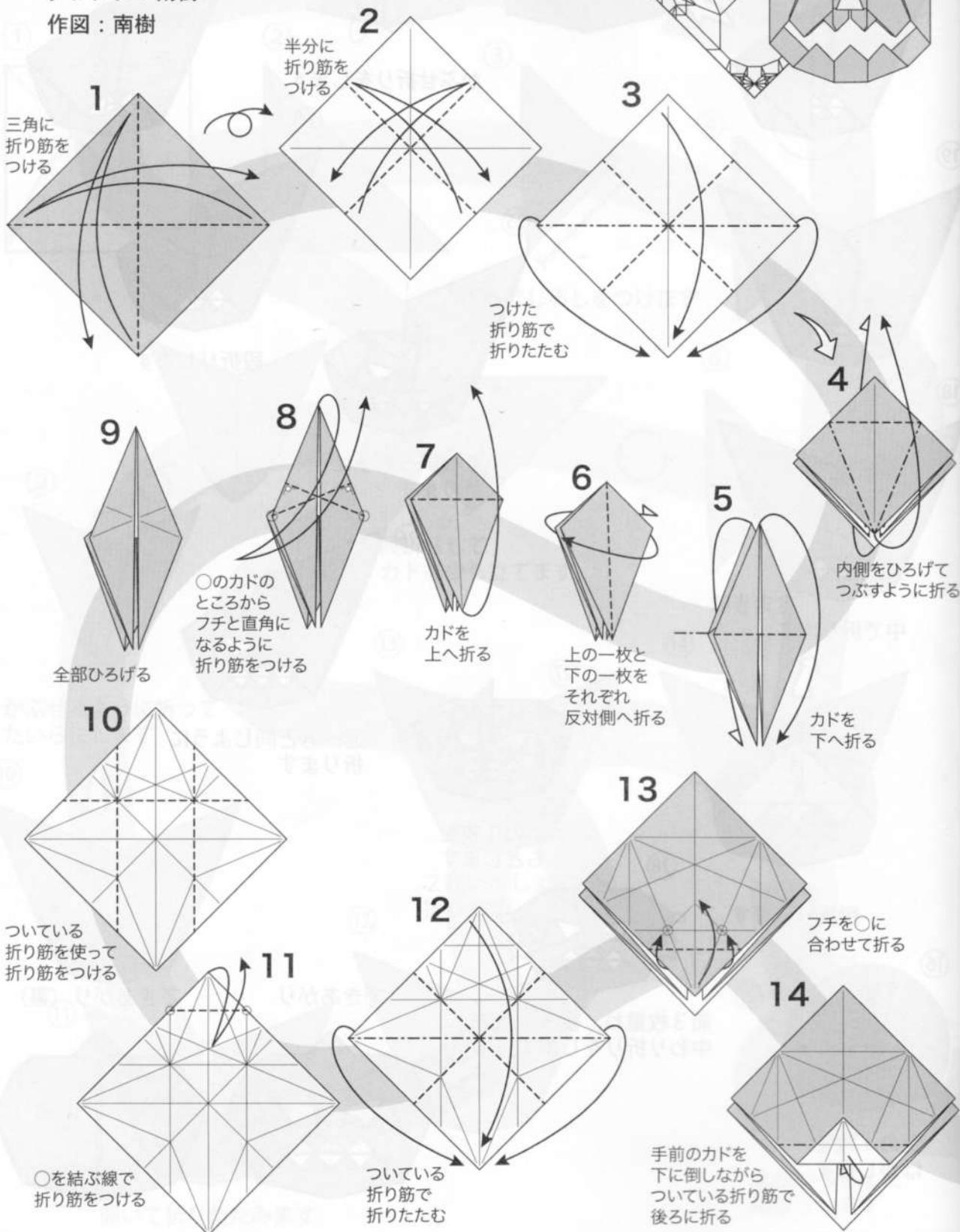


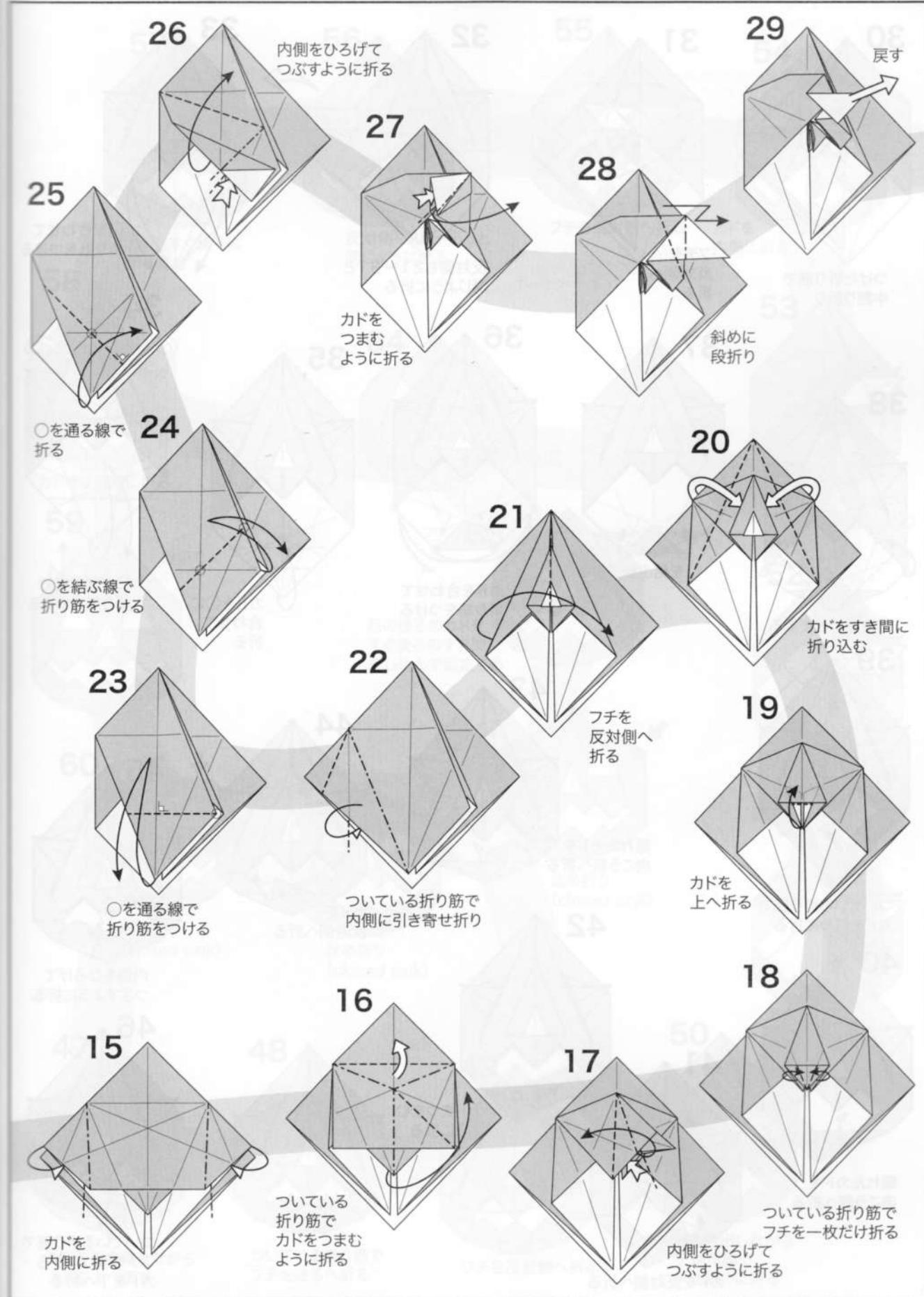
ジャコランタン Jack-o'-Lantern

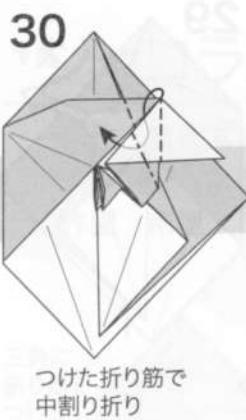
創作：勝崎友太、上園太一、有澤悠河

アレンジ：南樹

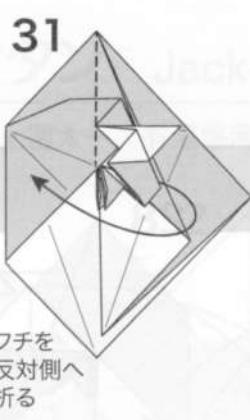
作図：南樹



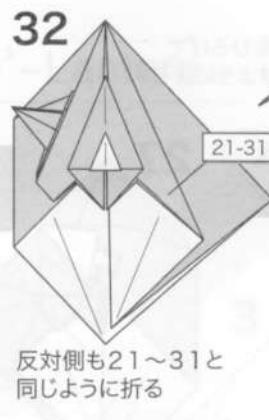




つけた折り筋で
中割り折り



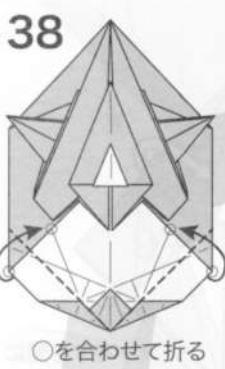
フチを
反対側へ
折る



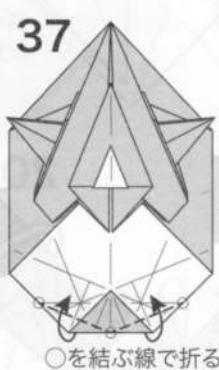
反対側も21～31と
同じように折る



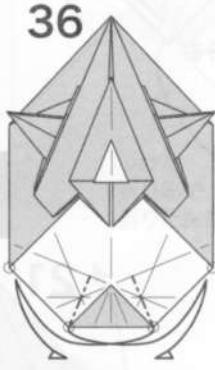
○を合わせて
折り筋をつける



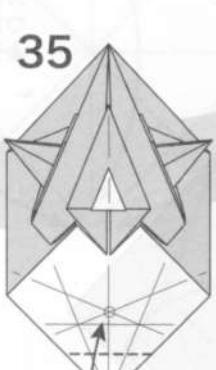
○を合わせて
折る



○を結ぶ線で折る



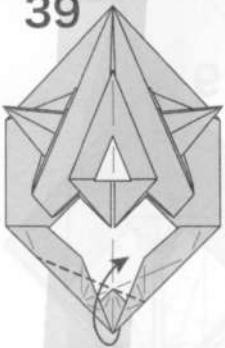
カドを合わせて
折り筋をつける



カドを○に
合わせて
折る



○を通る線で
折り筋をつける



ついている折り筋で
カドを斜めに折る



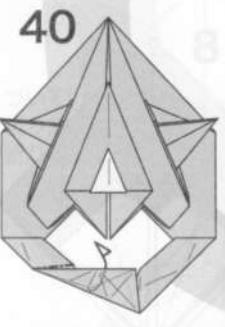
隠れたカドを
向こう側へ折る



カドを
反対側へ折る



内側をひろげて
つぶすように折る



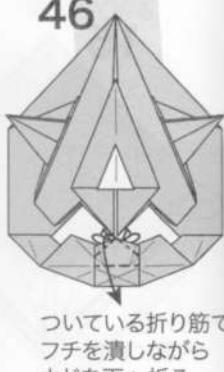
隠れたカドを
向こう側へ折る



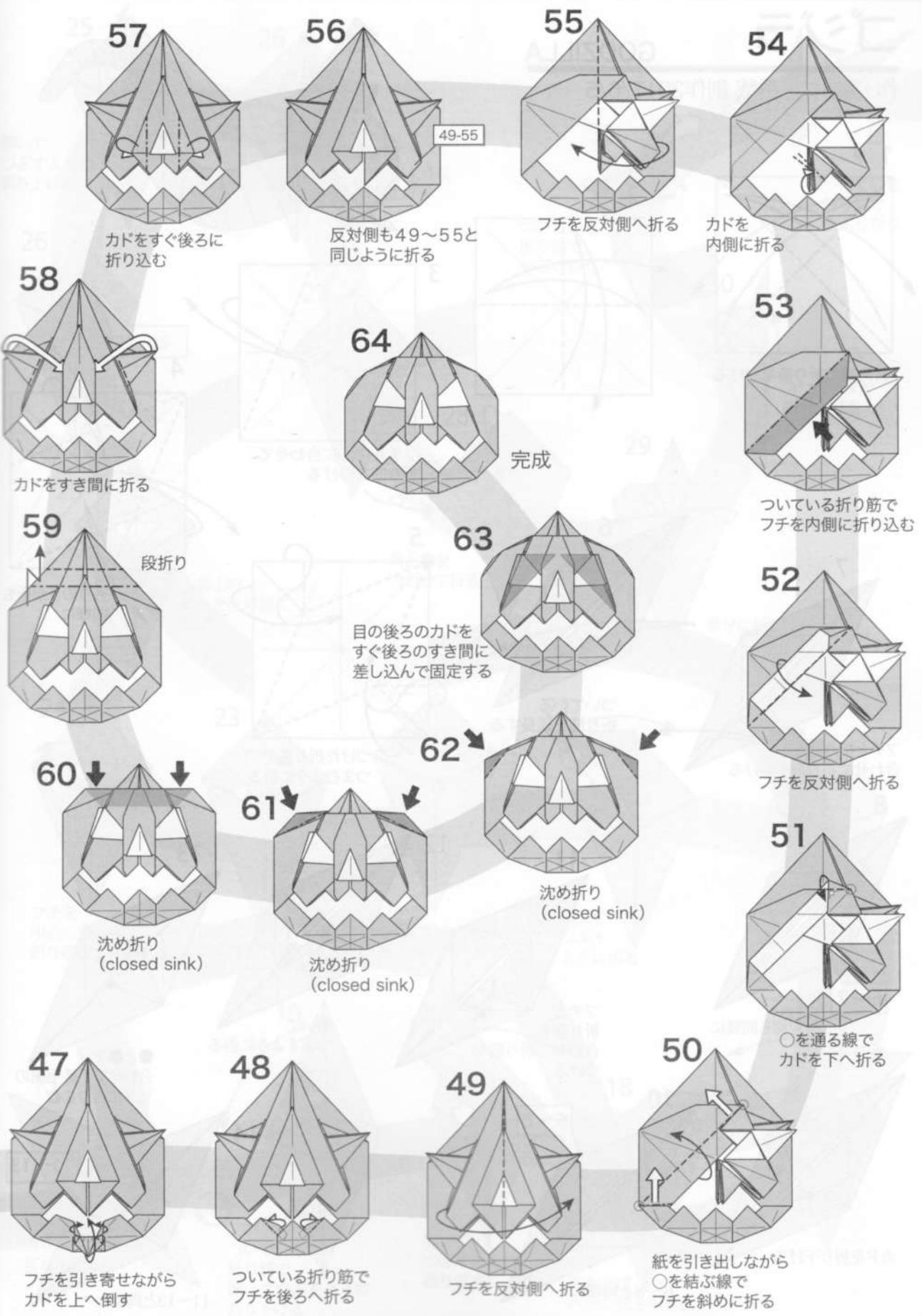
カドをつまむ
ように折る



カドを反対側へ折る



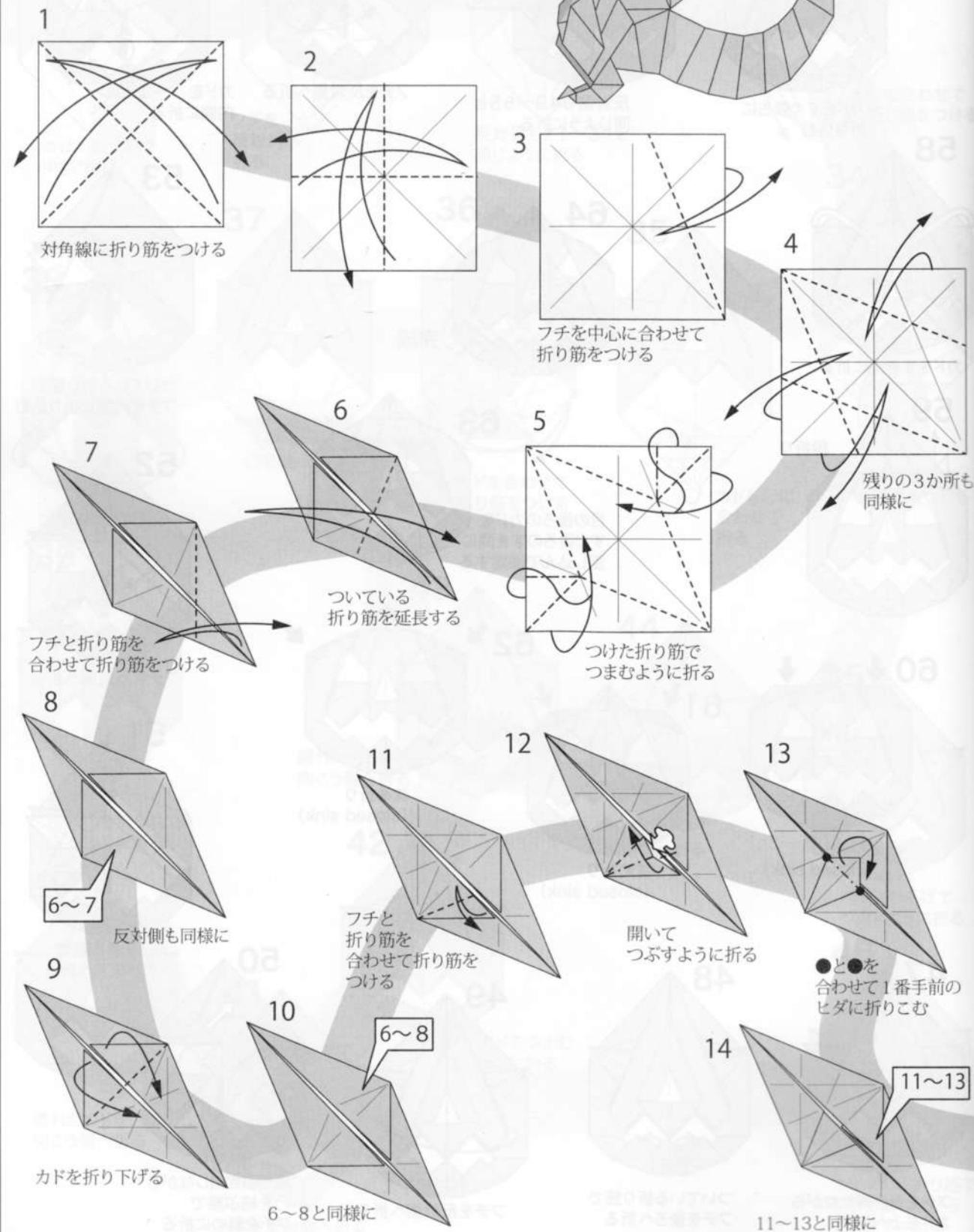
ついている折り筋で
フチを潰しながら
カドを下へ折る

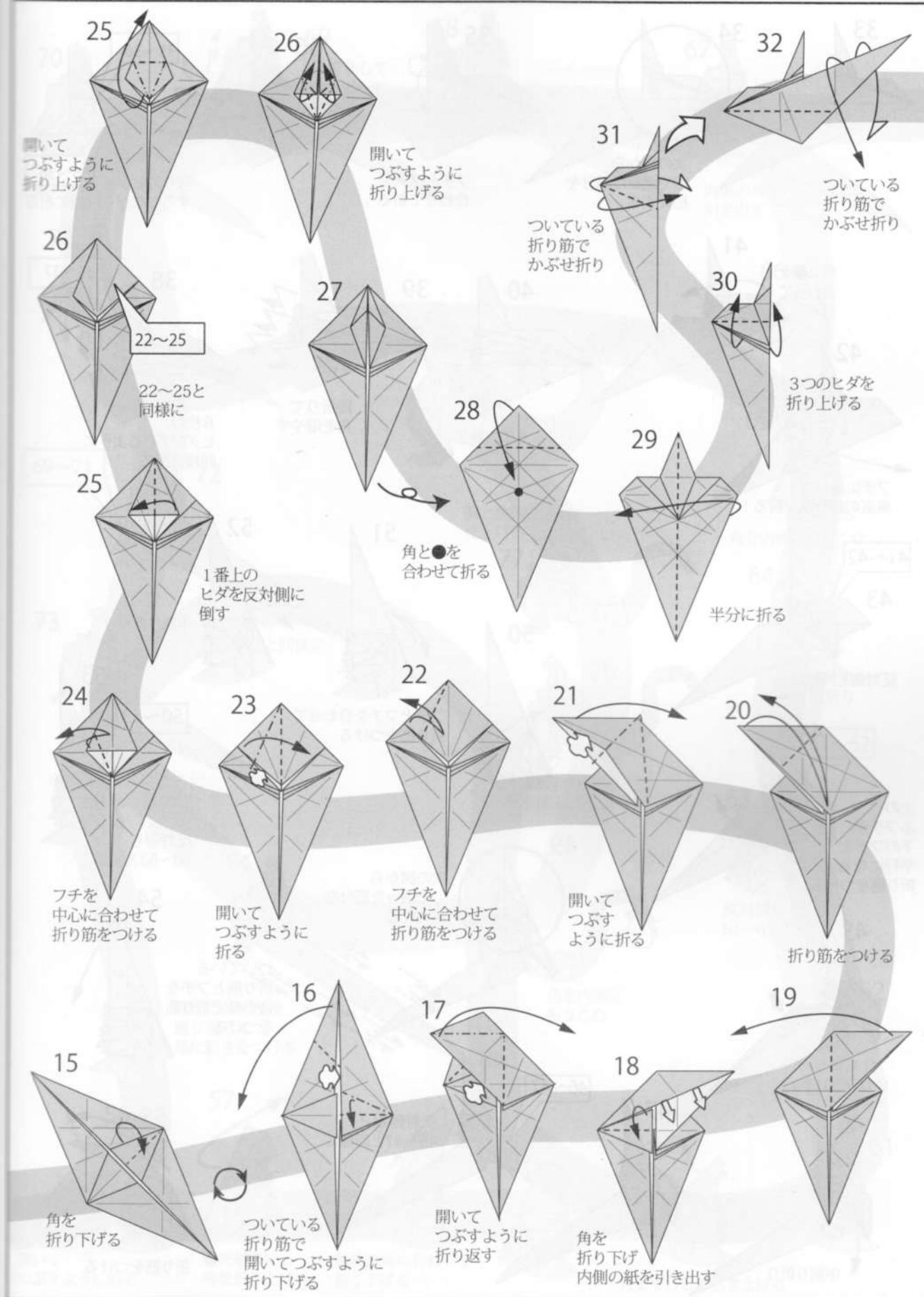


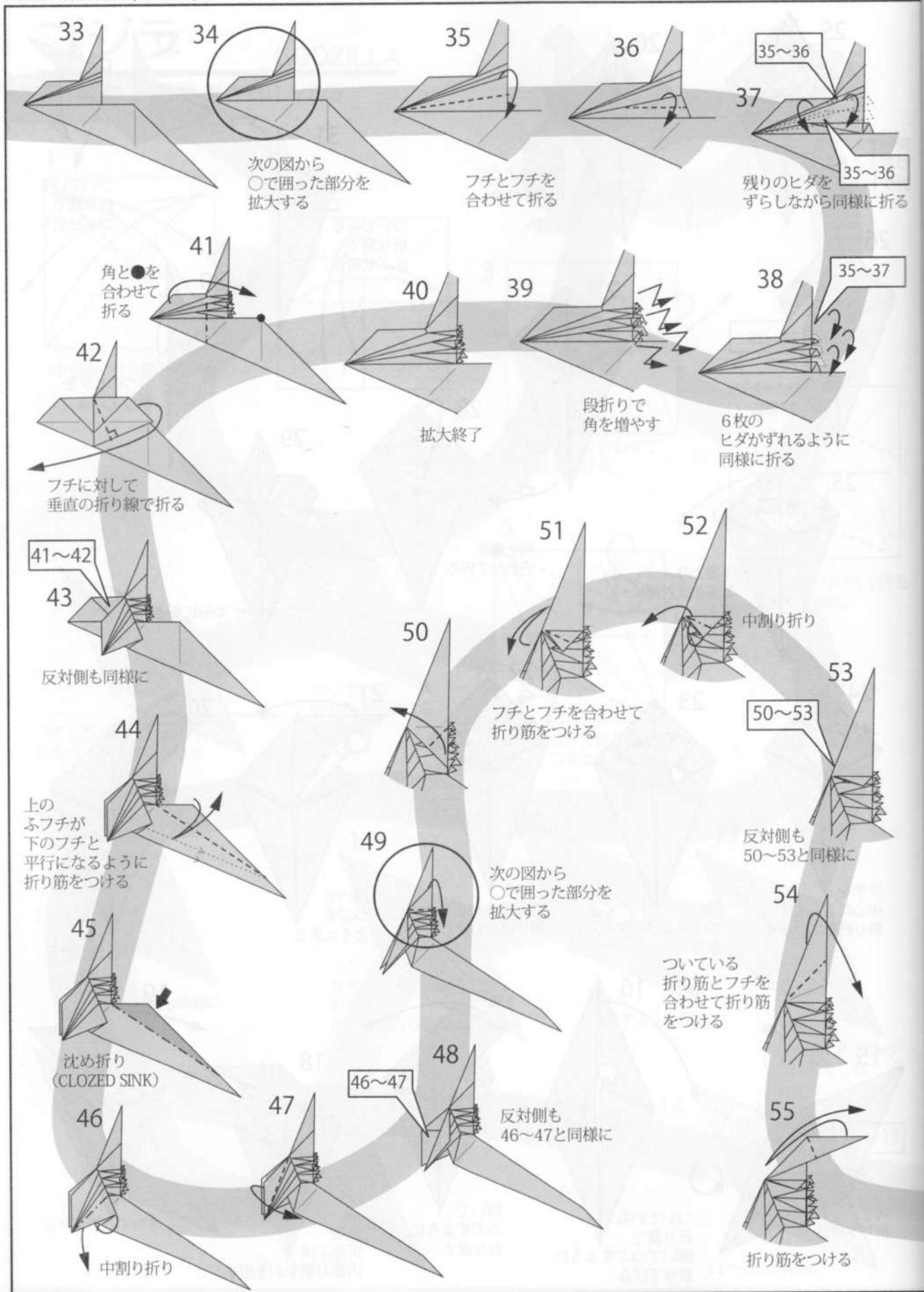
ゴジラ

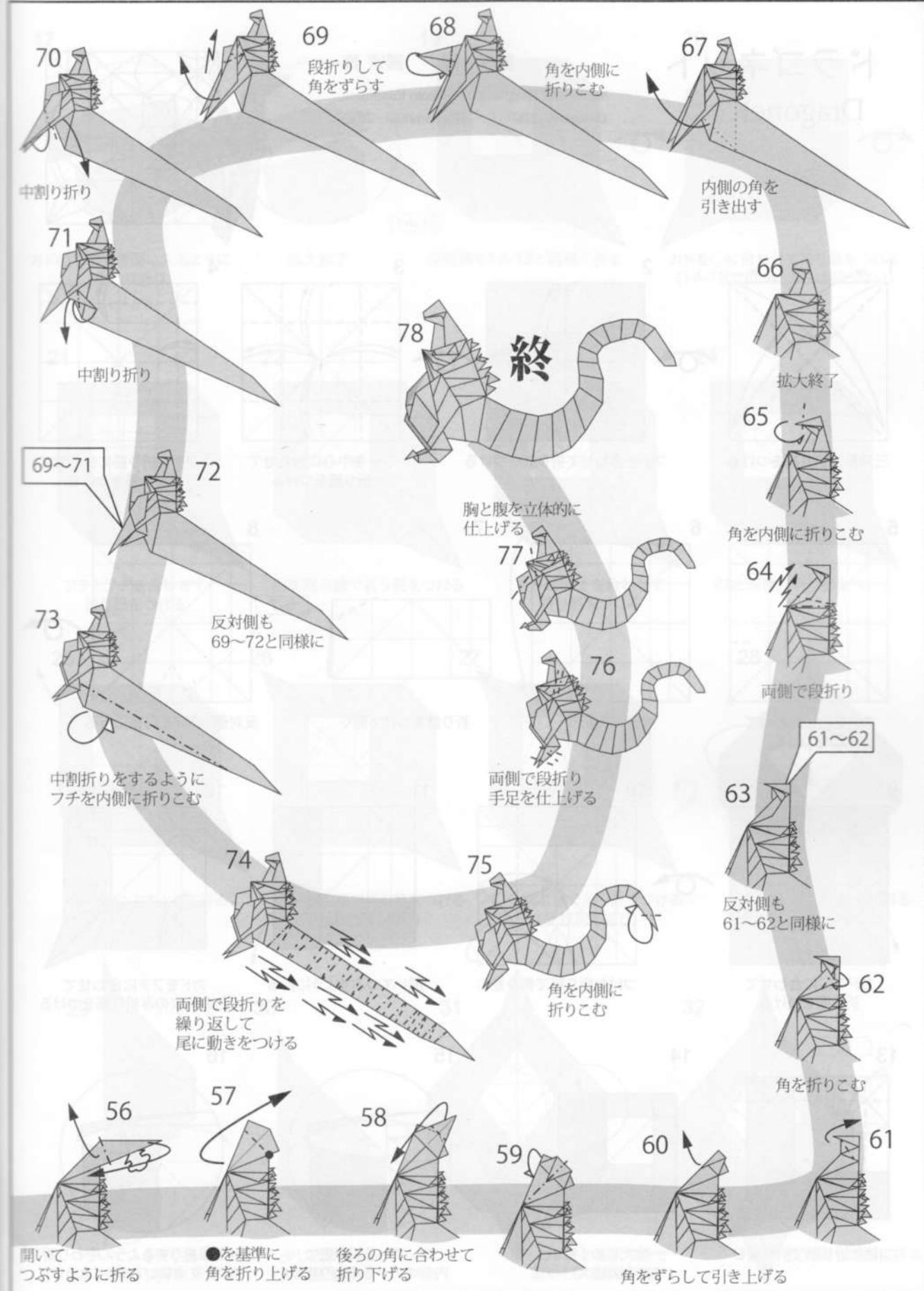
GODZILLA

作・図 井上 岳哉 創作2017/6/5







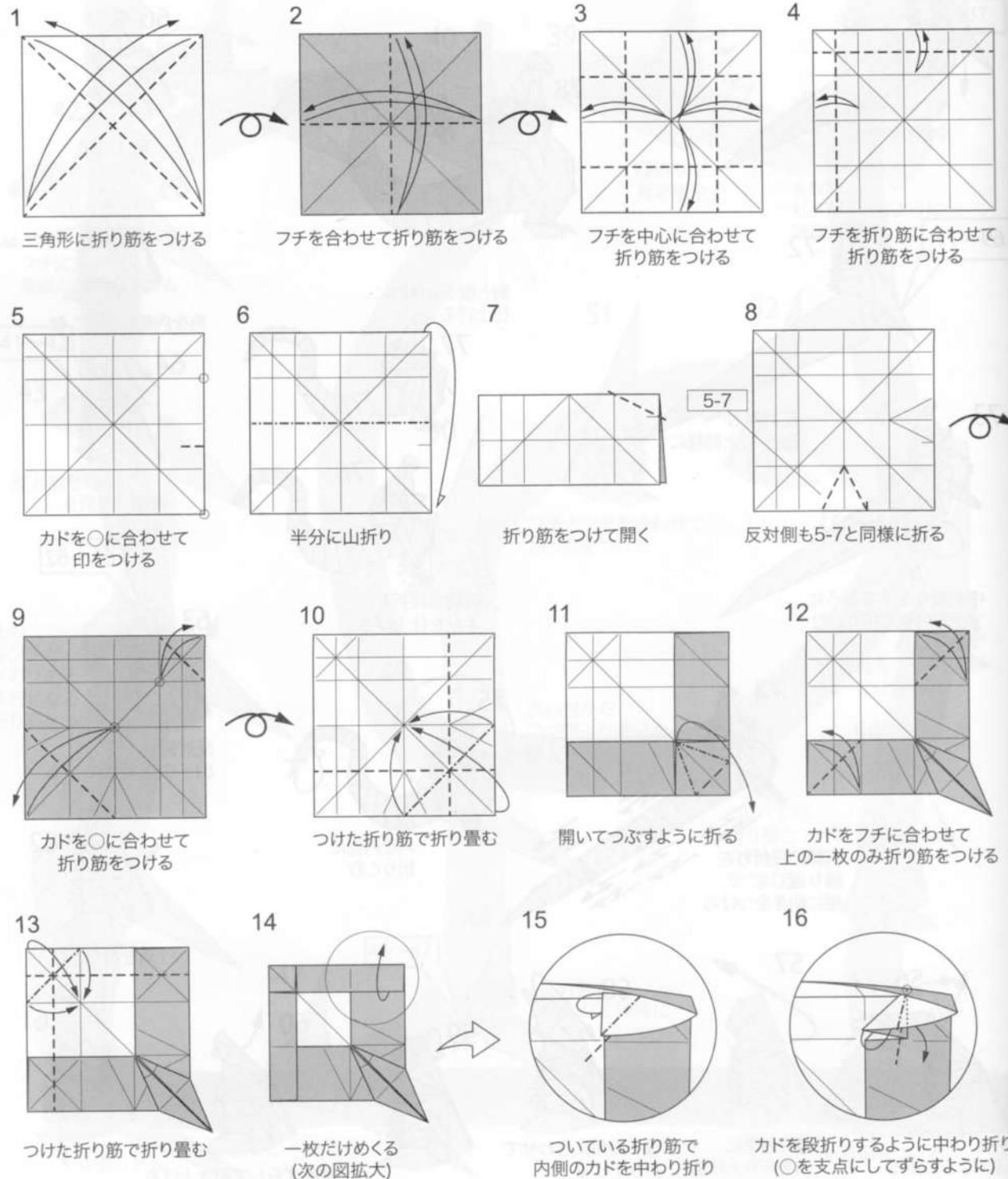
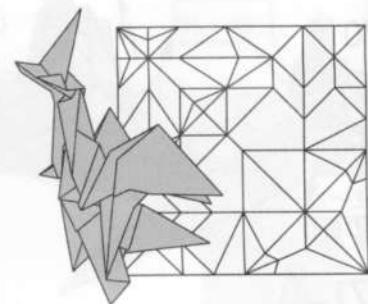


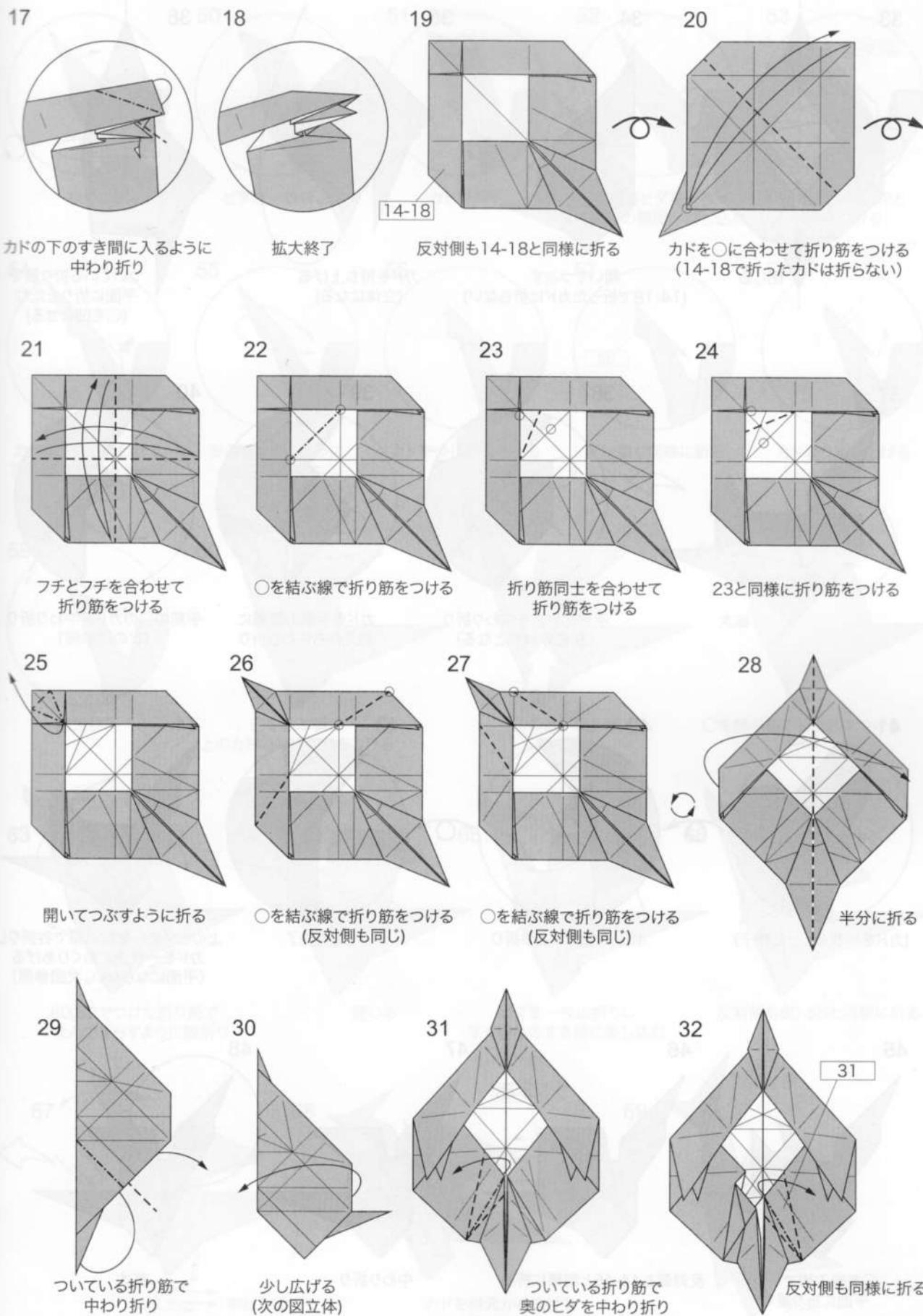
ドラゴネット

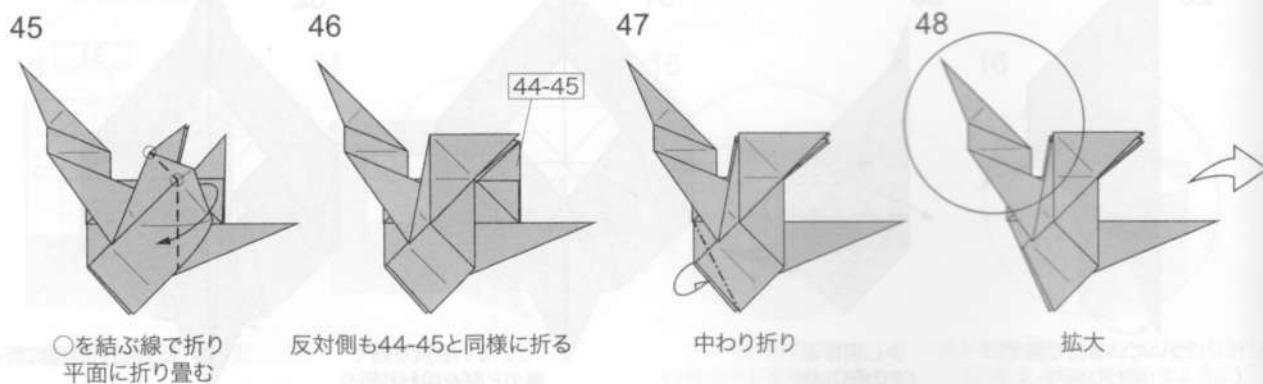
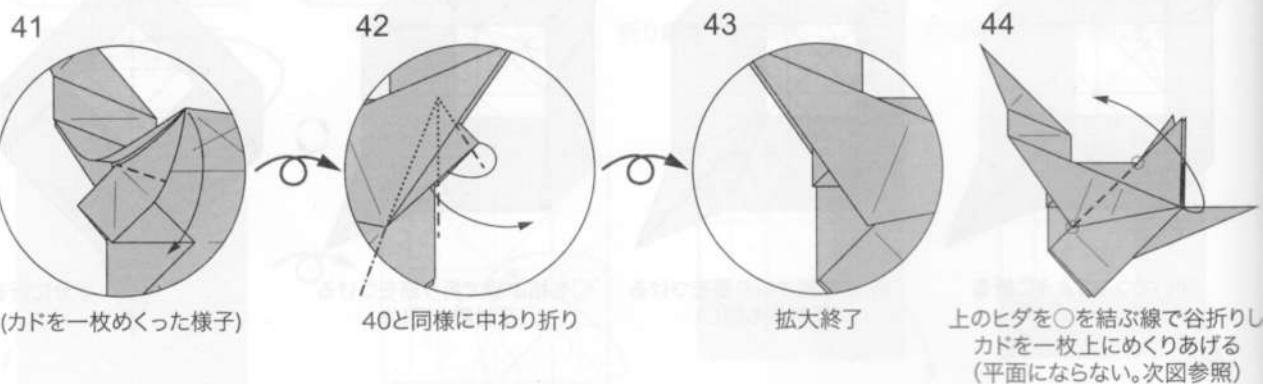
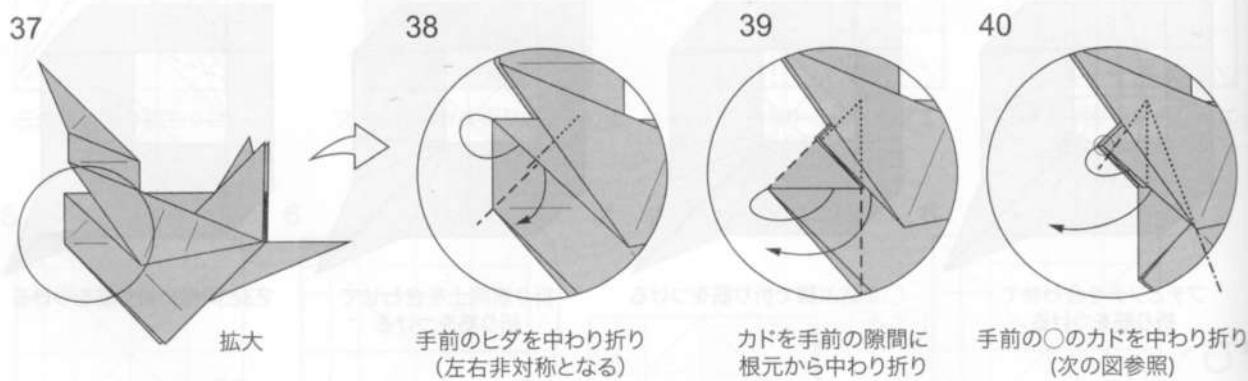
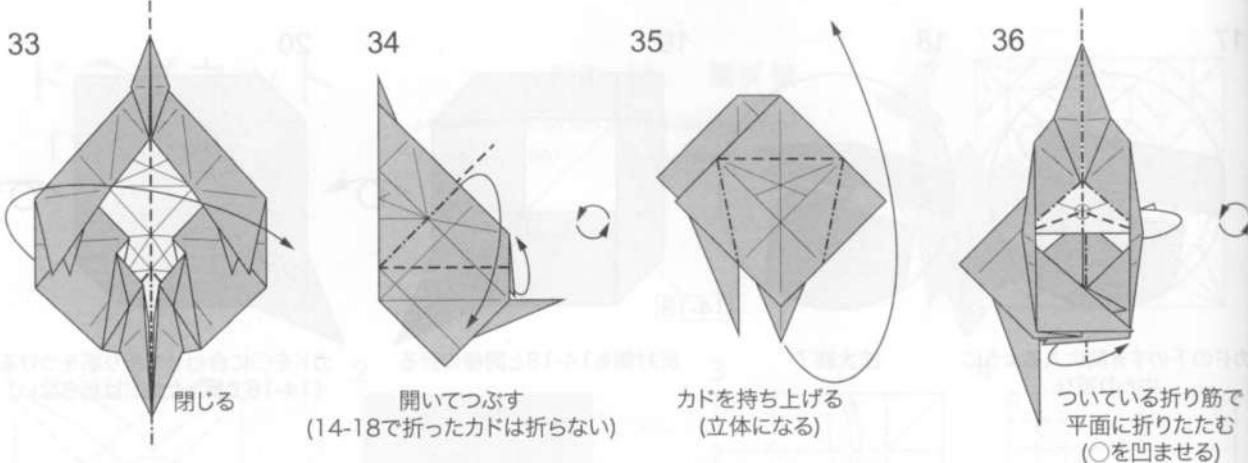
Dragonet

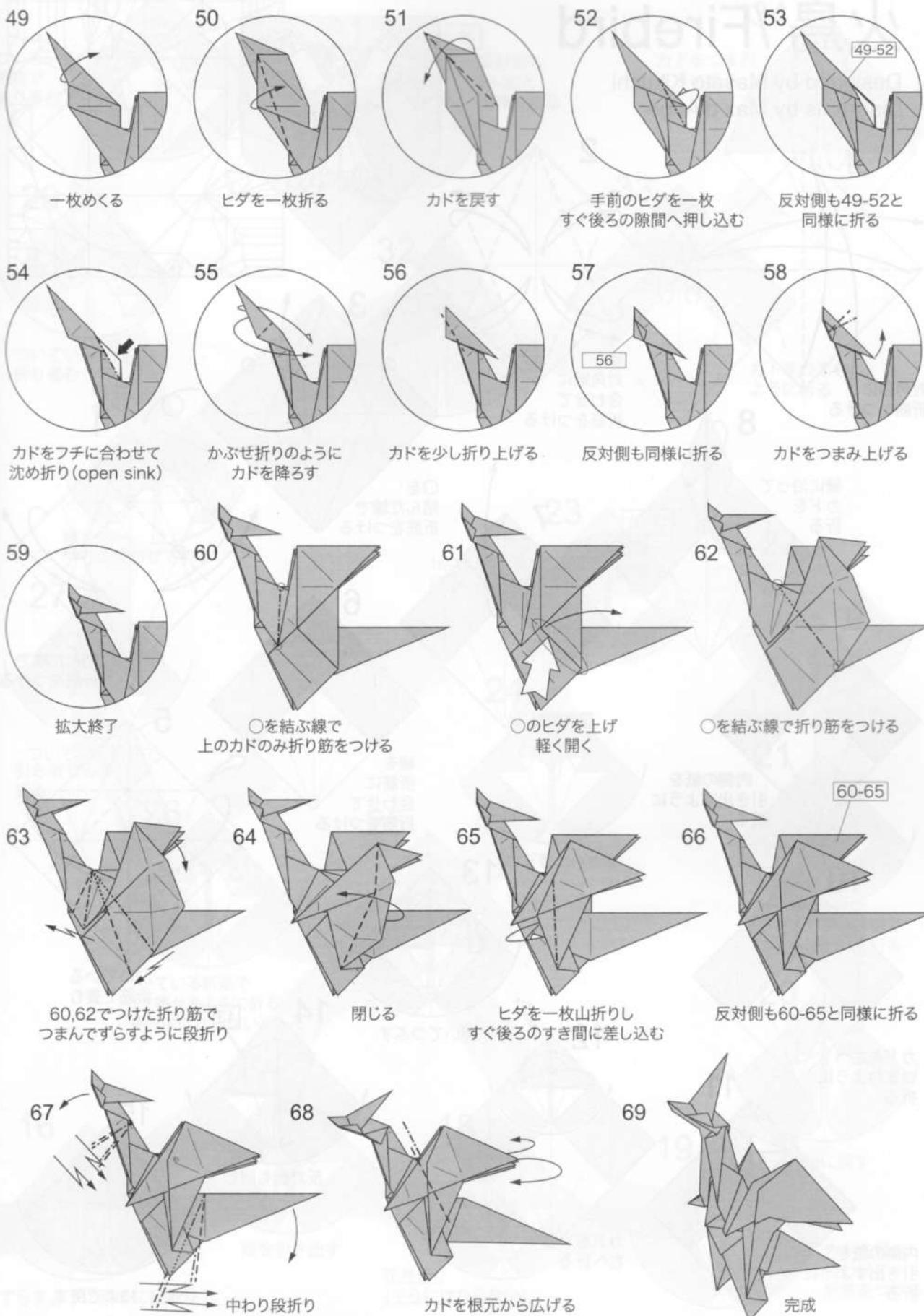
創作・図： 國宗 慎

Model and Diagrams by Makoto Kunimune
Designed : 2007 Diagrammed : 2013



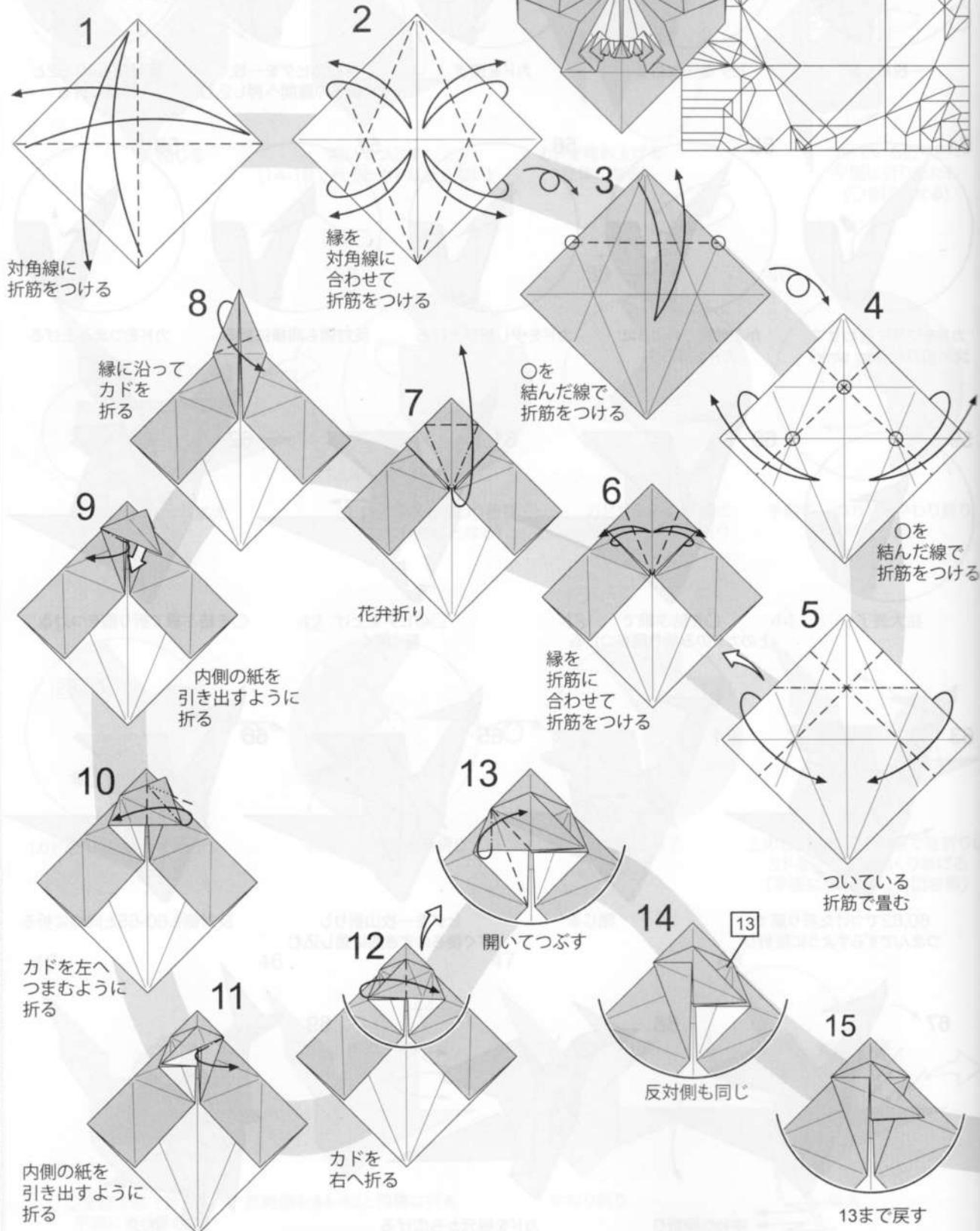


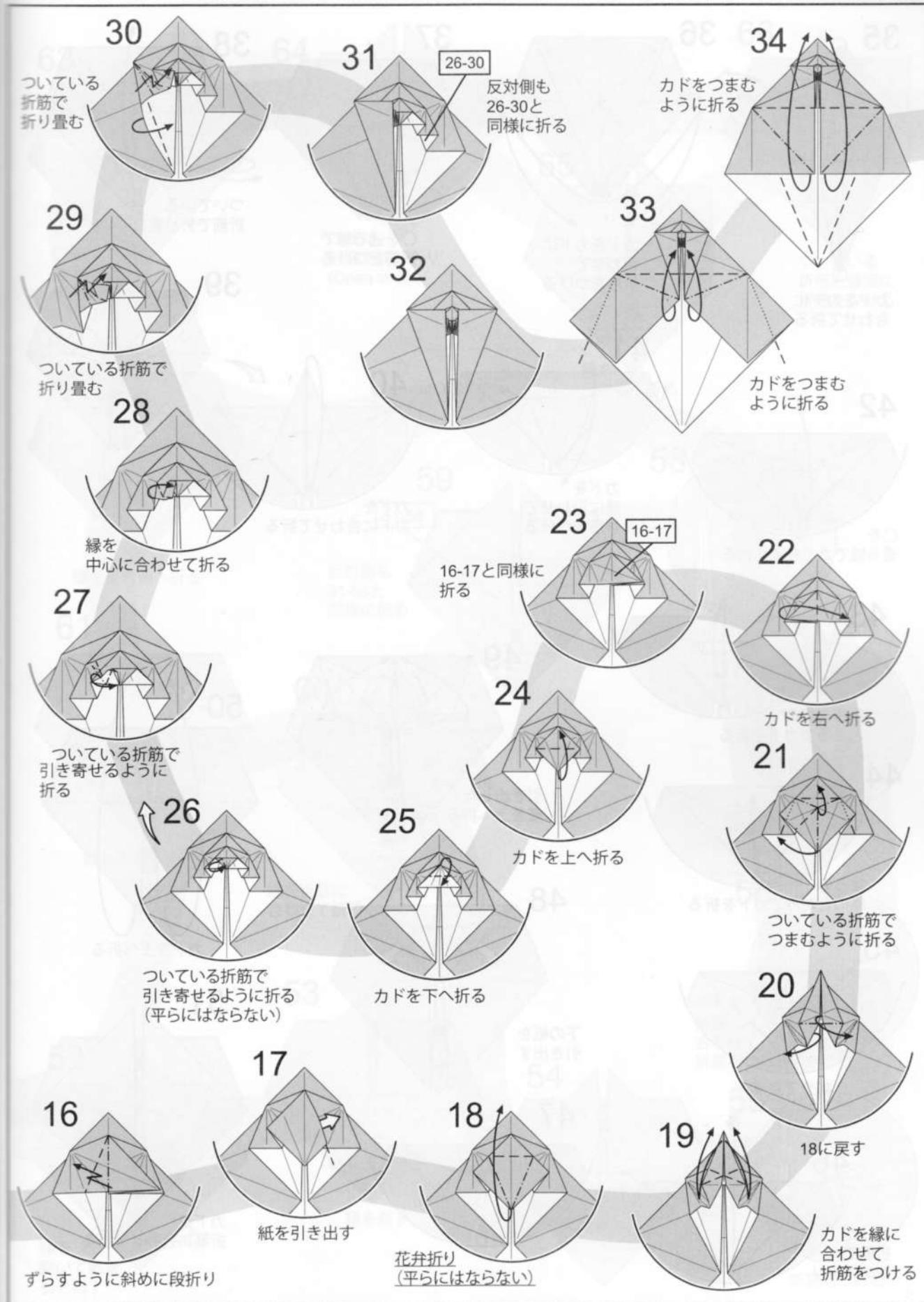


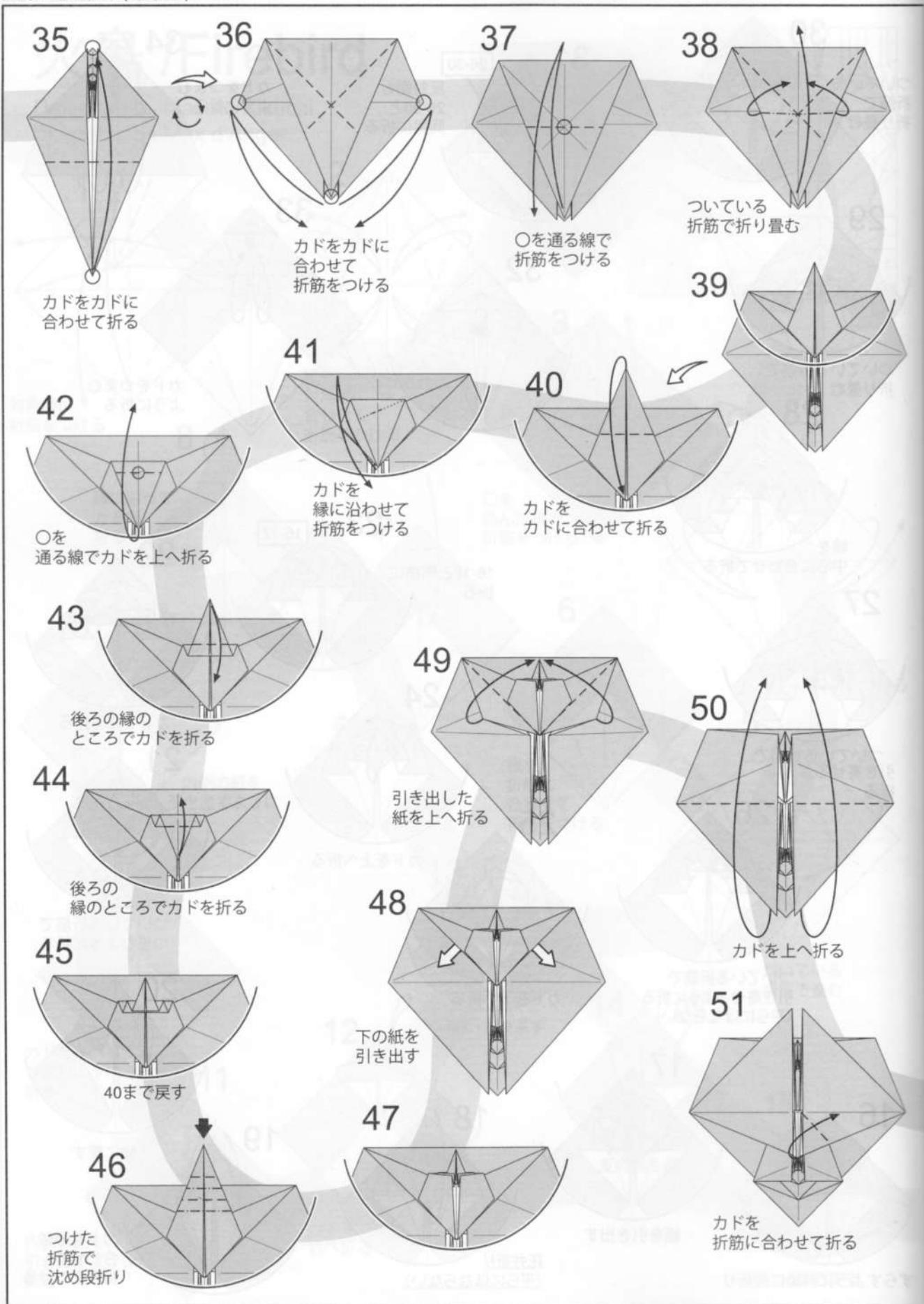


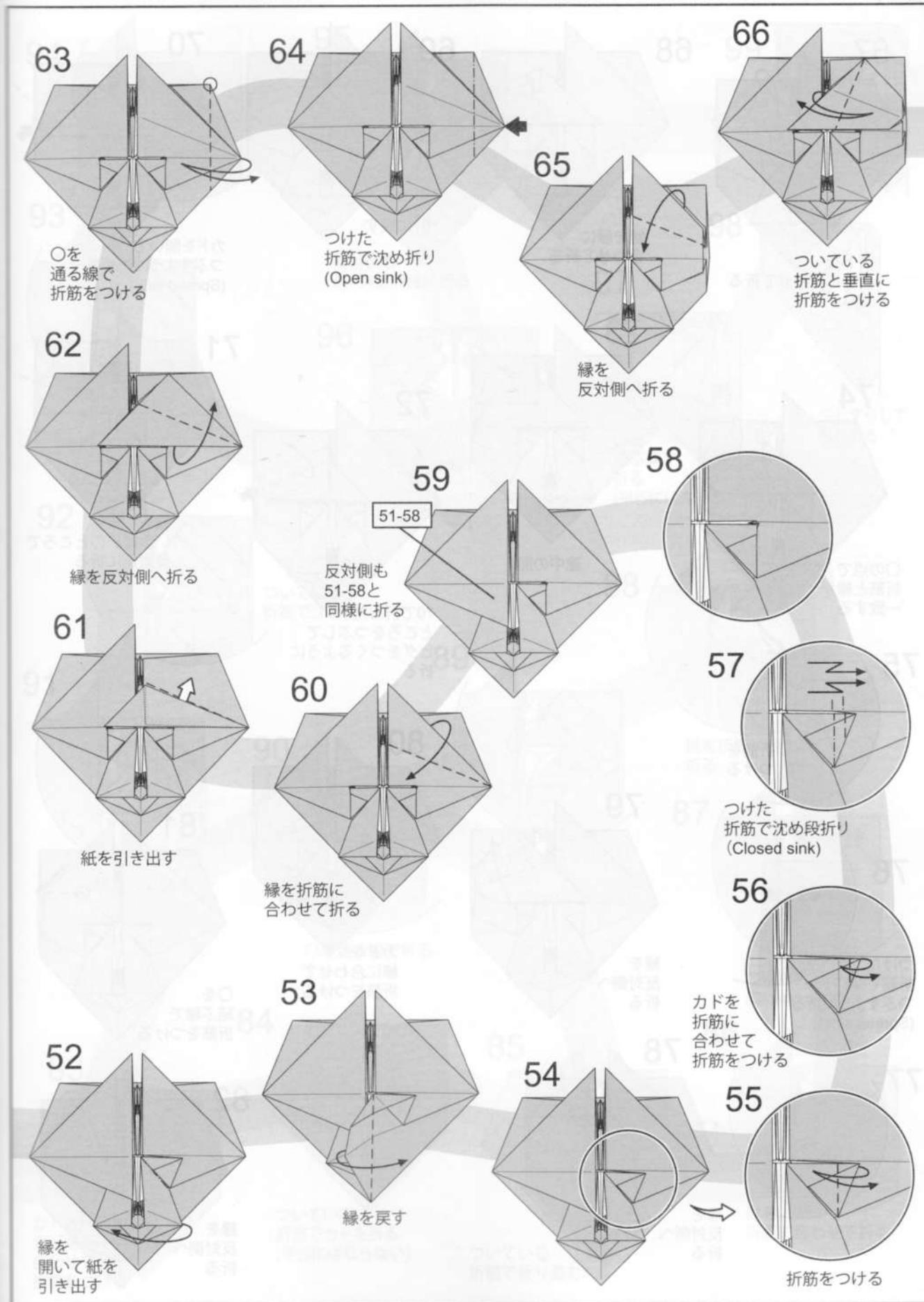
火鳥 / Firebird

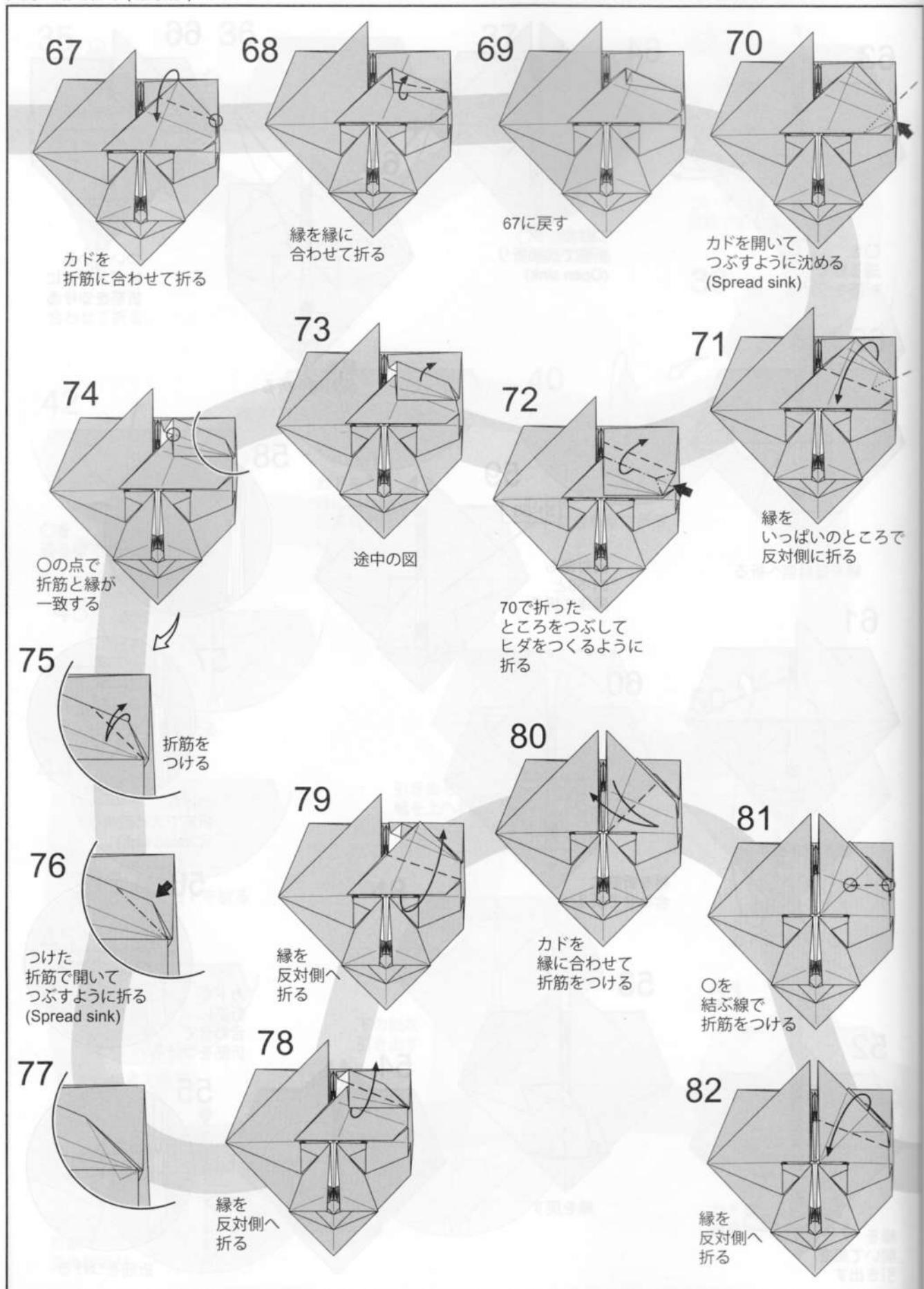
Designed by Masato Kikuchi
Diagrams by Max d'Anger

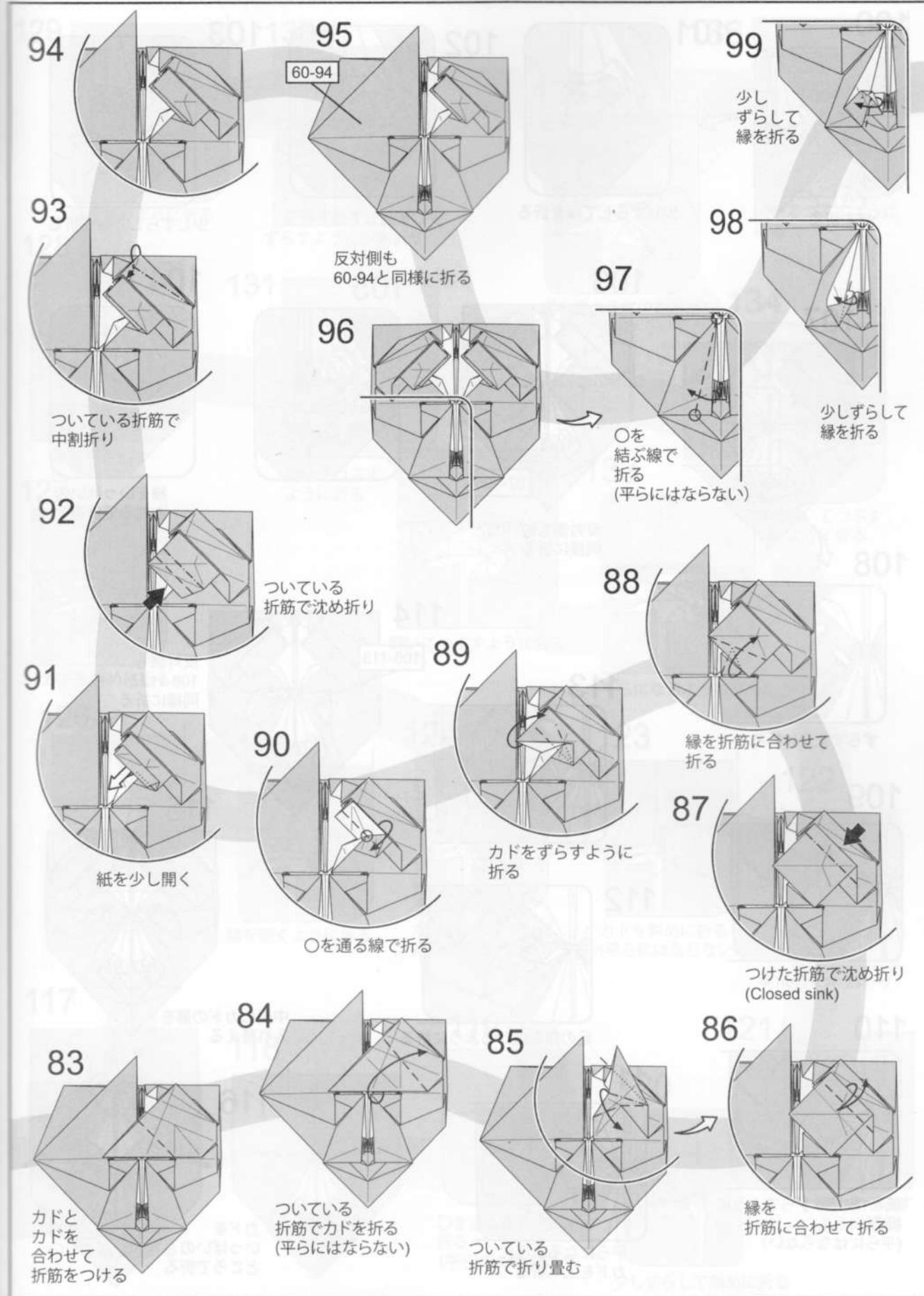










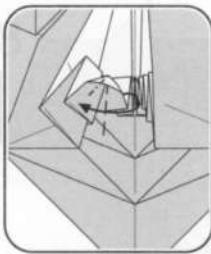


100



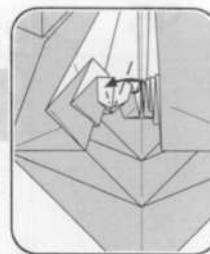
少し
ずらして
縁を折る

101



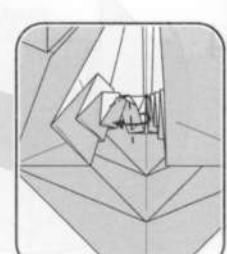
少し
ずらして
縁を折る

102



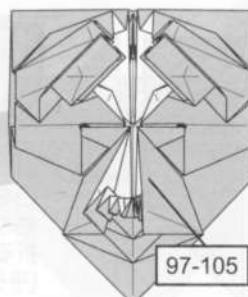
少し
ずらして
縁を折る

103



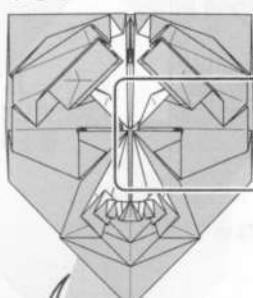
少し
ずらして
縁を折る

106



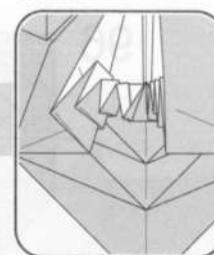
97-105

107

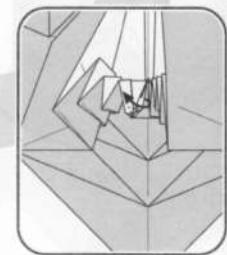


反対側も97-105と
同様に折る

105

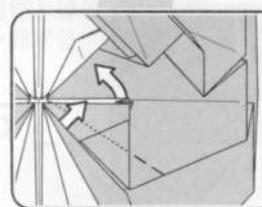


104



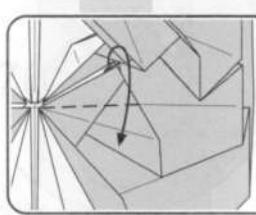
縁をいっぱいの
ところで折る

108



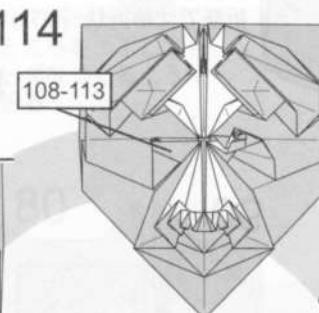
ずらすように折る

109

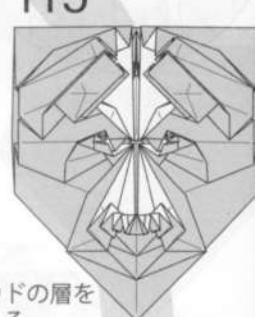


カドを下へ折る

114

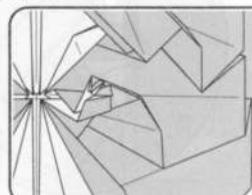


115

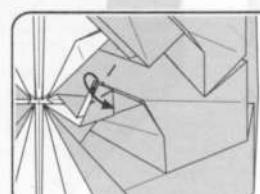


中央のカドの層を
入れ替える

113

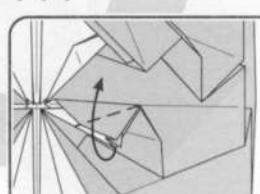


112



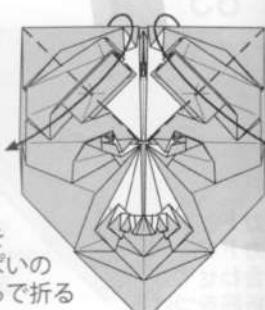
足の指を広げるよう
に折る

111

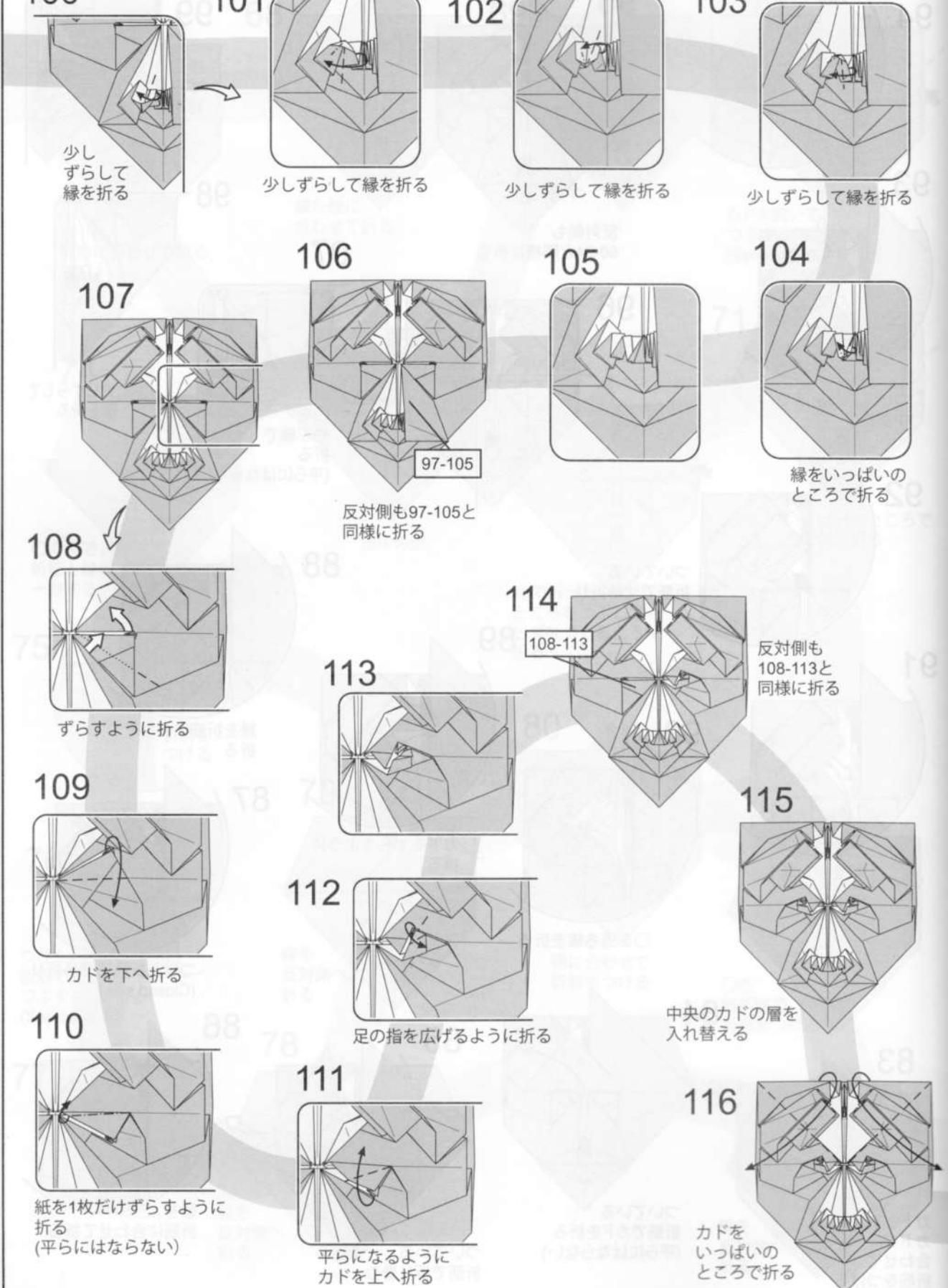


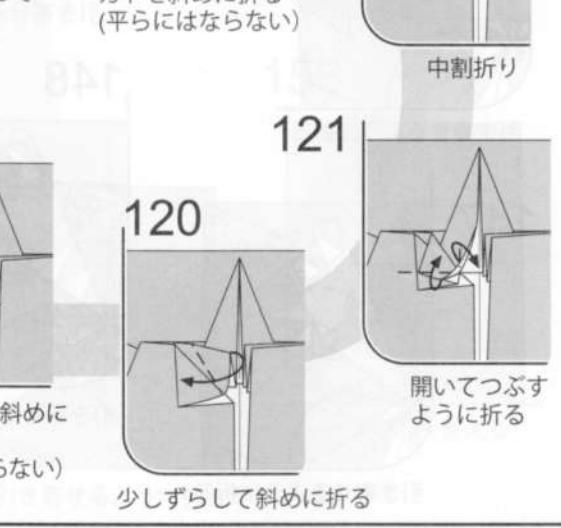
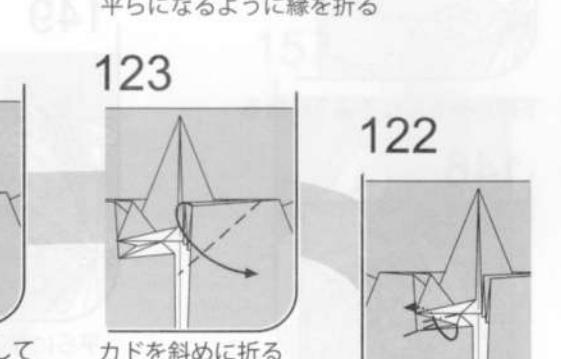
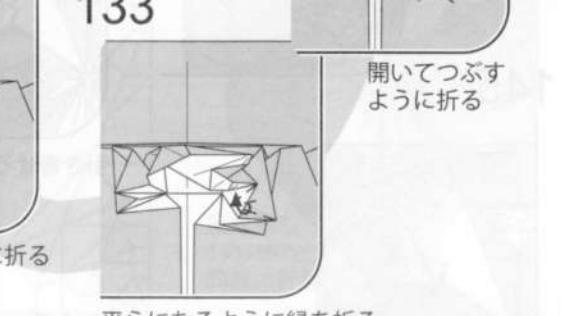
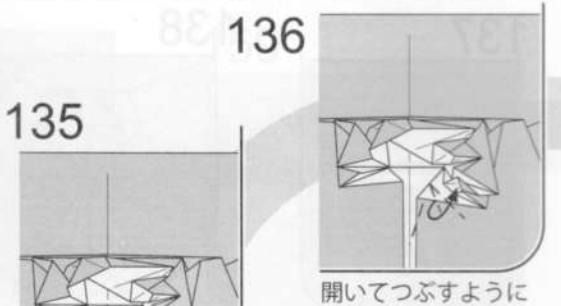
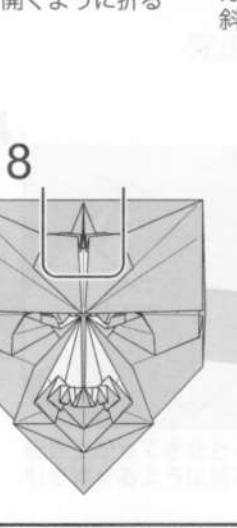
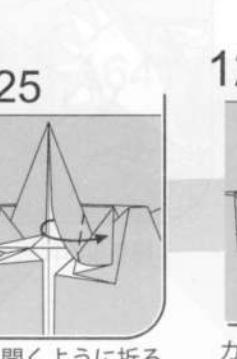
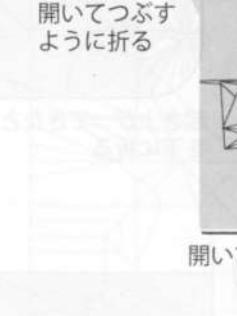
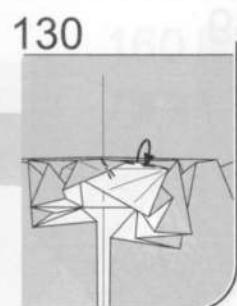
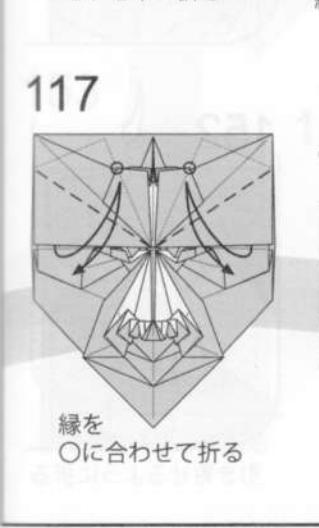
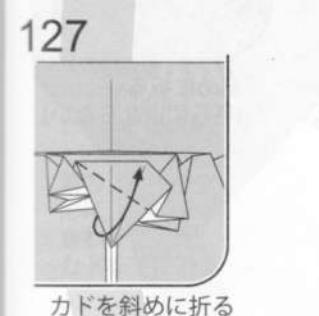
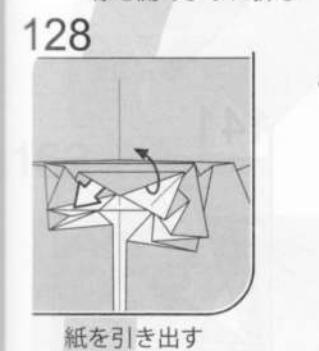
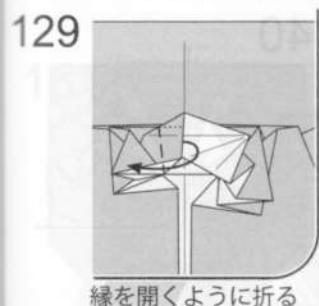
平らになるよう
にカドを上へ折る

116



カドを
いっぱいの
ところで折る

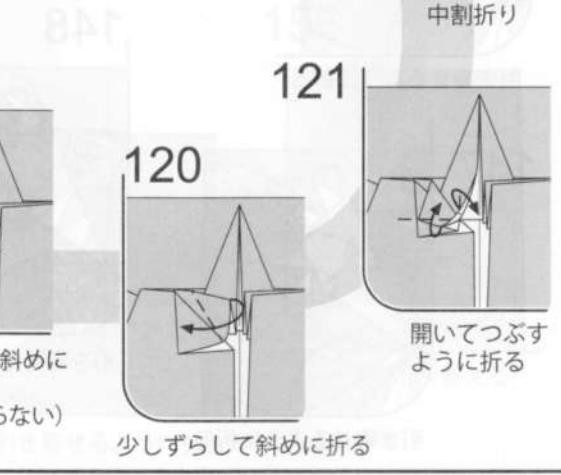




少しづらして斜めに折る

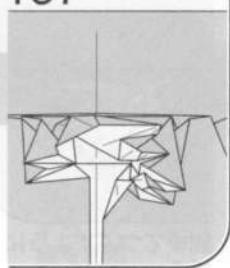


○を通る線で斜めに折る
(平らにはならない)

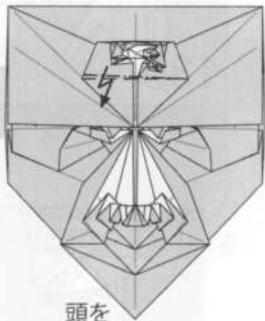


少しづらして斜めに折る

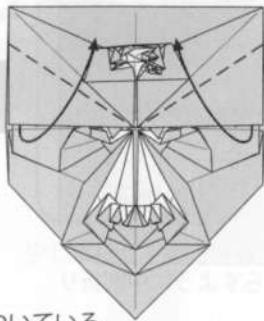
137



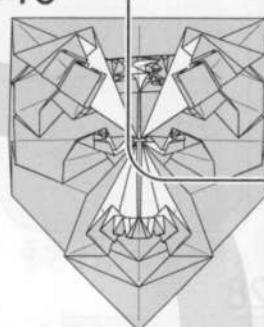
138



139

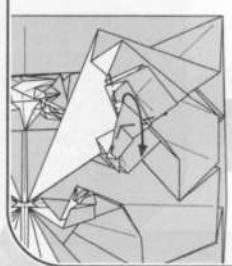


140

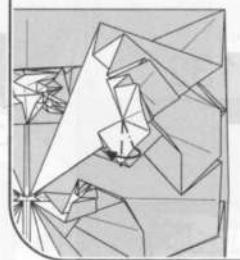


144

起き上がってきたところを下に折る

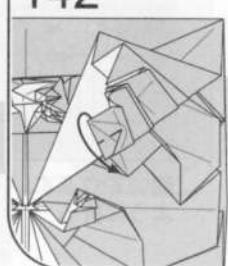


143



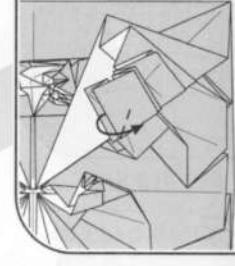
引き寄せるように折る

142



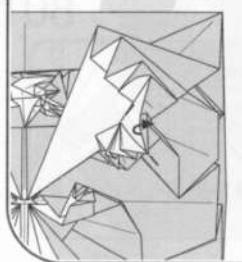
起き上がってきたところを下に折る

141



斜めに折る
(平らにはならない)

145



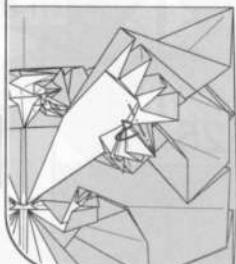
下部が平らになるように折る

146



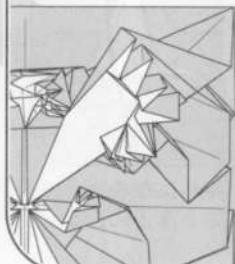
引き寄せるように折る

150

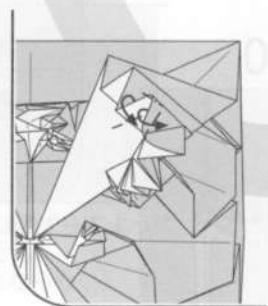


縁を後ろに折る

151

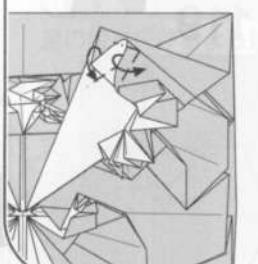


147



引き寄せるように折る

148

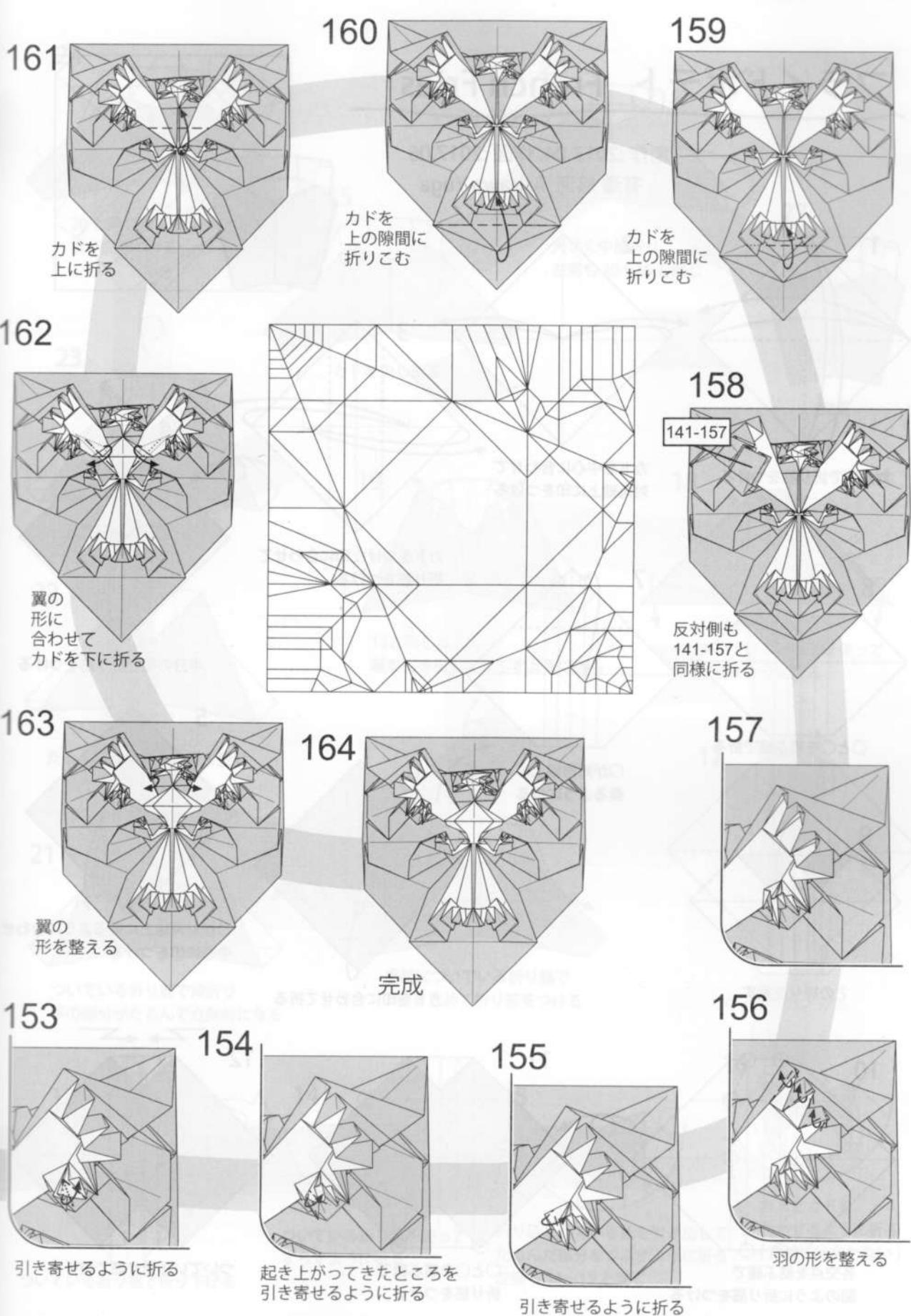


引き寄せるように折る

152



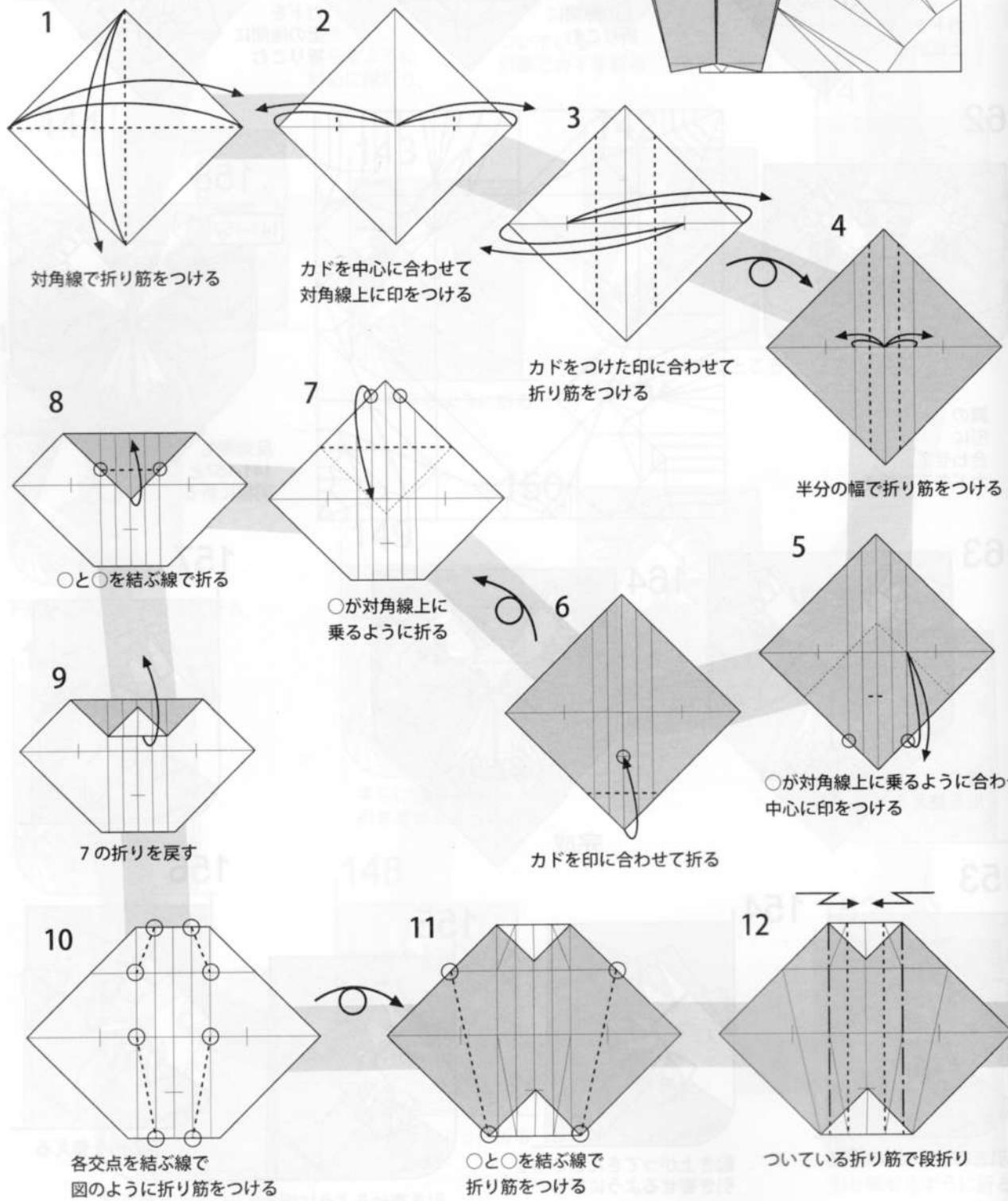
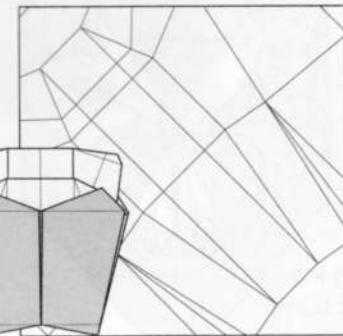
引き寄せるように折る

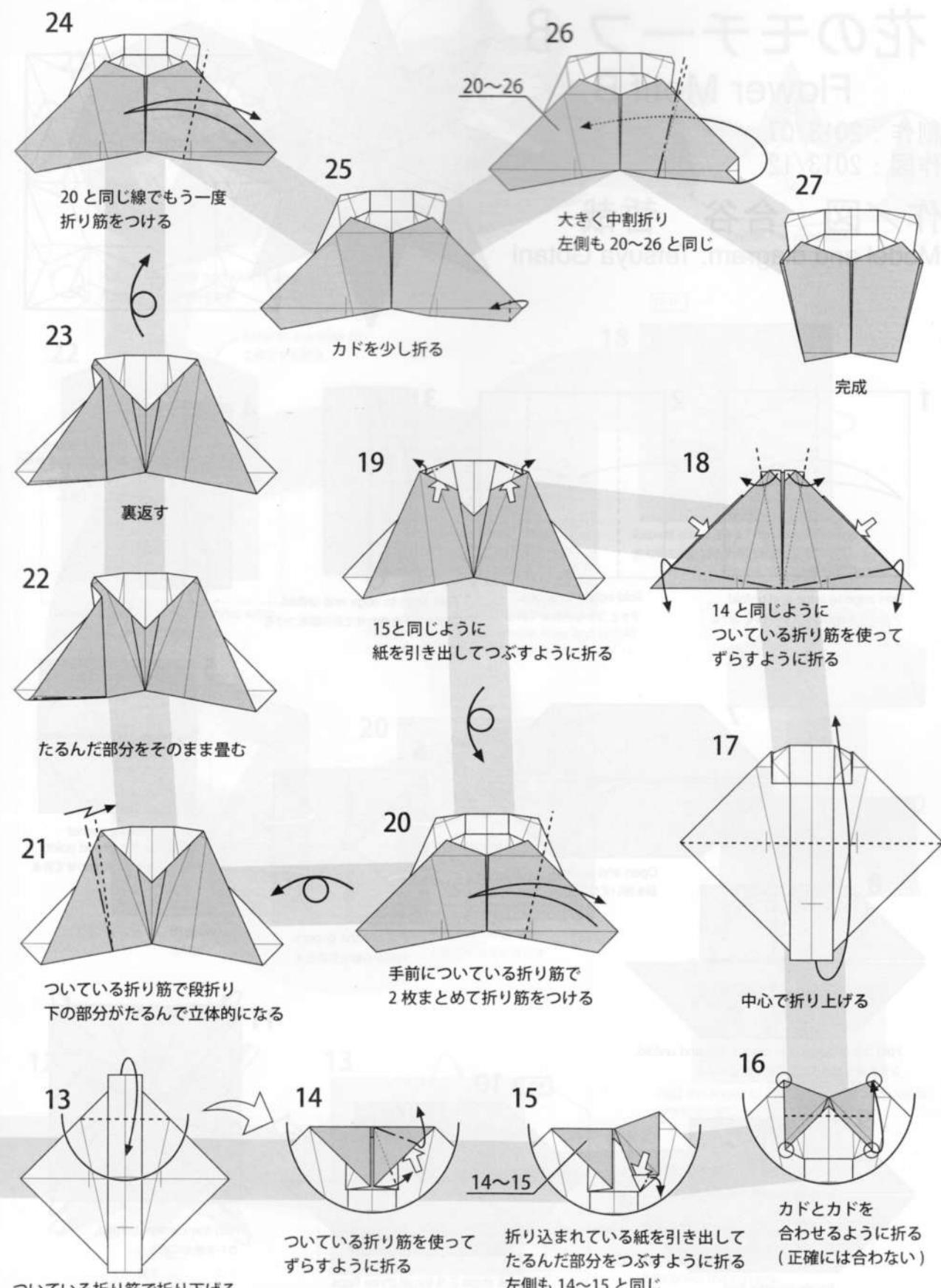


フライドポテト French Fries

創作:2017.04. 作図:2017.06

有澤 悠河 Arisawa Yuga





花のモチーフ B

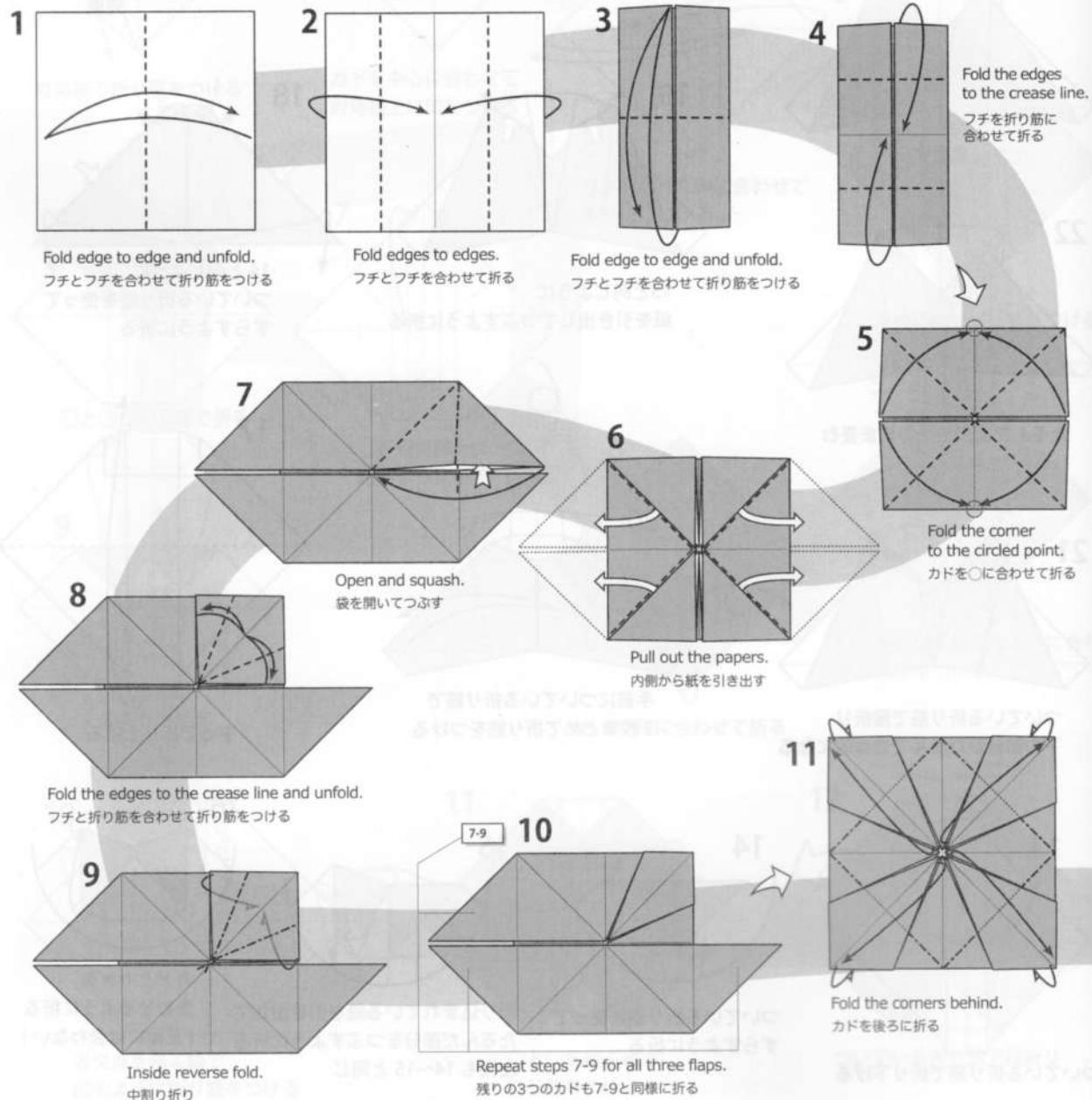
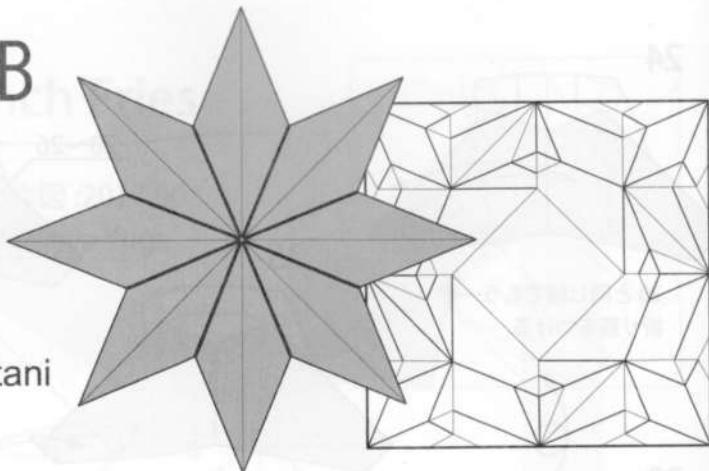
Flower Motif B

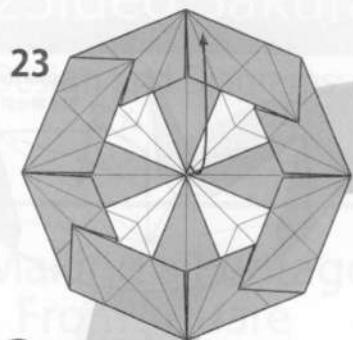
創作 : 2013/07

作図 : 2013/12

作／図 : 合谷 哲哉

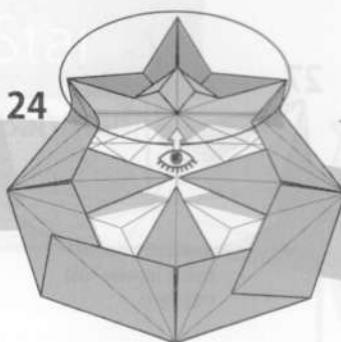
Model and diagram: Tetsuya Gotani





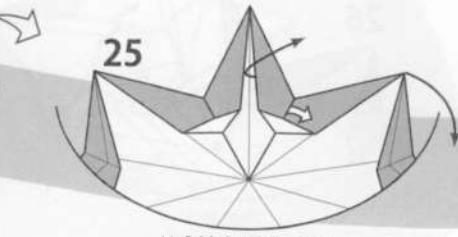
23

Pull up the coner and look inside.
カドをひっぱり内側を見る

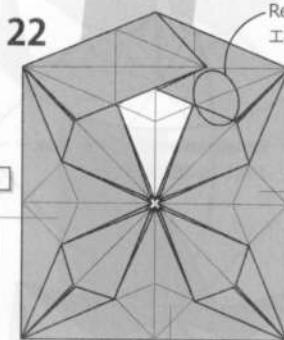


24

25



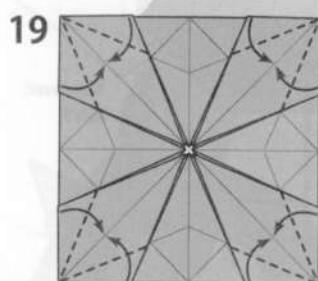
Unfold the right side.
右側だけ開く



22

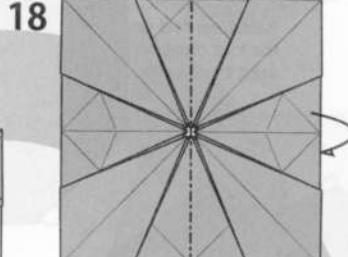
Refer to the step 25.
工程25を参照

20-21
Repeat steps 20-21 for all three sides.
他の3ヶ所も20-21と同様に折る



19

Fold the edges to the crease lines and unfold.
チチを折り筋に合わせて折り筋をつける



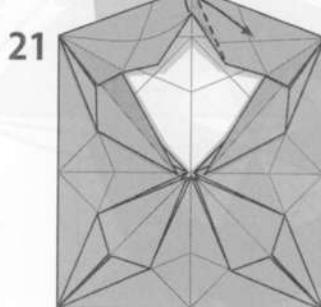
18

13-17
Repeat steps 13-17 on the other side
反対側も13-17と同様に折る



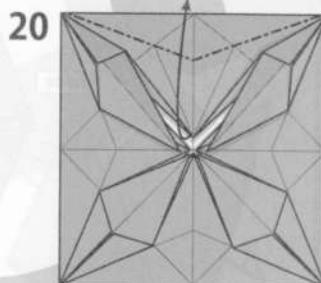
17

Unfold.
戻す



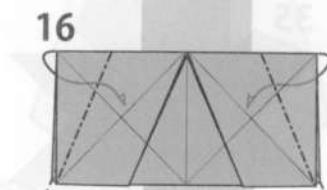
21

In progress...
途中図



20

Pull out the paper.
内側から紙を引き出す



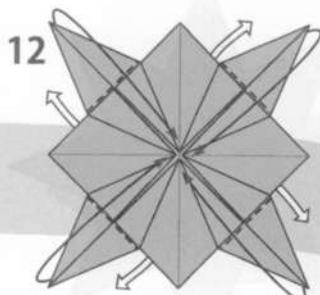
16

Inside reverse fold.
中割り折り



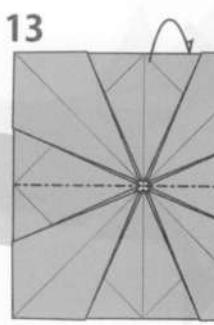
15

Fold the edges to the crease lines and unfold.
チチを折り筋に合わせて折り筋をつける



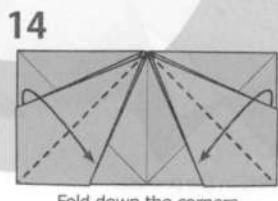
12

Unfold.
戻す



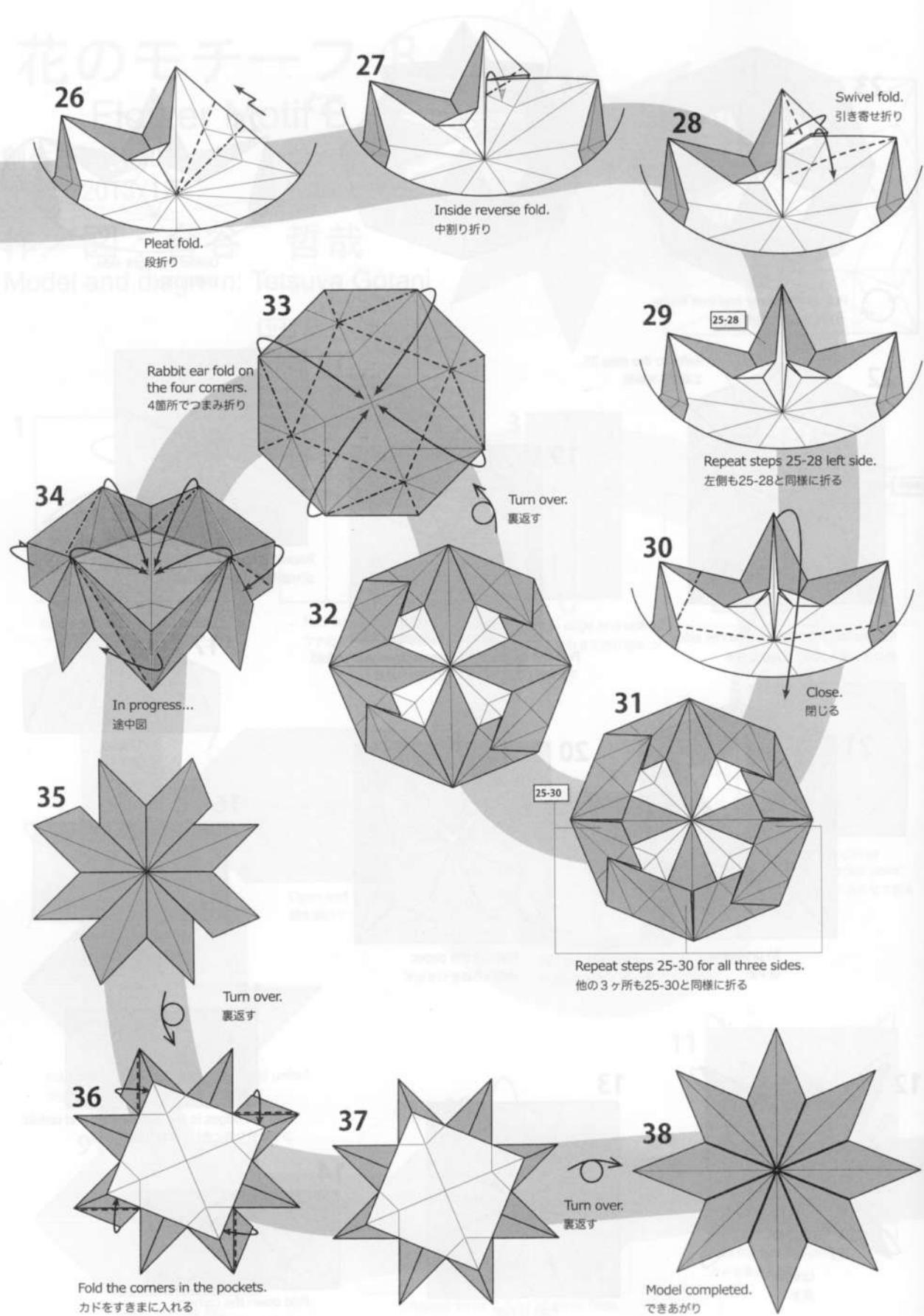
13

Fold in half.
半分に折る



14

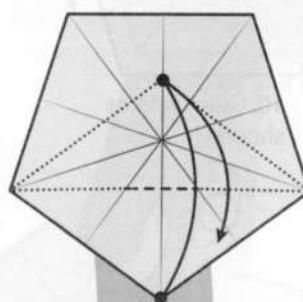
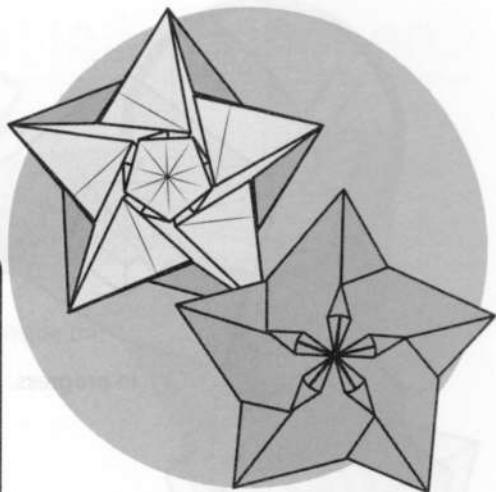
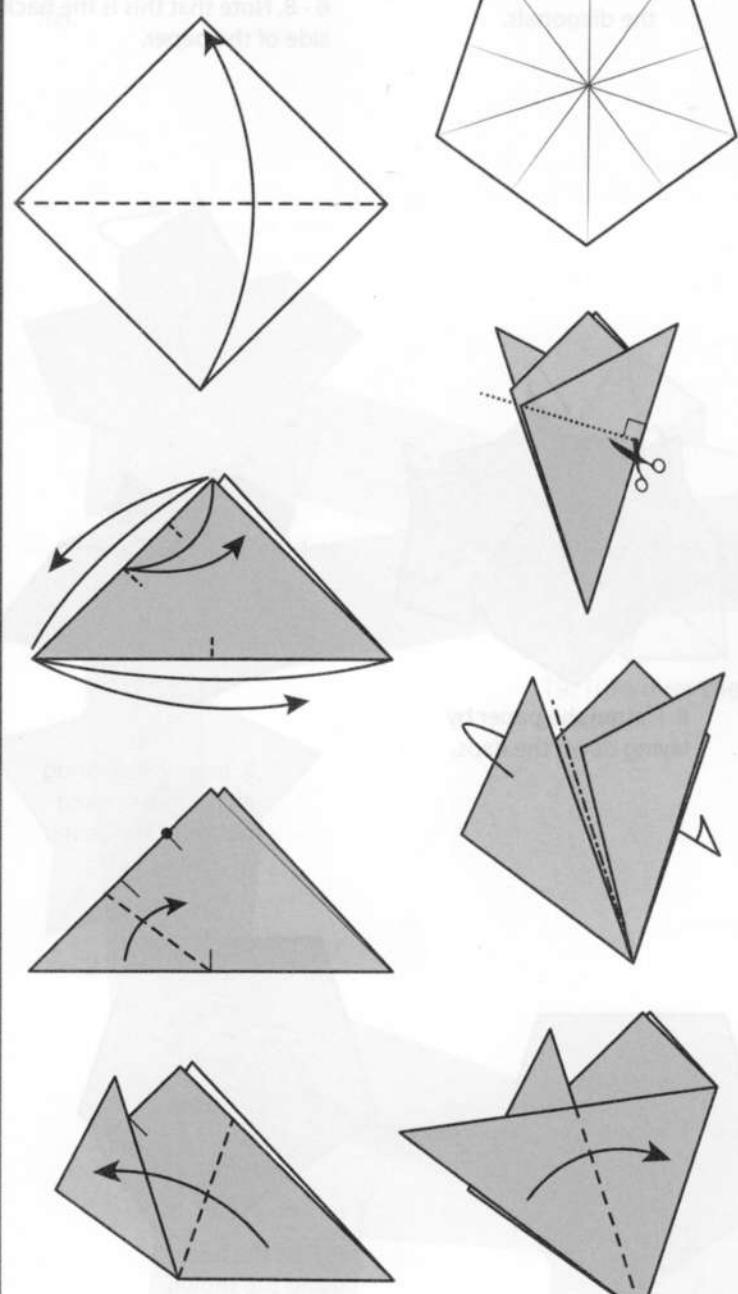
Fold down the corners.
カドを折り下げる



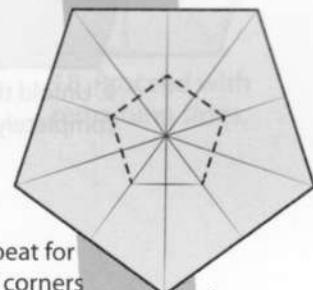
2Sided Sakura Star

Design and Diagrams: Ali Bahmani

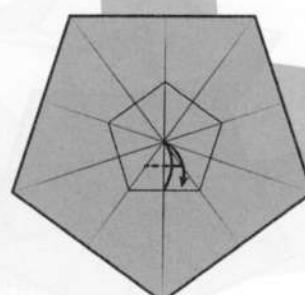
Making a Pentagon From Square



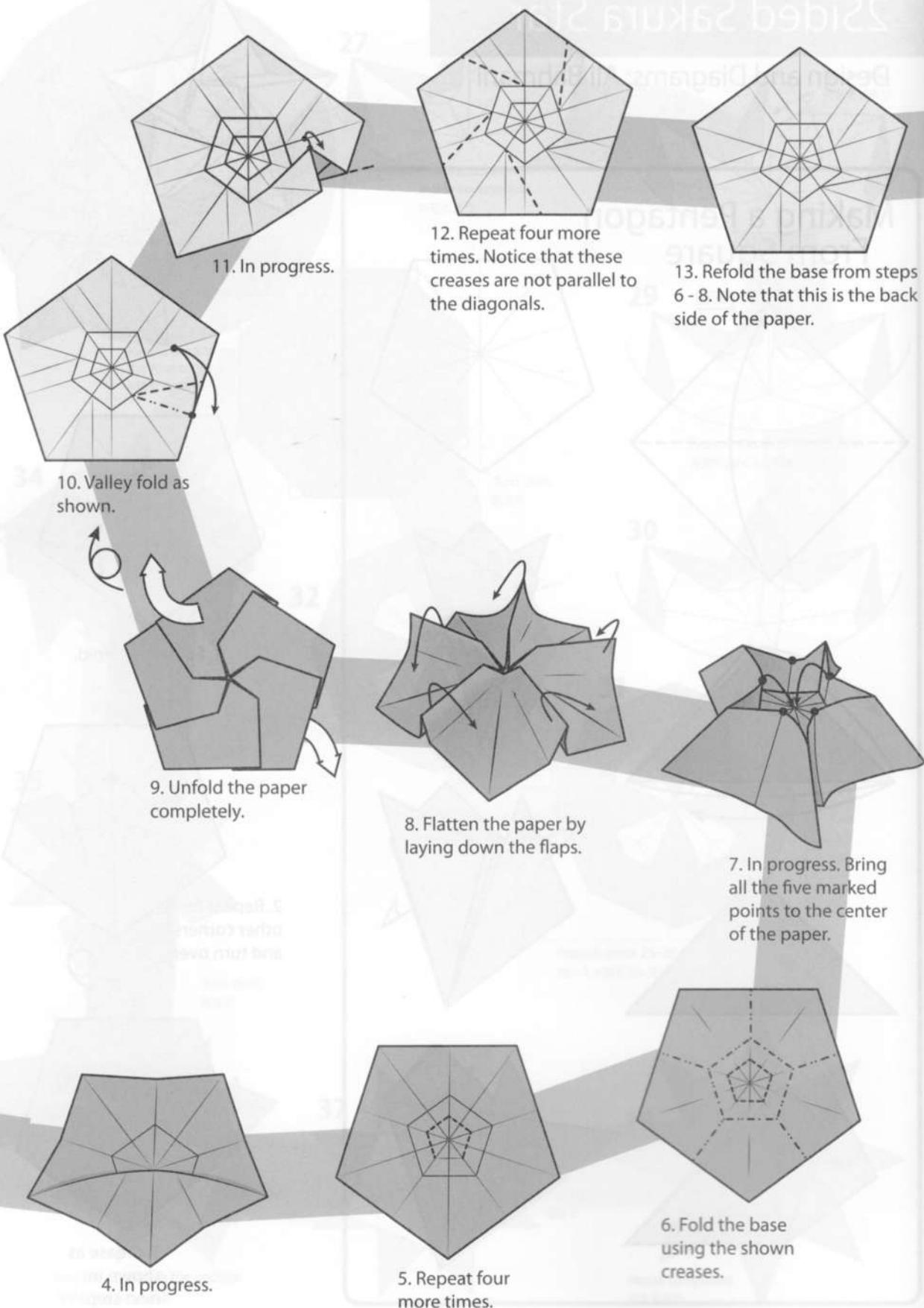
1. Fold and unfold.

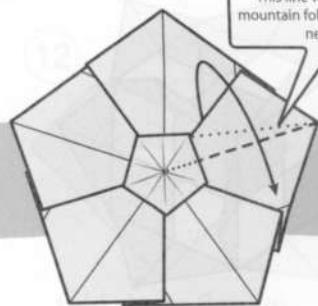


2. Repeat for other corners and turn over.

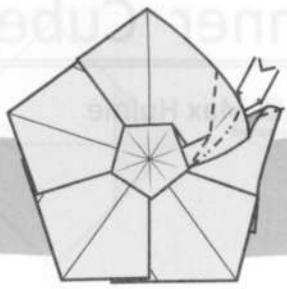


3. Crease as shown in next step.





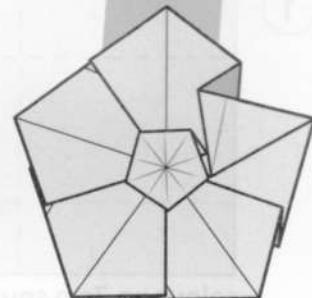
14. Turn the flap to the other side. The paper would not be flat.



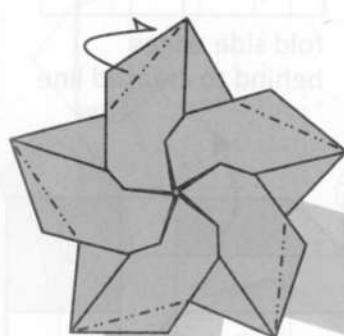
15. Slide your finger inside the flap and squash.



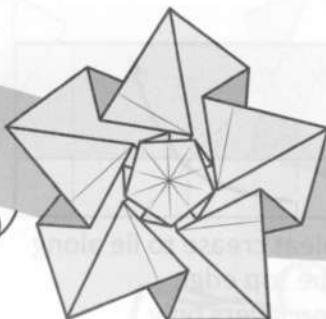
16.



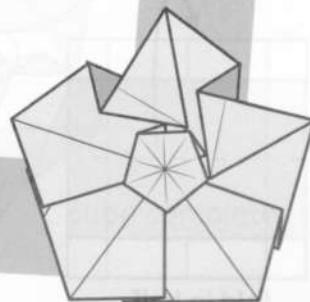
17. Repeat four more times.



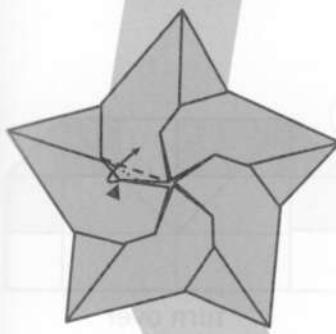
20. Mountain fold as shown.



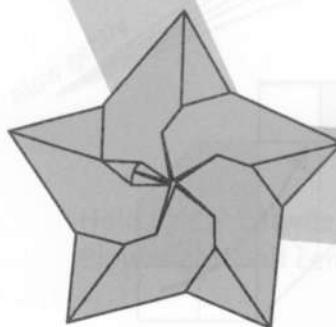
19. Turn over the model.



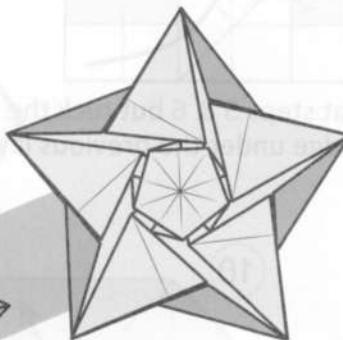
18. Proceed with remaining sides.



21. Sink fold.



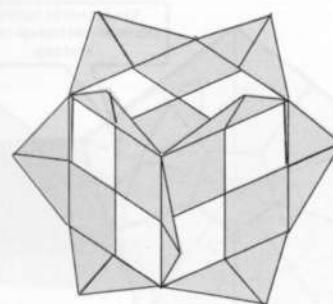
22. Repeat four more times.

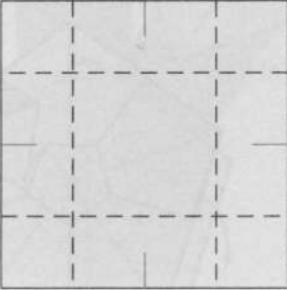
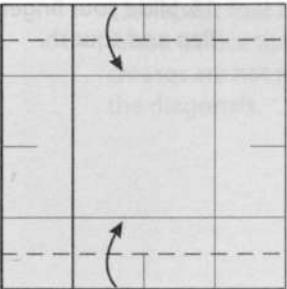
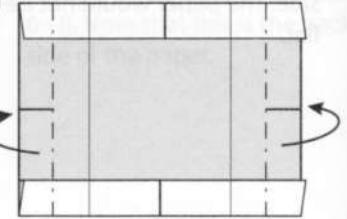
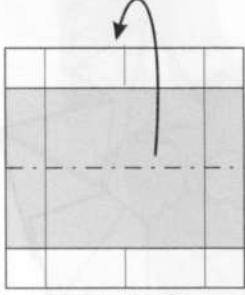
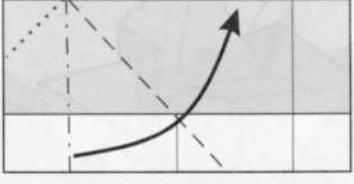
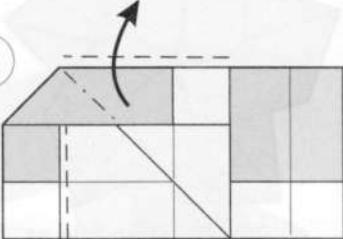
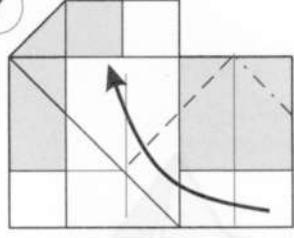
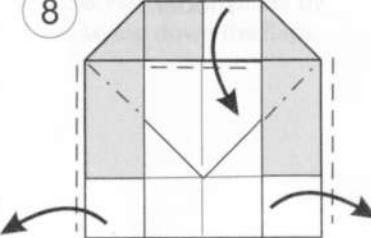
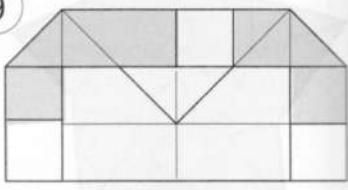
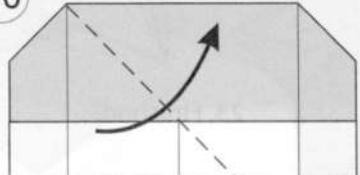
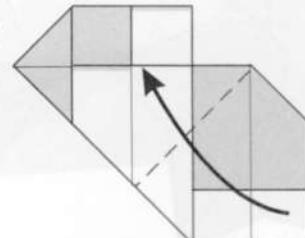


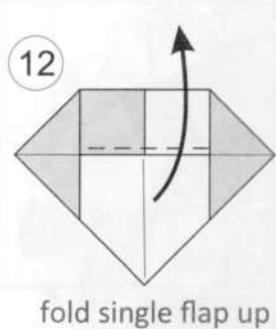
23. Finished.

Chequered Spinner Cube

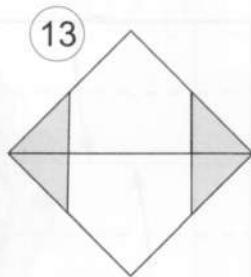
14 February 2017 © Max Hulme



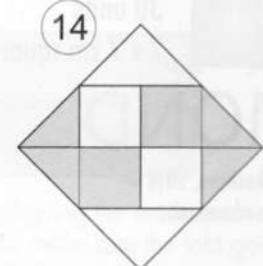
- 1  colour up 7cm square
crease only
(6 units required)
- 2  fold top and bottom edges to creased line
- 3  fold side edges
behind to creased line
- 4  fold in half
- 5  pleat crease to lie along
the top edge
top layers only
- 6  lift up top flap as side folds in
- 7  repeat steps 5 & 6 but tuck the
top edge under the previous layer
- 8  fold sides out as
top folds down
- 9  turn over
- 10  fold up at 45°
- 11  fold side up and tuck it
under the top edge



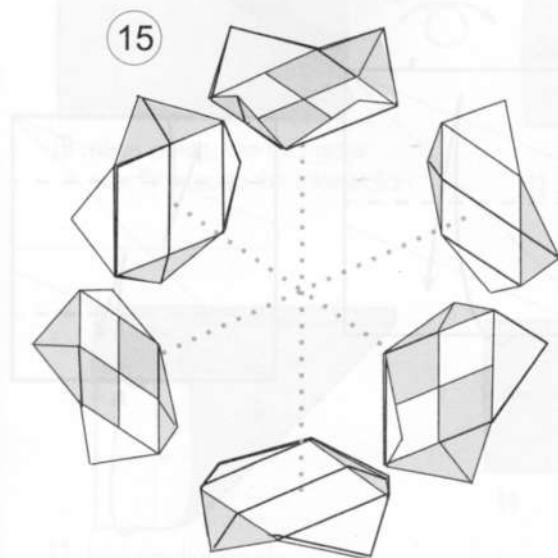
fold single flap up



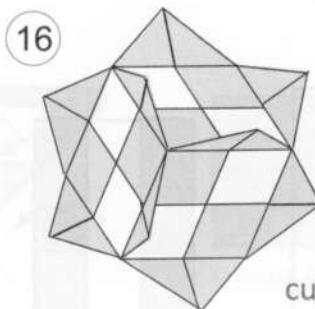
turn over



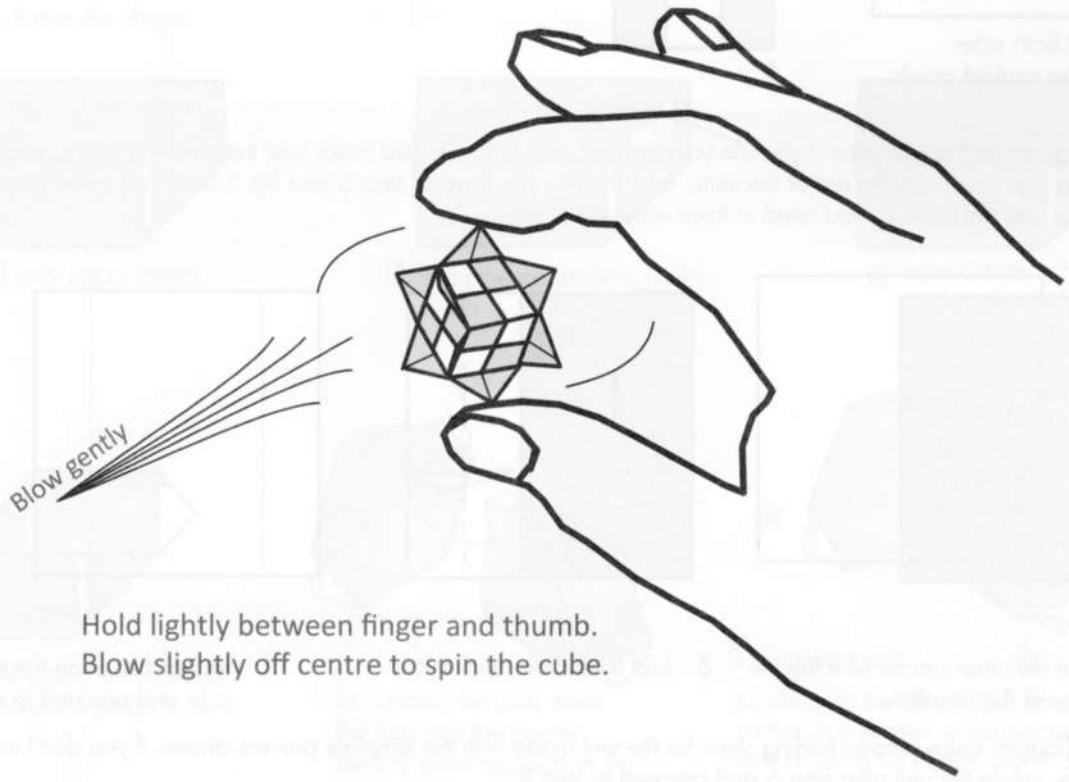
unit finished



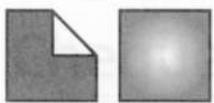
Make 6 identical units, fold corners up by 45° towards the chequered side.
Assemble by sliding the white corners into the coloured corners.



cube complete



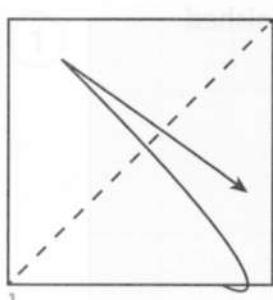
Hold lightly between finger and thumb.
Blow slightly off centre to spin the cube.



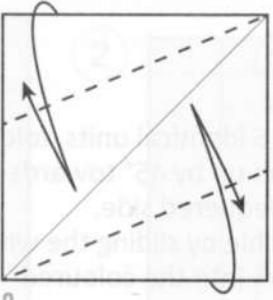
30 units
7 x 7 cm square

ALMOND

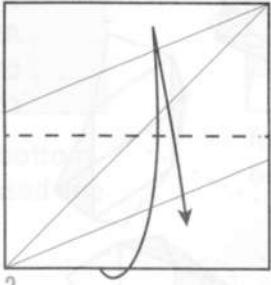
© Ekaterina Lukasheva, 2016
contact: art@kusudama.me



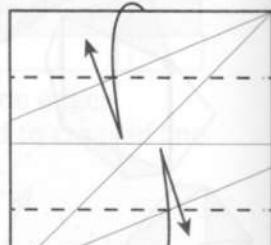
1 fold both diagonals
create only
(6 units required)



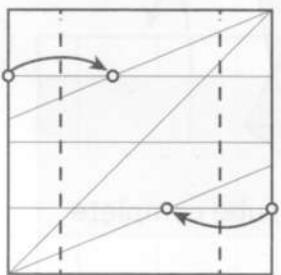
2 fold top and bottom
edges to center
(6 units required)



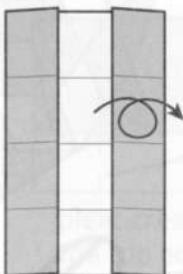
3



4

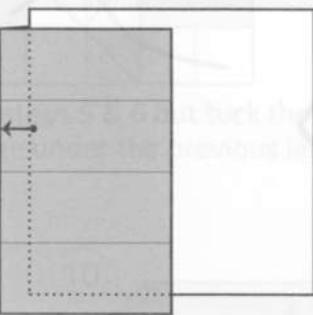


5 fold both sides
to the marked points

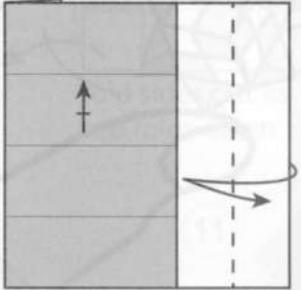


6

You can make the unit faster if you use your first unit as a template. Just make sure that the template is made of the same size square as the rest of the units. Take the unit you have at step 6 and flip it over, then make steps A, B, C and you get the lines you need in three easy steps.



repeat steps A-C till top edge of bottom square hits the top edge of the template



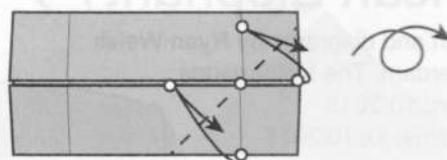
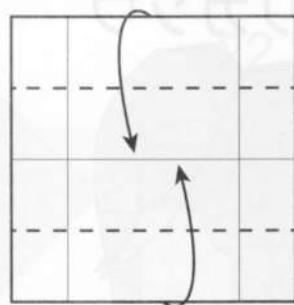
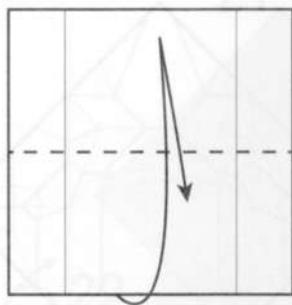
B fold the border and unfold



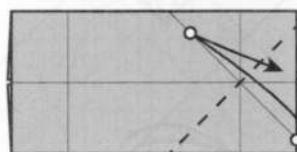
C repeat step B on the other side and proceed to step 7

A insert the other square till it hits the valley of the template

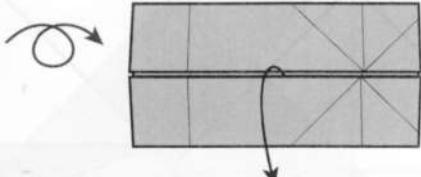
The diagram below shows folding steps for the unit made with the template process above. If you don't use a template, unfold the unit after step 6 and proceed to step 8.



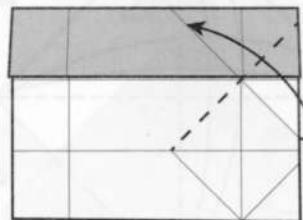
9 fold aligning the marked points, make sure the fold goes exactly through the intersection



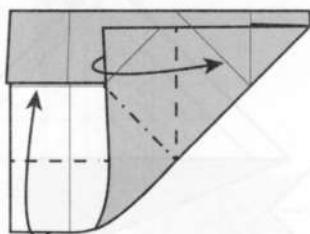
10 align points, the fold goes exactly through the intersection



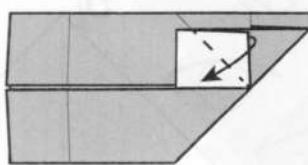
11 unfold the lower part



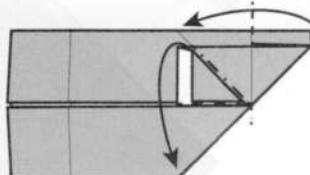
12 fold only the marked line



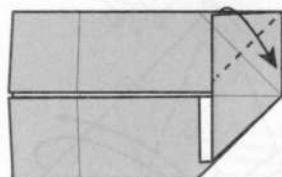
13 fold simultaneously to flatten the shape



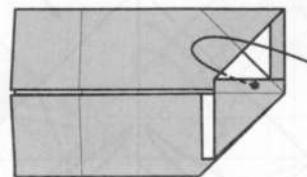
14



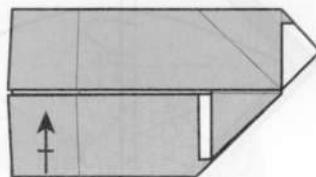
15 swivel the flap down



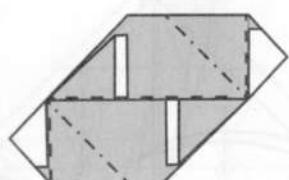
16 fold only upper layers



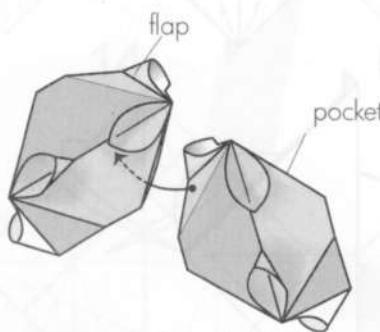
17 drag the paper from underneath



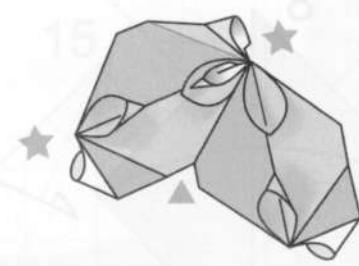
18 repeat steps 9-16 on the other side



semi-fold along the marked lines, round the petals a bit



to connect the units insert the flap into the pocket, the tiny petal appears in the center of the other unit's petal



2 connected units

to complete the 30-unit ball assemble it so that 5 units meet in the places marked with a star in the picture and 3 units meet in the places marked with a triangle

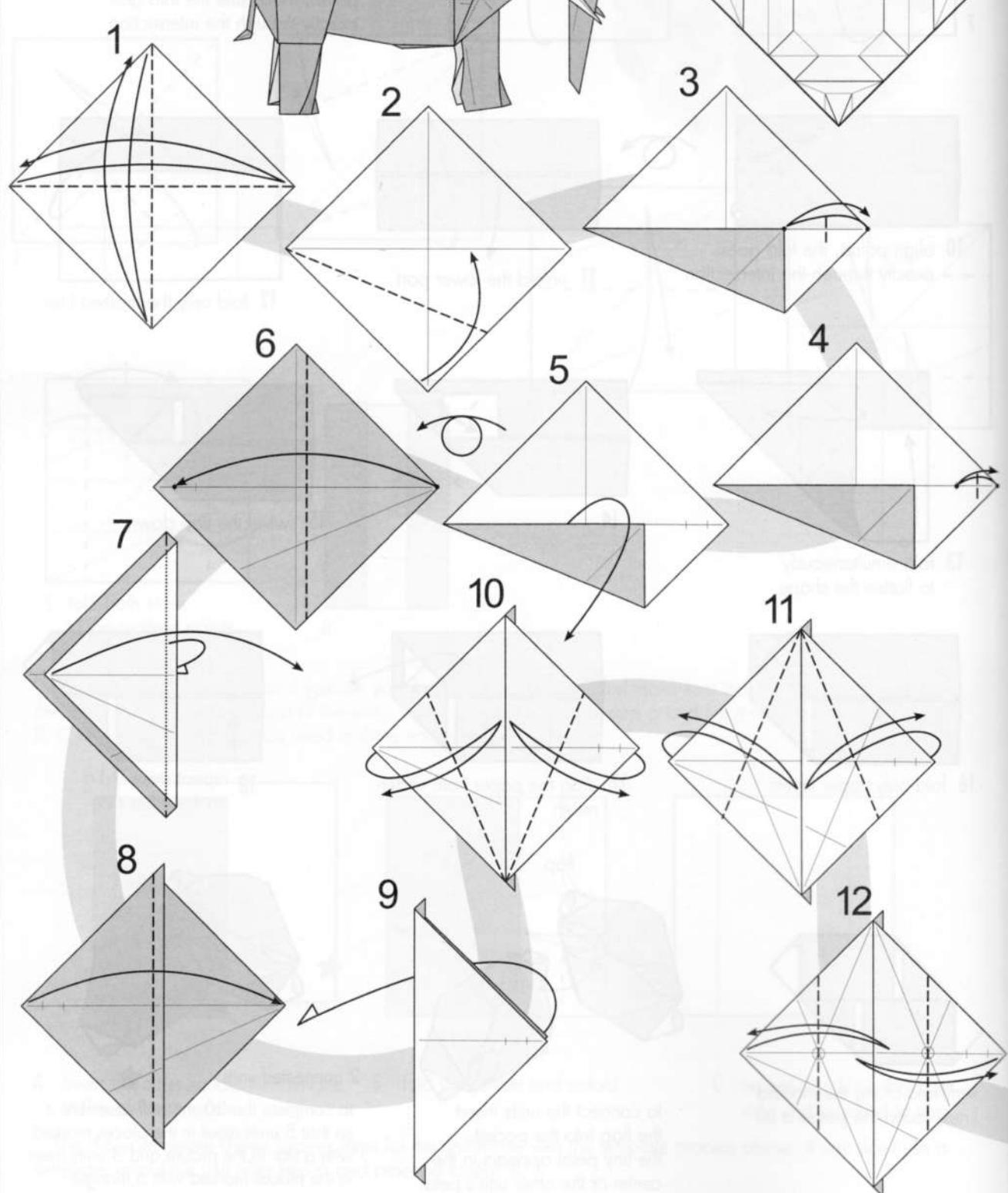
African Elephant / アフリカゾウ

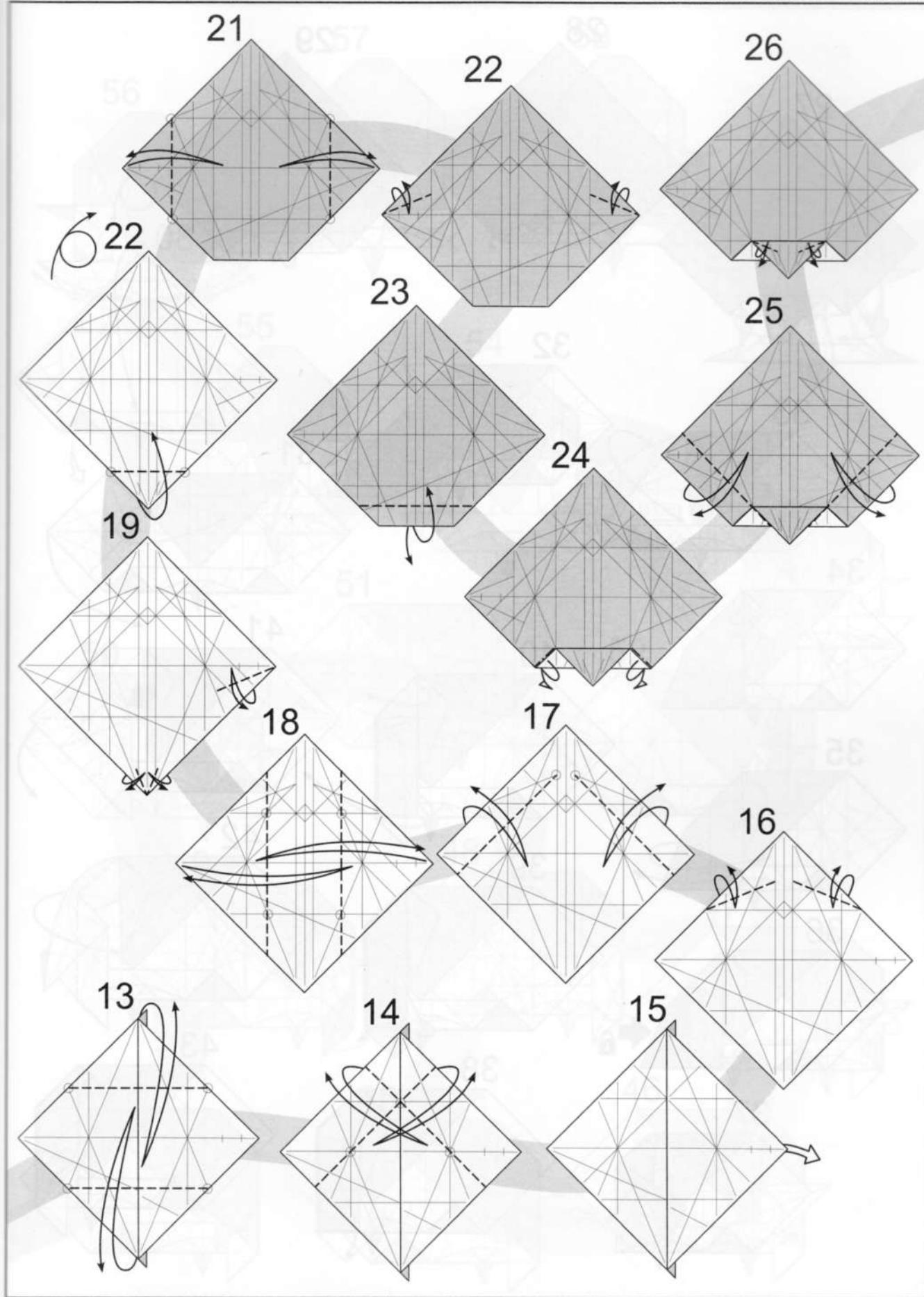
Design and diagrams by Ryan Welsh

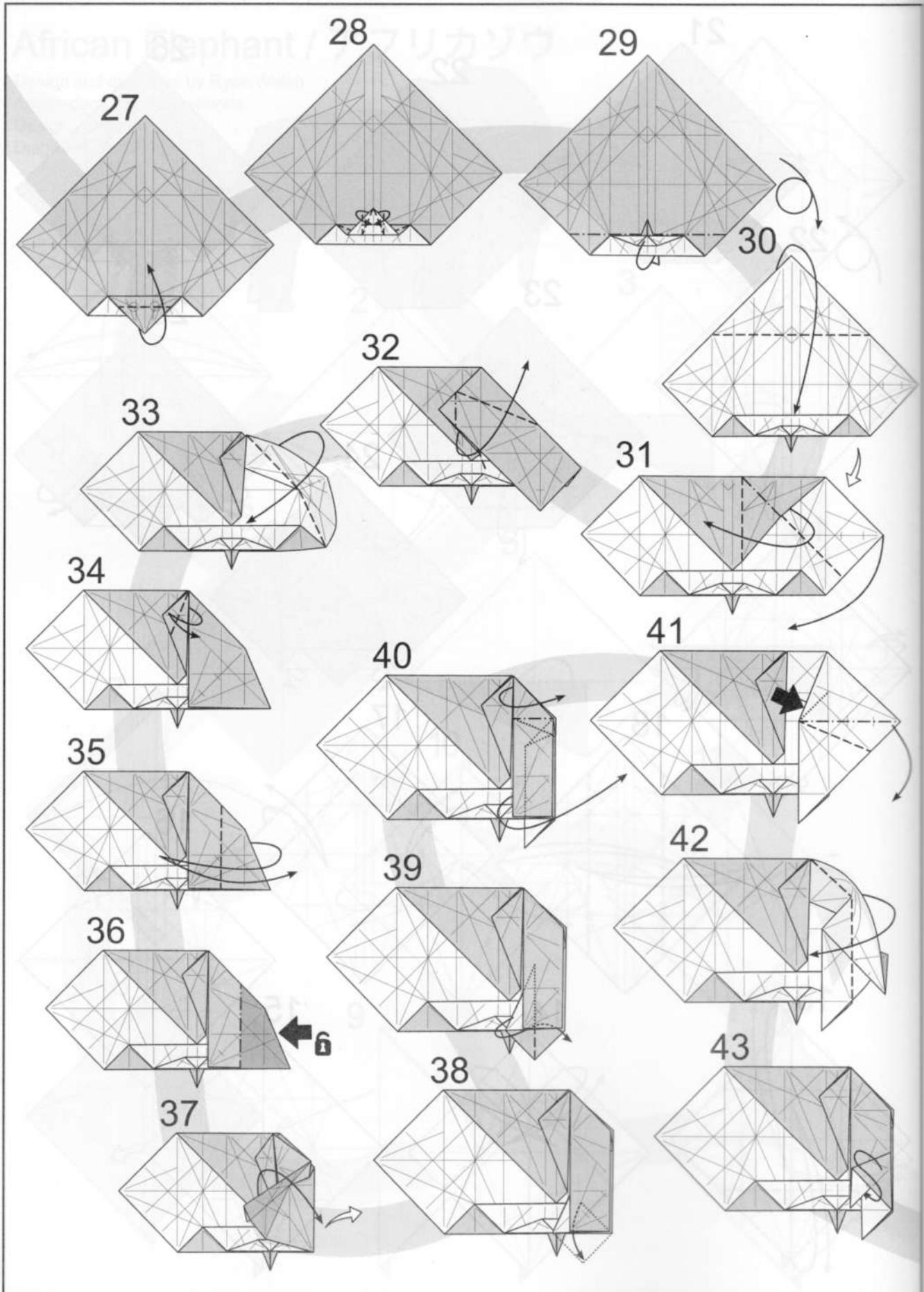
Amsterdam, The Netherlands

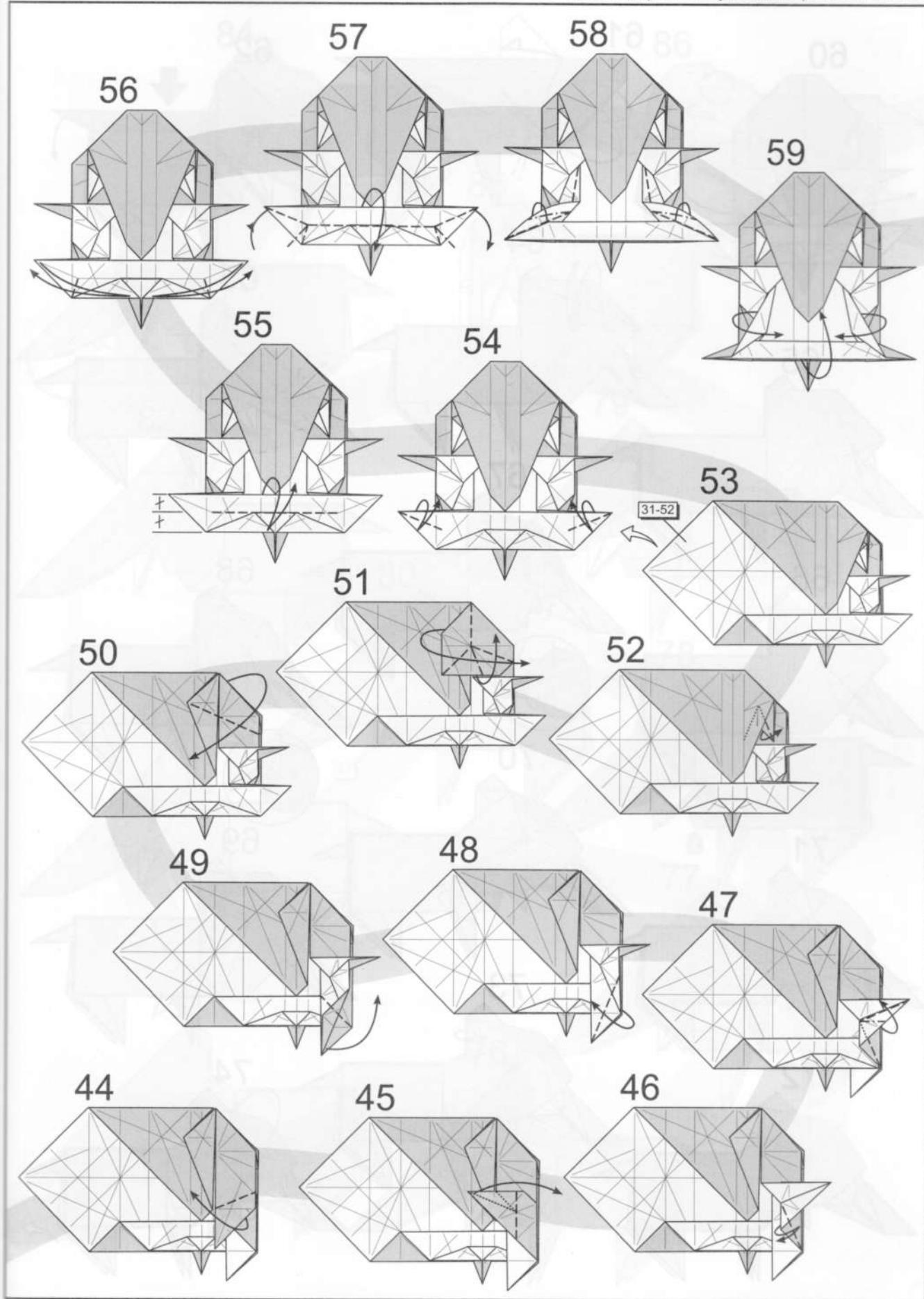
Design: 10/2015

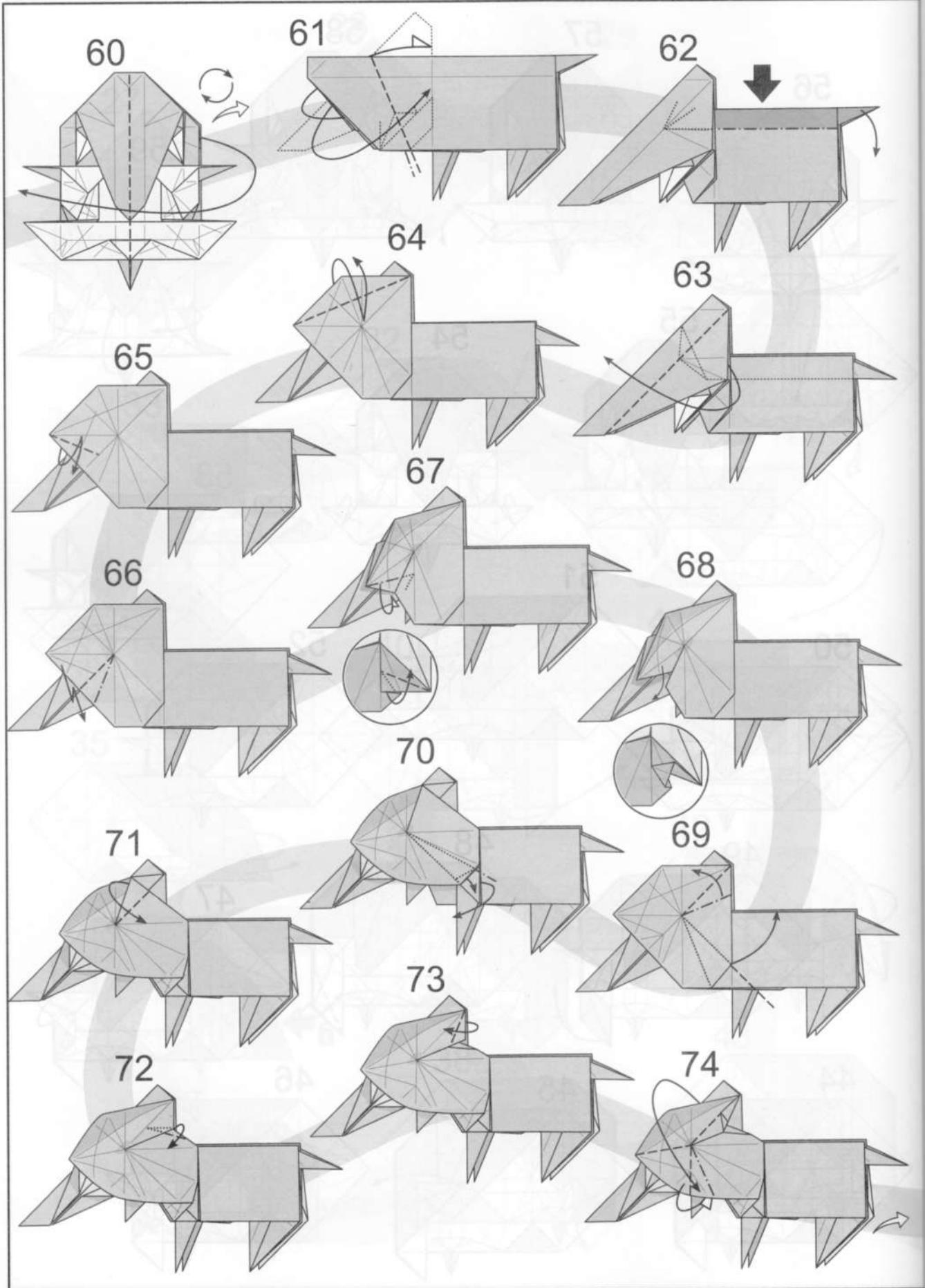
Diagrams: xx/10/2015

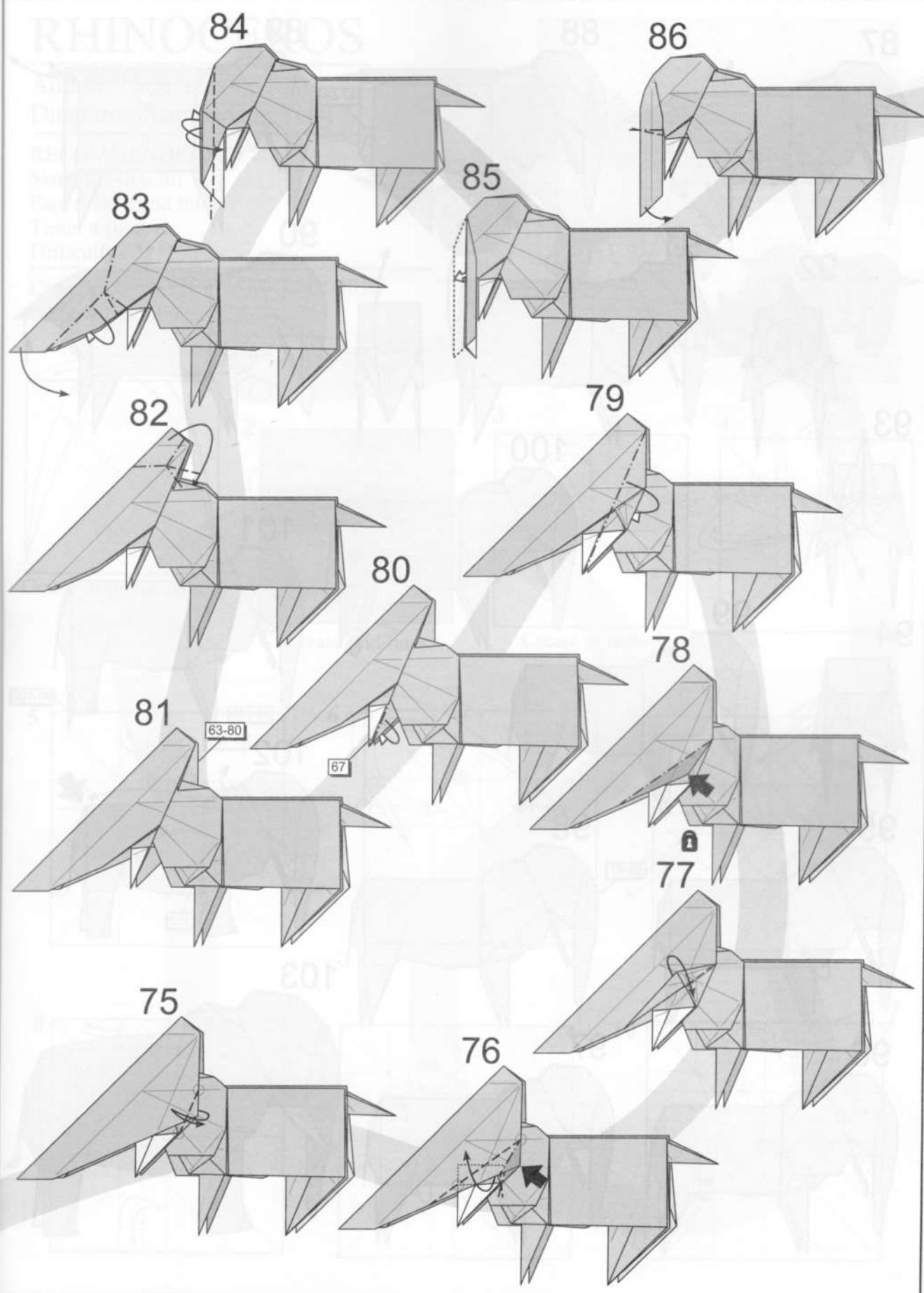


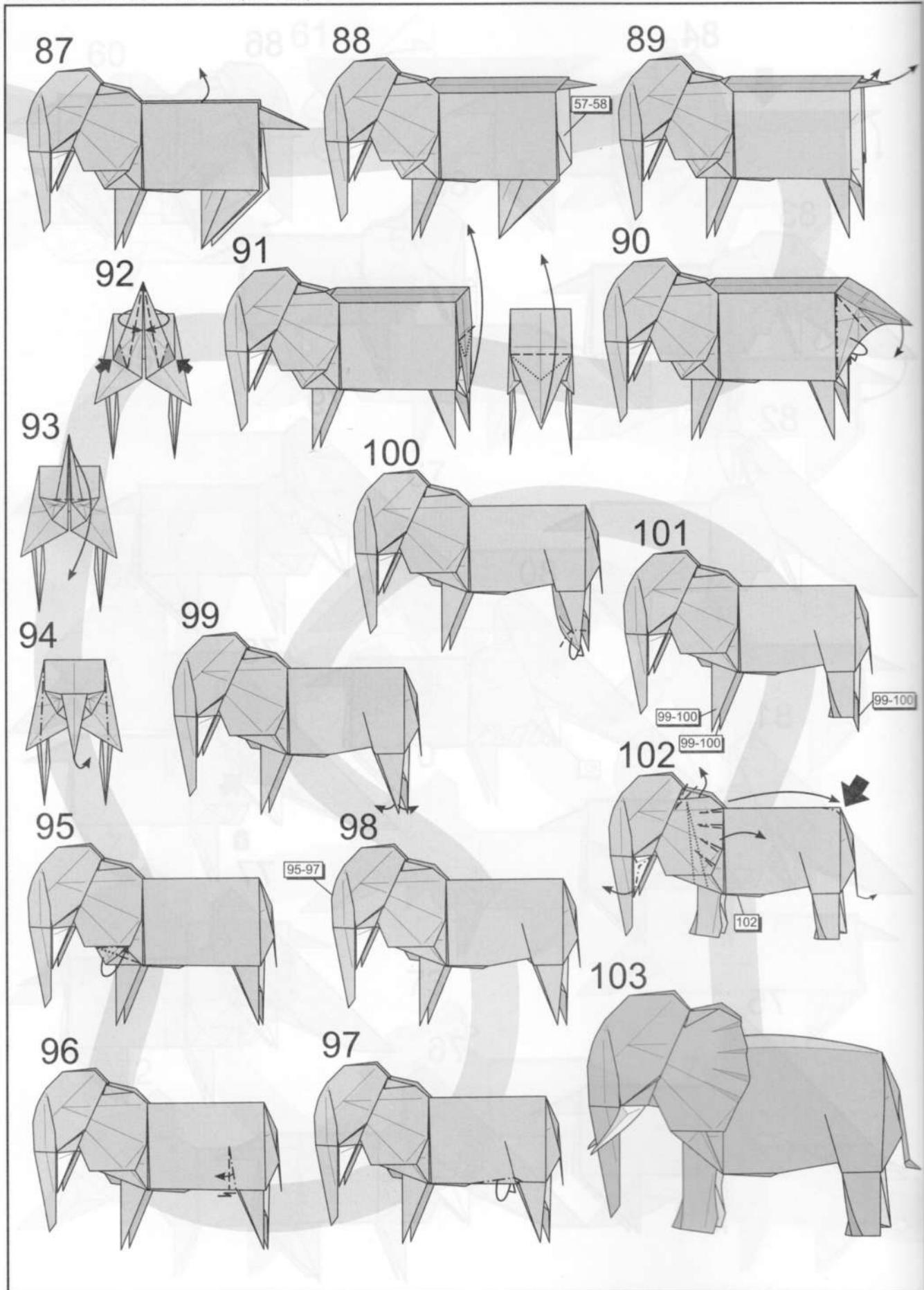












RHINOCEROS

Author: Phạm Hoàng Tuấn
Diagram: Phạm Hoàng Tuấn

RECOMMENDED:

Size: 40x40 (cm)

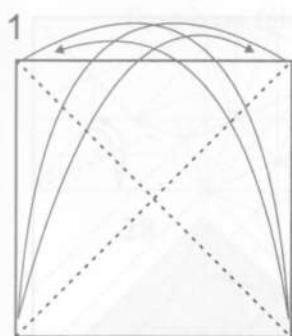
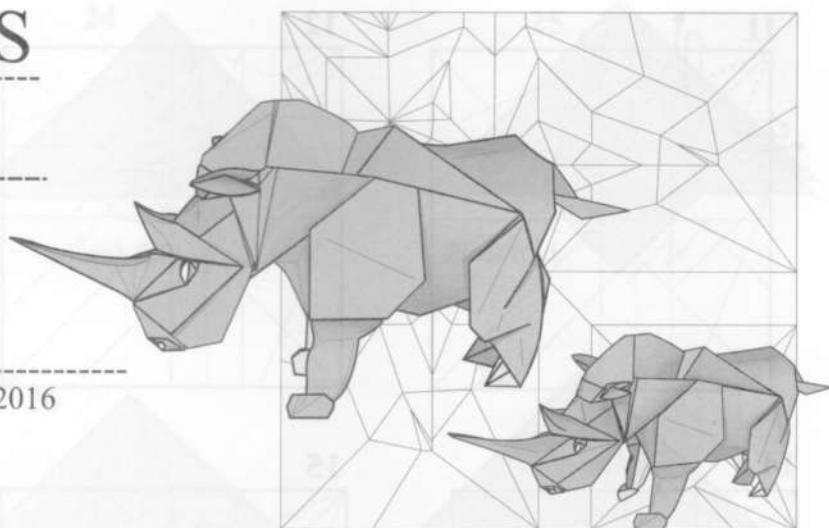
Paper: Nice and thick

Time: 4 (hours)

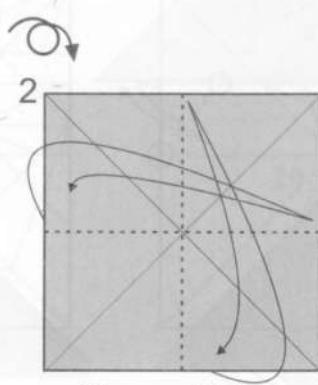
Difficulty : ****

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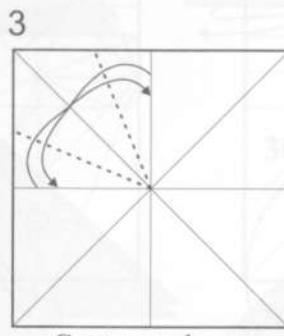
Flickr/124533099@N06/



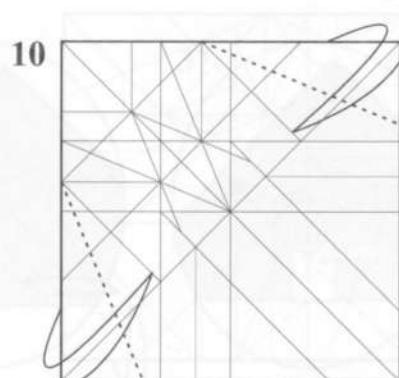
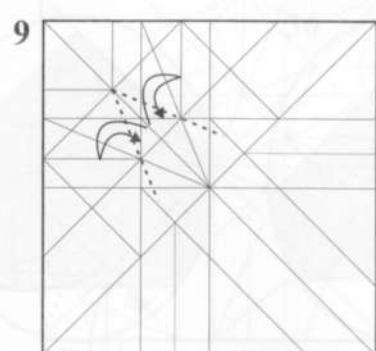
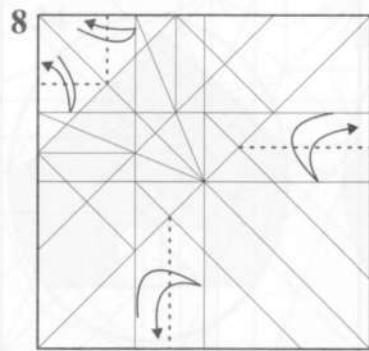
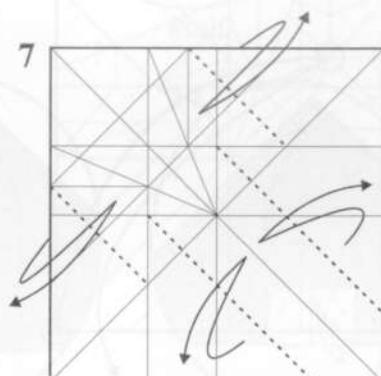
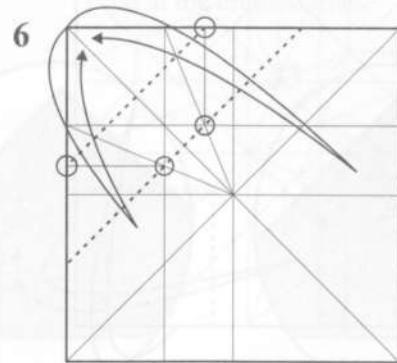
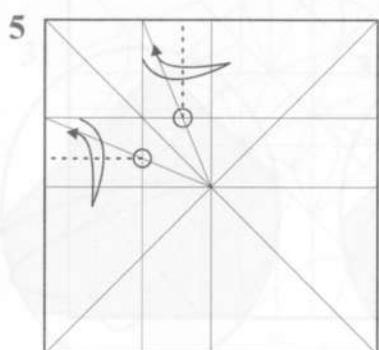
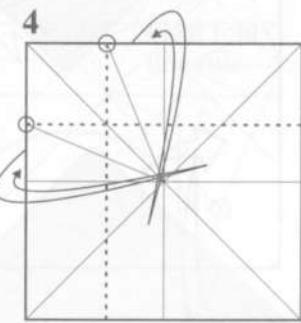
Crease diagonal lines.

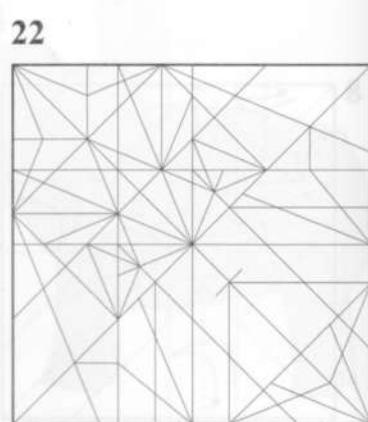
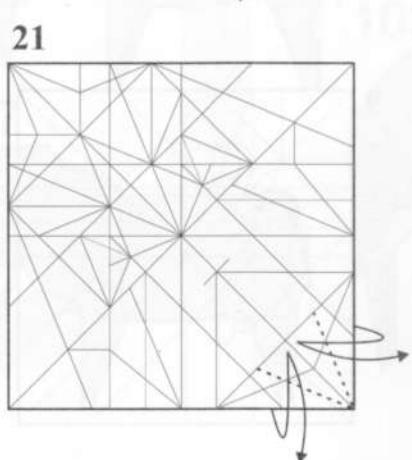
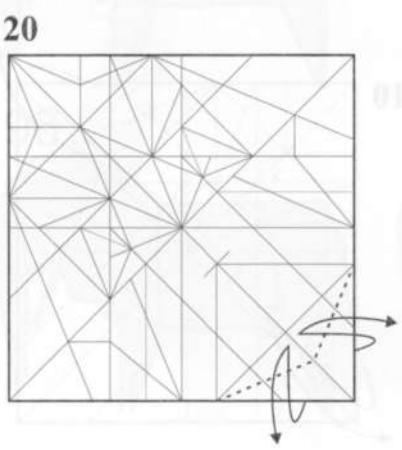
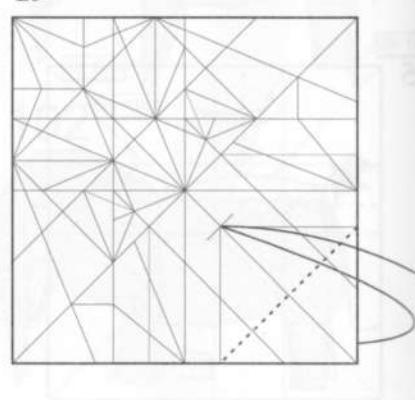
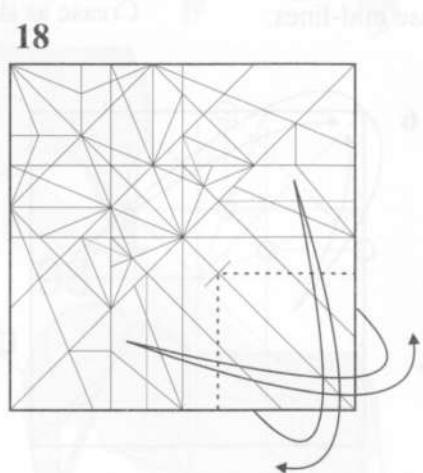
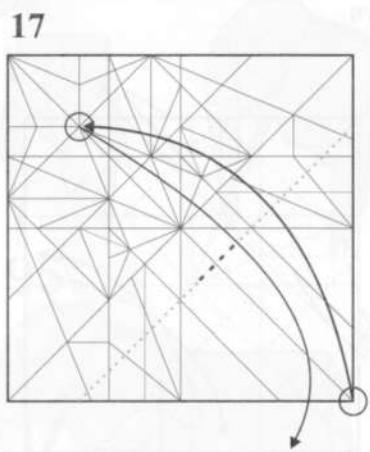
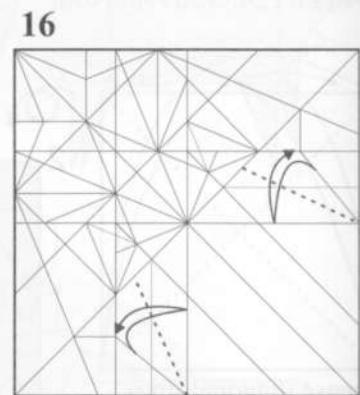
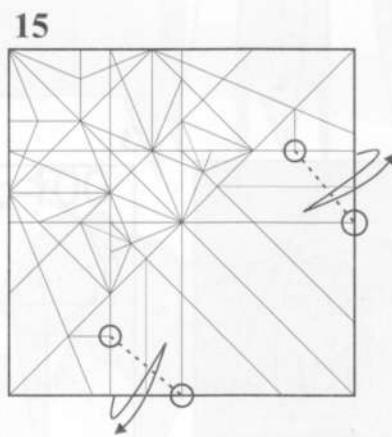
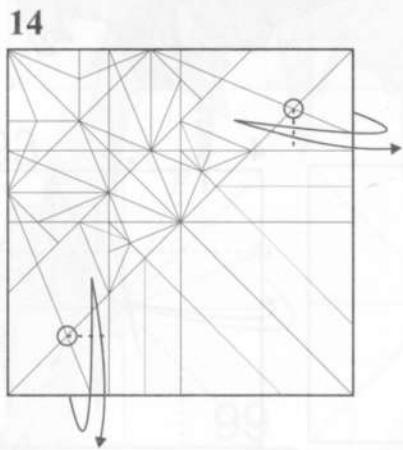
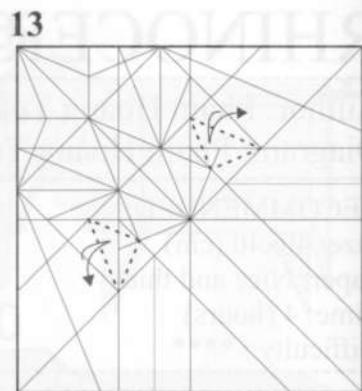
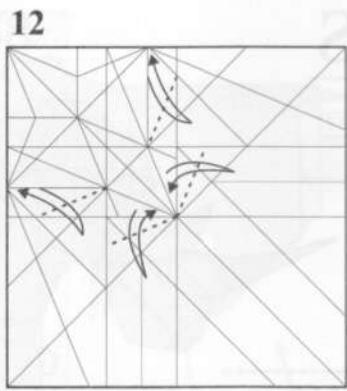
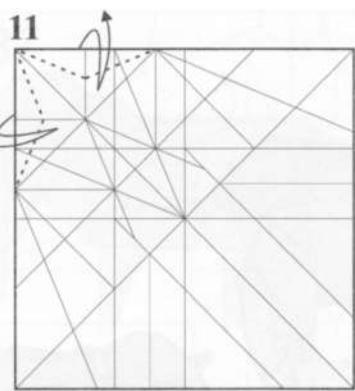


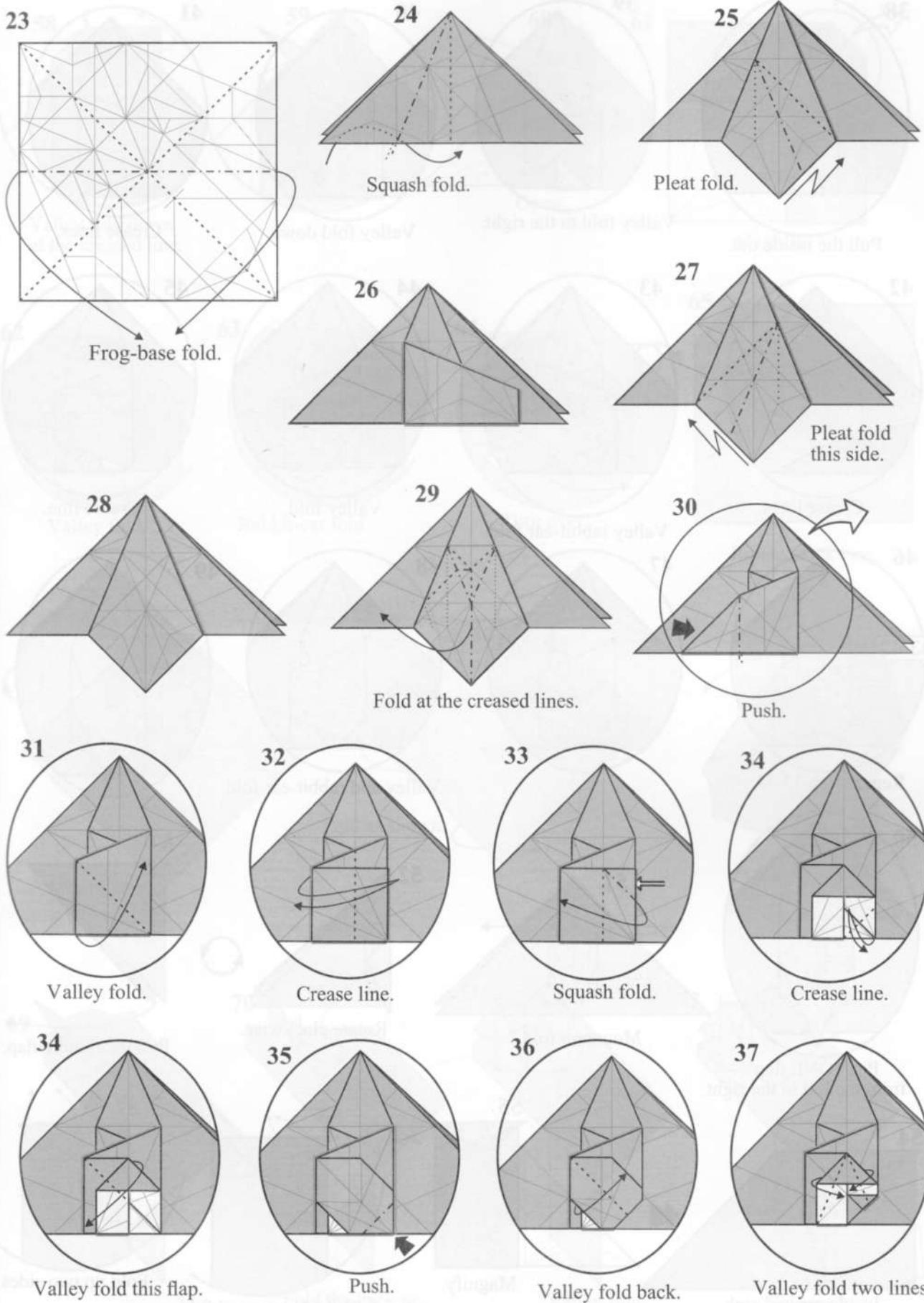
Crease mid-lines.

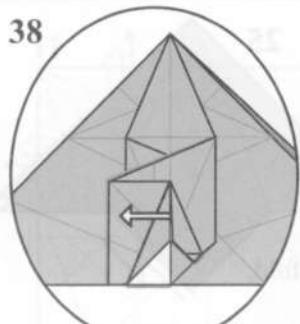


Crease as shown.

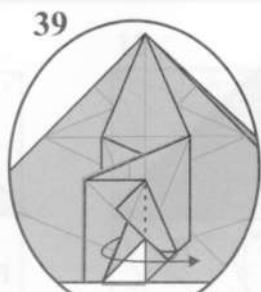




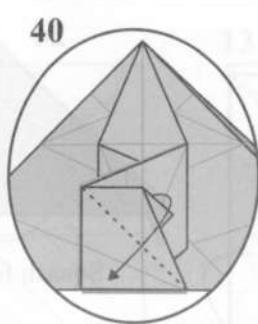




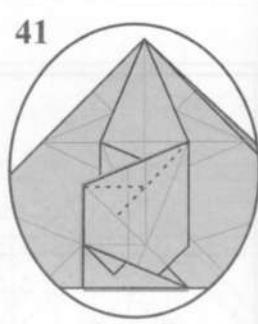
Pull the inside out.



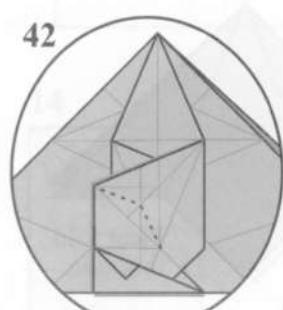
Valley fold to the right.



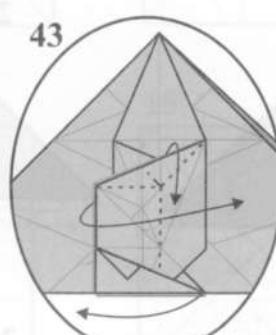
Valley fold down.



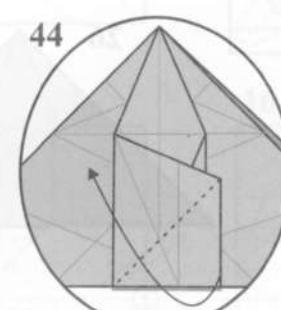
Crease lines.



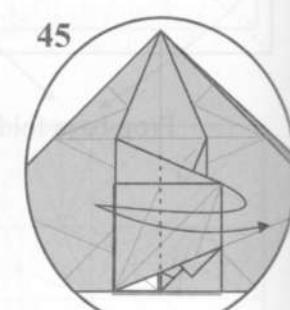
Crease lines.



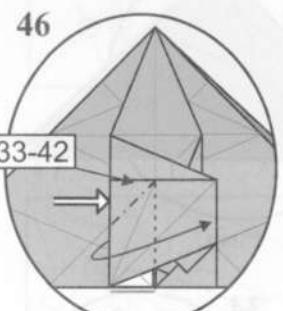
Valley rabbit-ear fold.



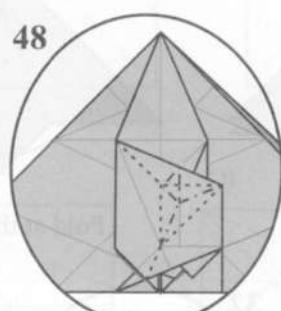
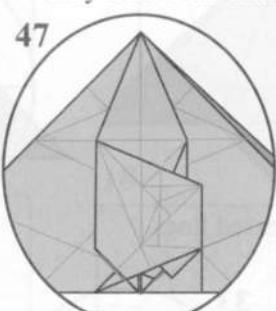
Valley fold.



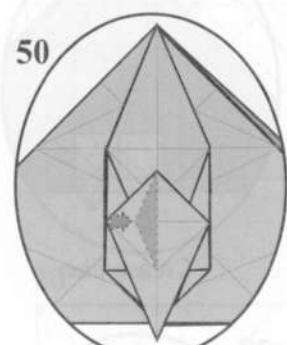
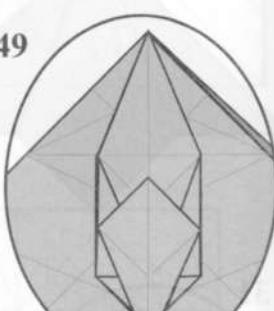
Crease line.



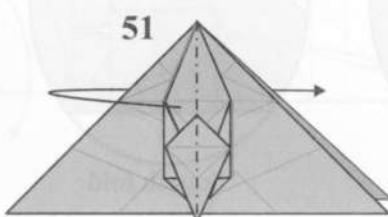
Repeat step 33-42



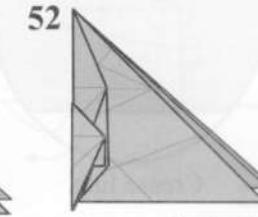
Valley and rabbit-ear fold.



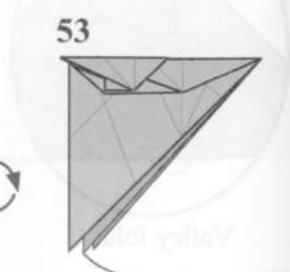
Push ONE flap from the left to the right.



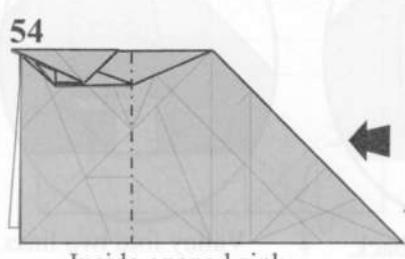
Mountain fold.



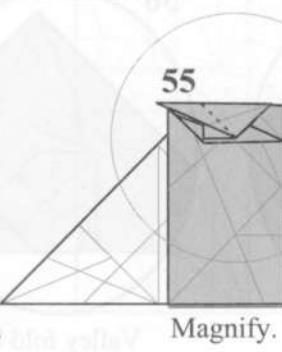
Rotate clockwise.



Pull the middle flap.

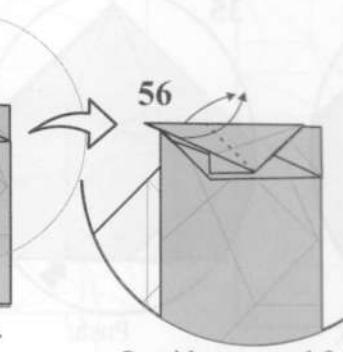


Inside opened sink.



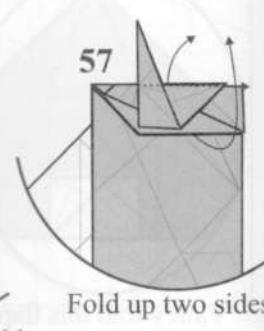
55

Magnify.



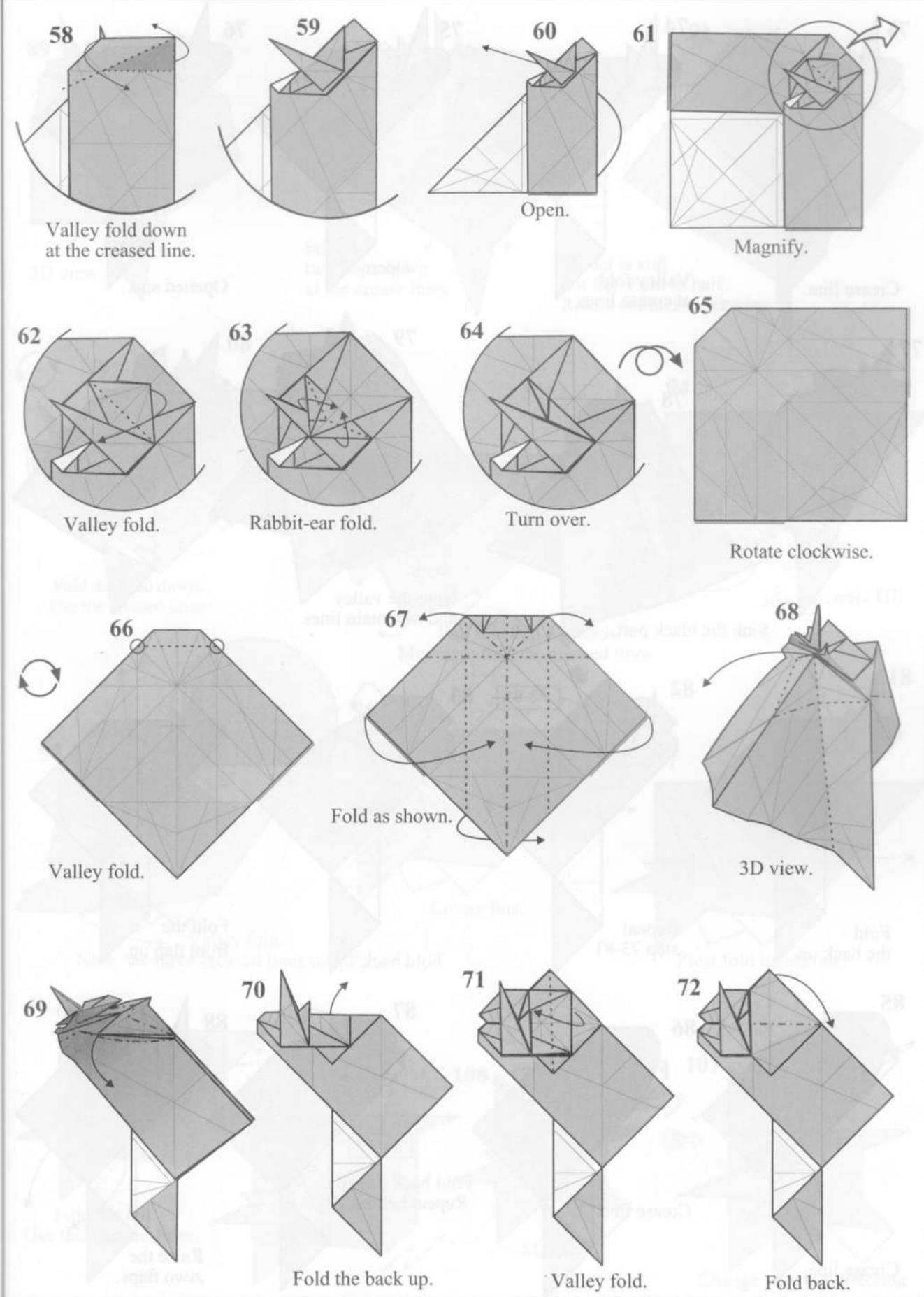
56

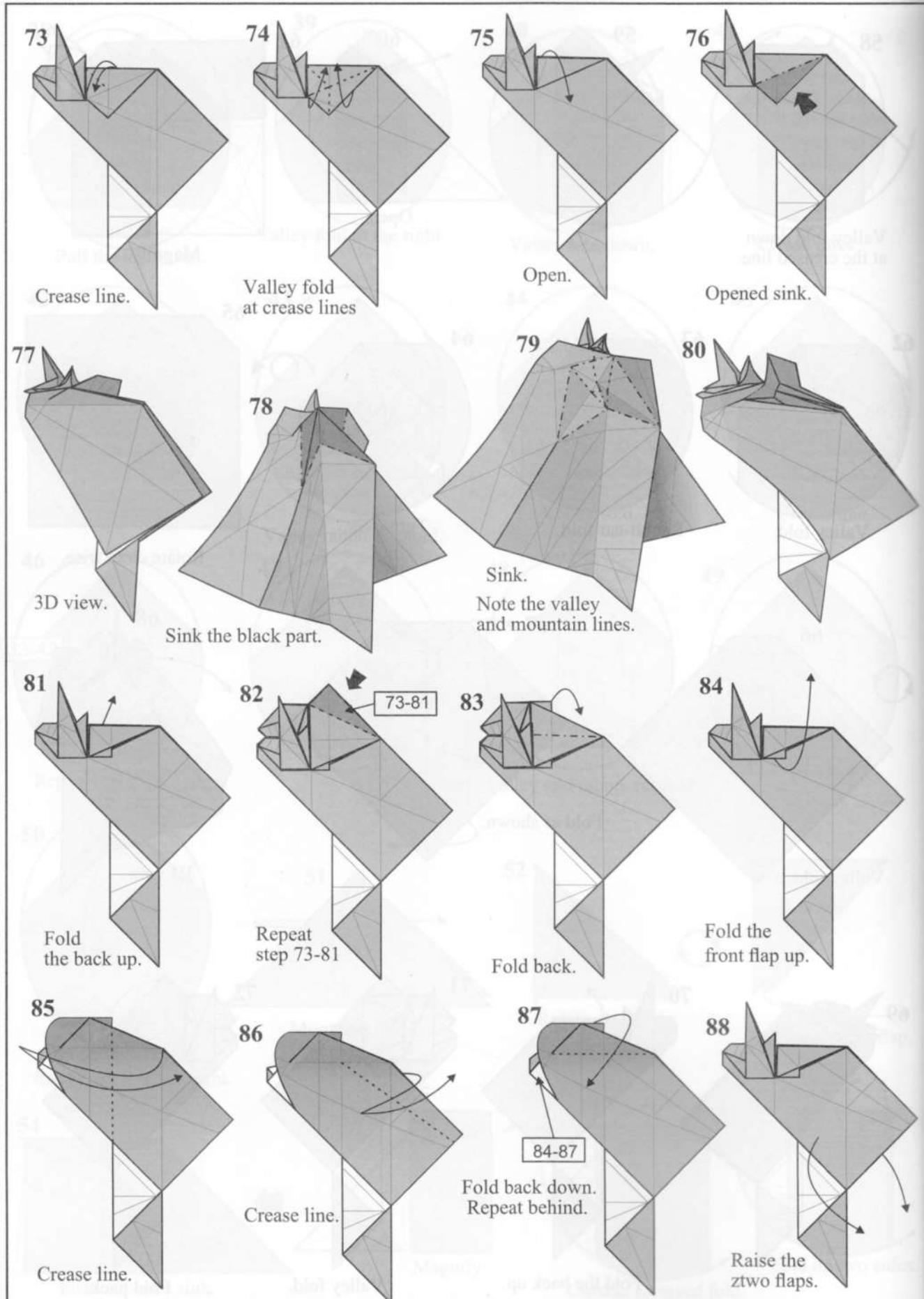
Outside reversed fold.

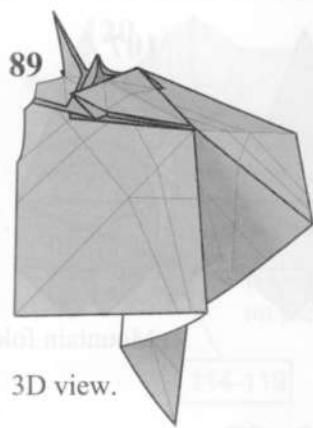


57

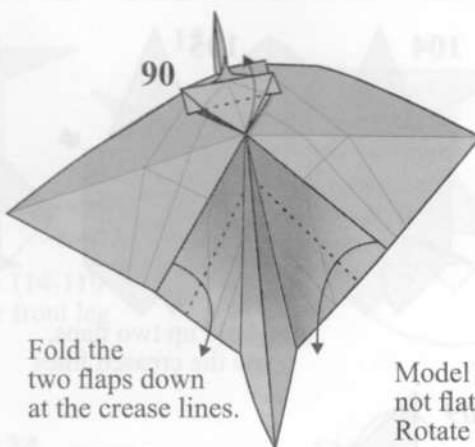
Fold up two sides.



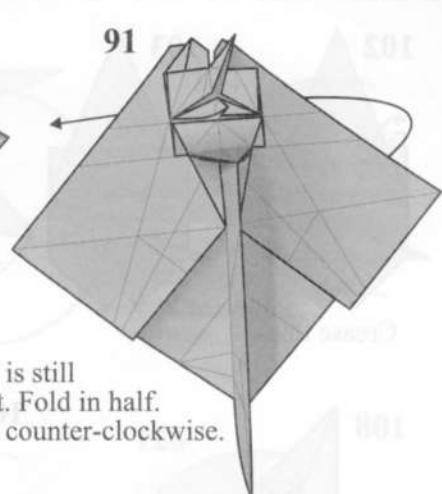




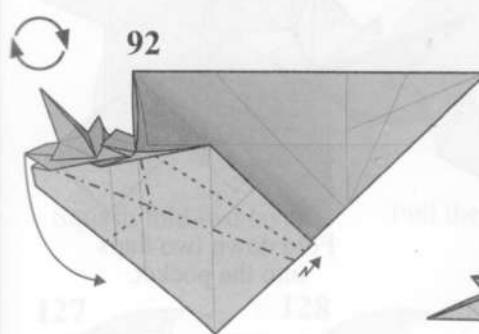
3D view.



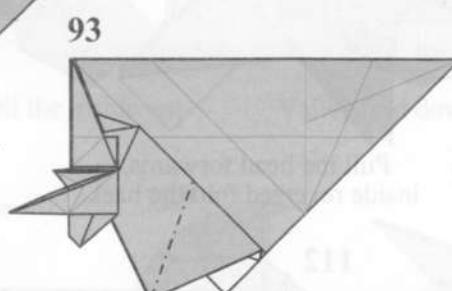
Fold the
two flaps down
at the crease lines.



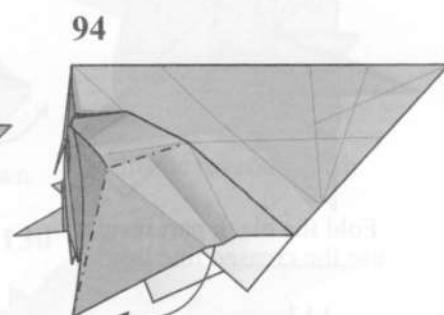
Model is still
not flat. Fold in half.
Rotate counter-clockwise.



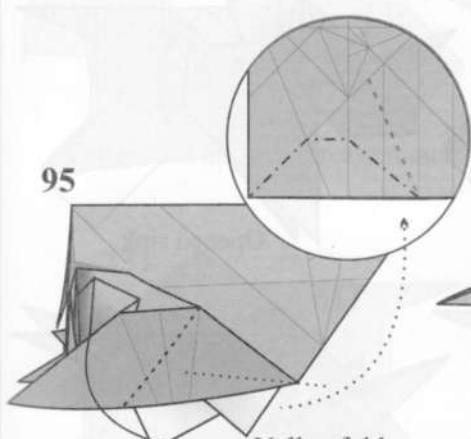
Fold the head down.
Use the creased lines.



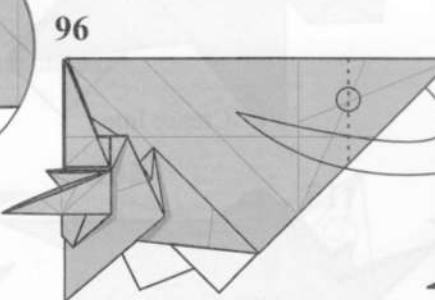
Pull this flap forwards.
Mountain fold the creased lines



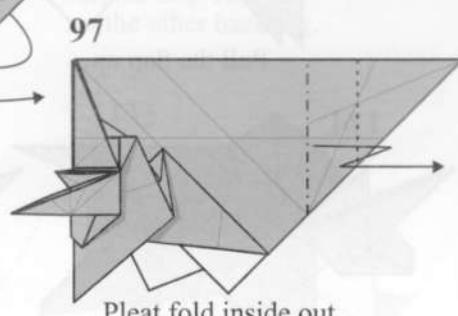
3d view.



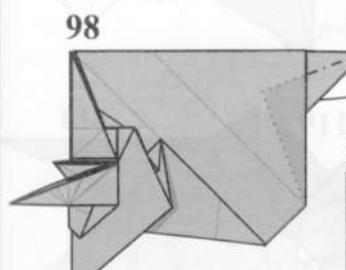
Valley fold.
Note the three creased lines on CP.



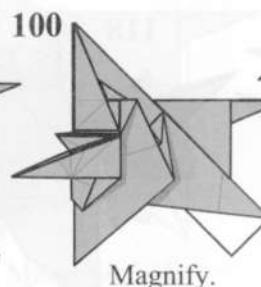
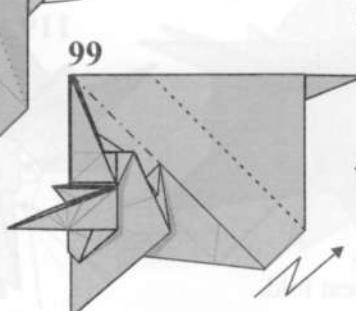
Crease line.



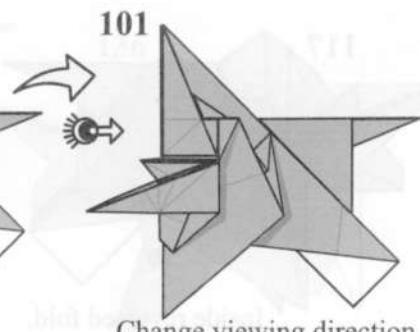
Pleat fold inside out.



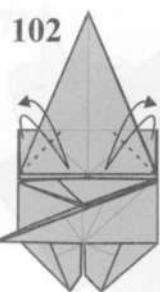
Fold the tail.
Use the creased lines,



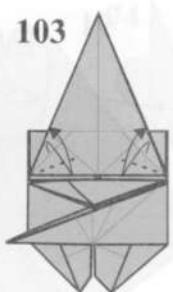
Magnify.



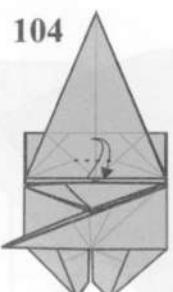
Change viewing direction.



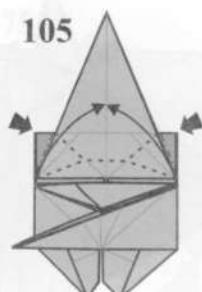
Crease lines.



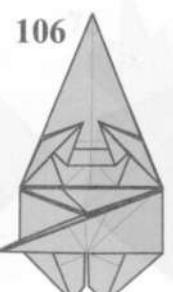
103



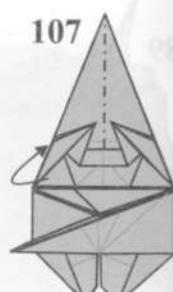
104



105



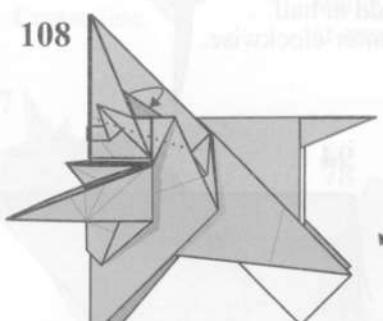
106



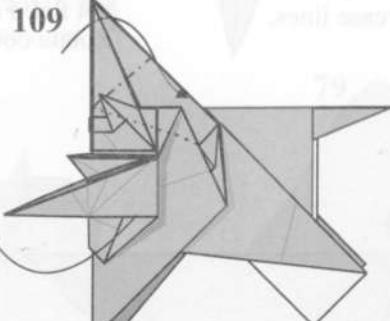
107

Fold up two flaps,
use the creased lines

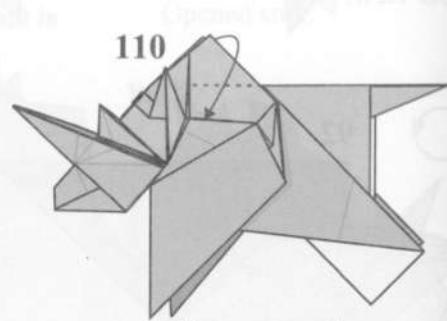
Mountain fold.



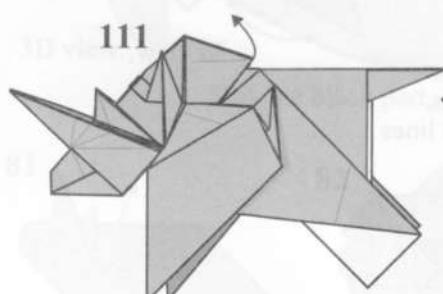
Fold the black part inside,
use the creased line inside.



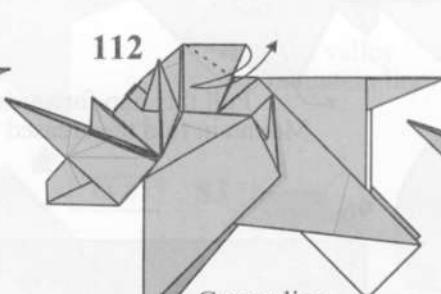
Pull the head forwards,
inside reversed fold the back.



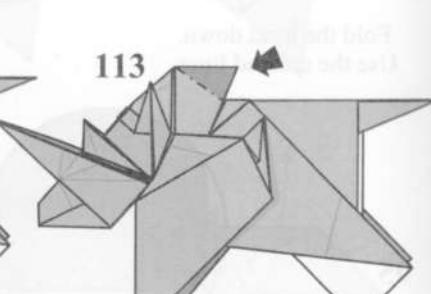
Fold down two flaps
into the pocket.



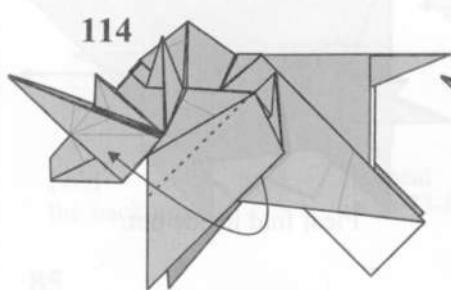
Pull the flap up.



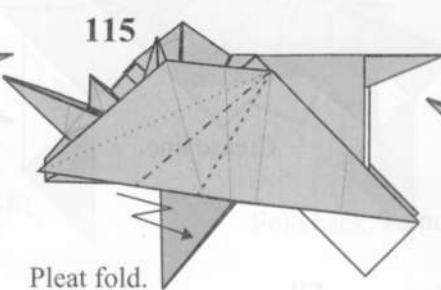
Crease line.



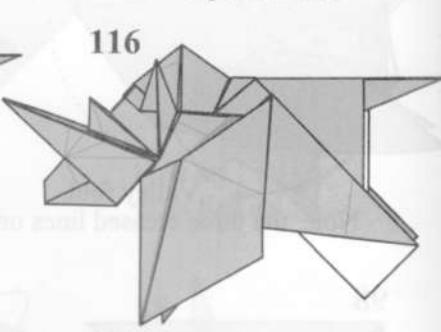
Opened sink.



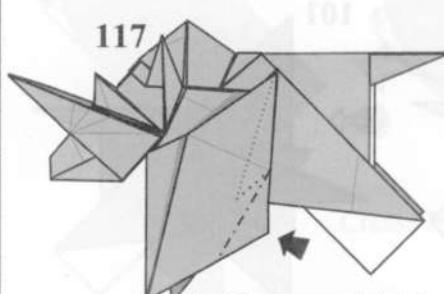
Valley fold up.



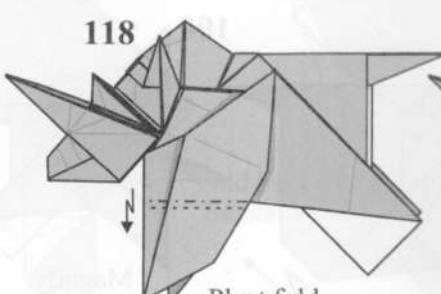
Pleat fold.



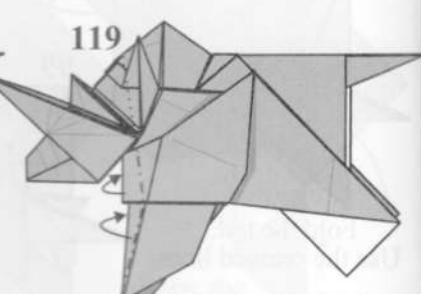
116



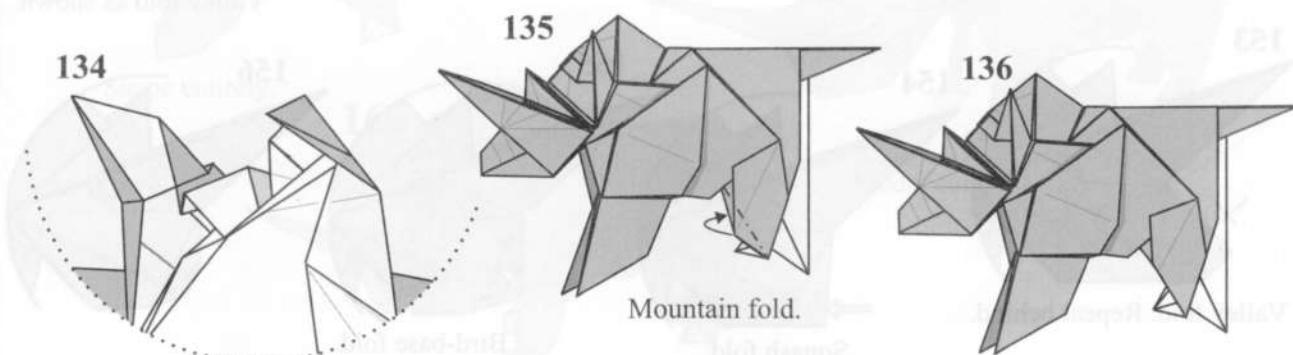
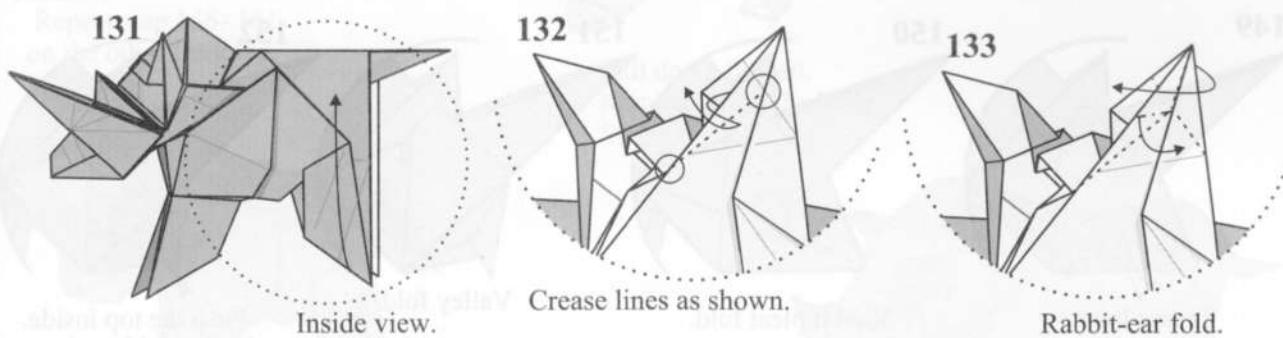
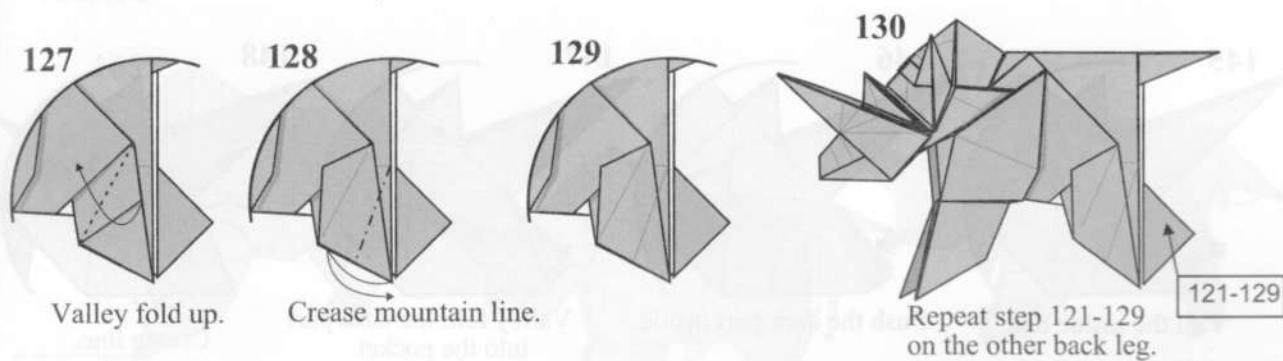
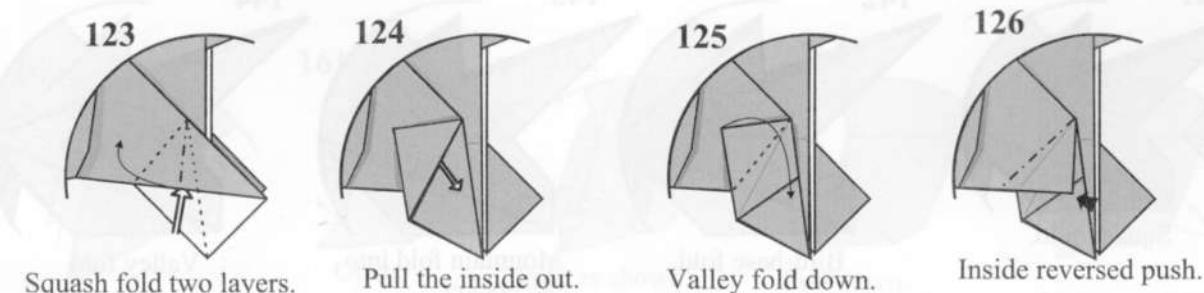
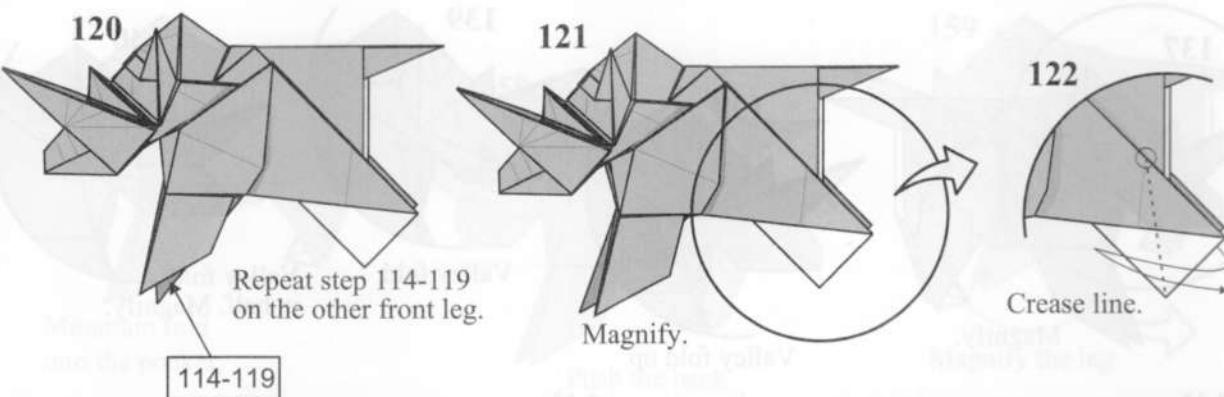
Inside reversed fold.



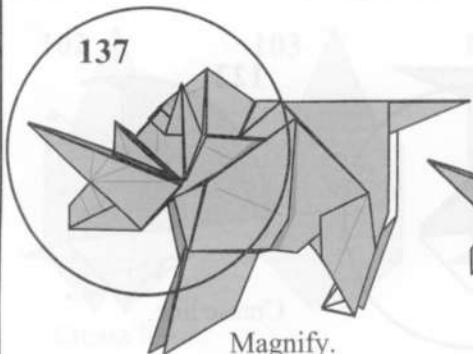
Pleat fold.



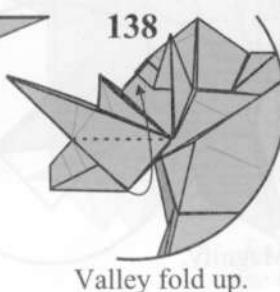
Mountain fold.



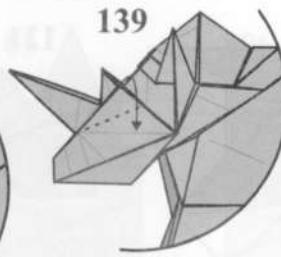
137



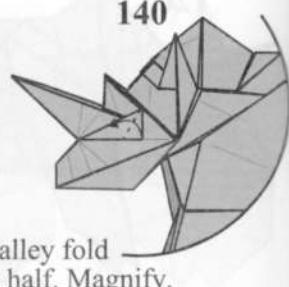
138



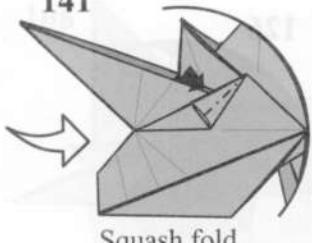
139



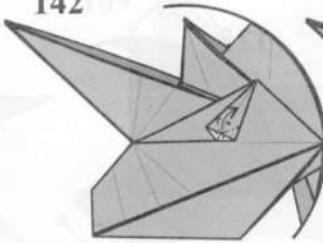
140



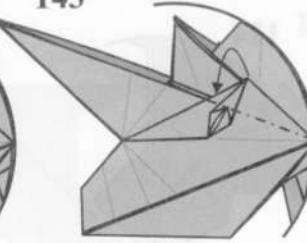
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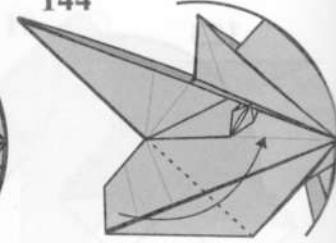
142



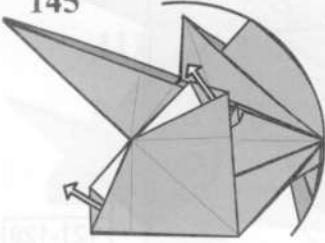
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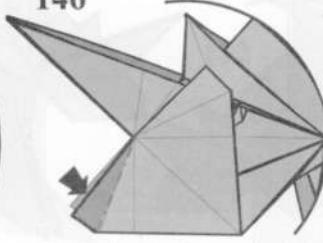
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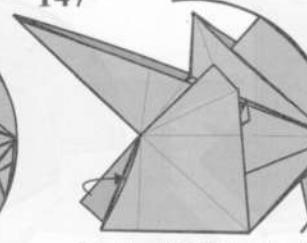
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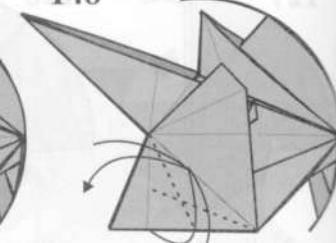
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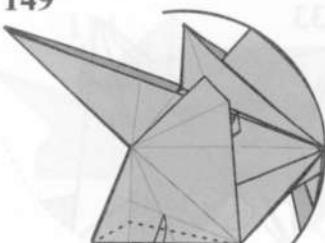
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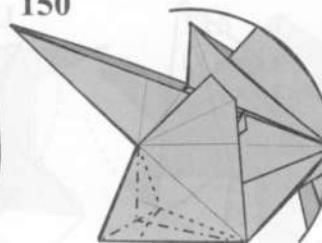
148



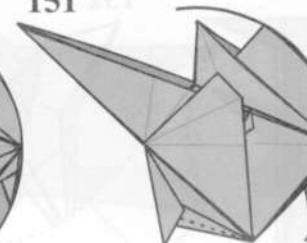
149



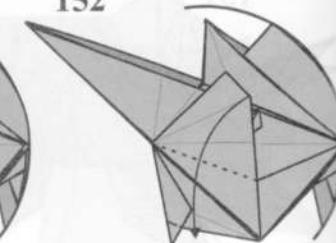
150



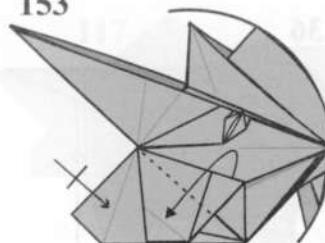
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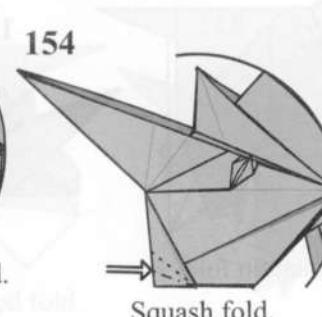
152



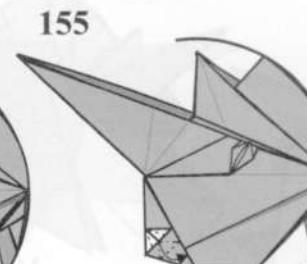
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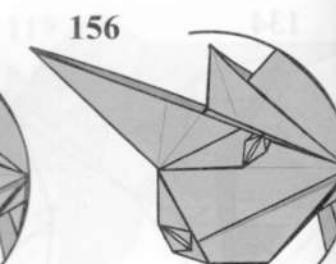
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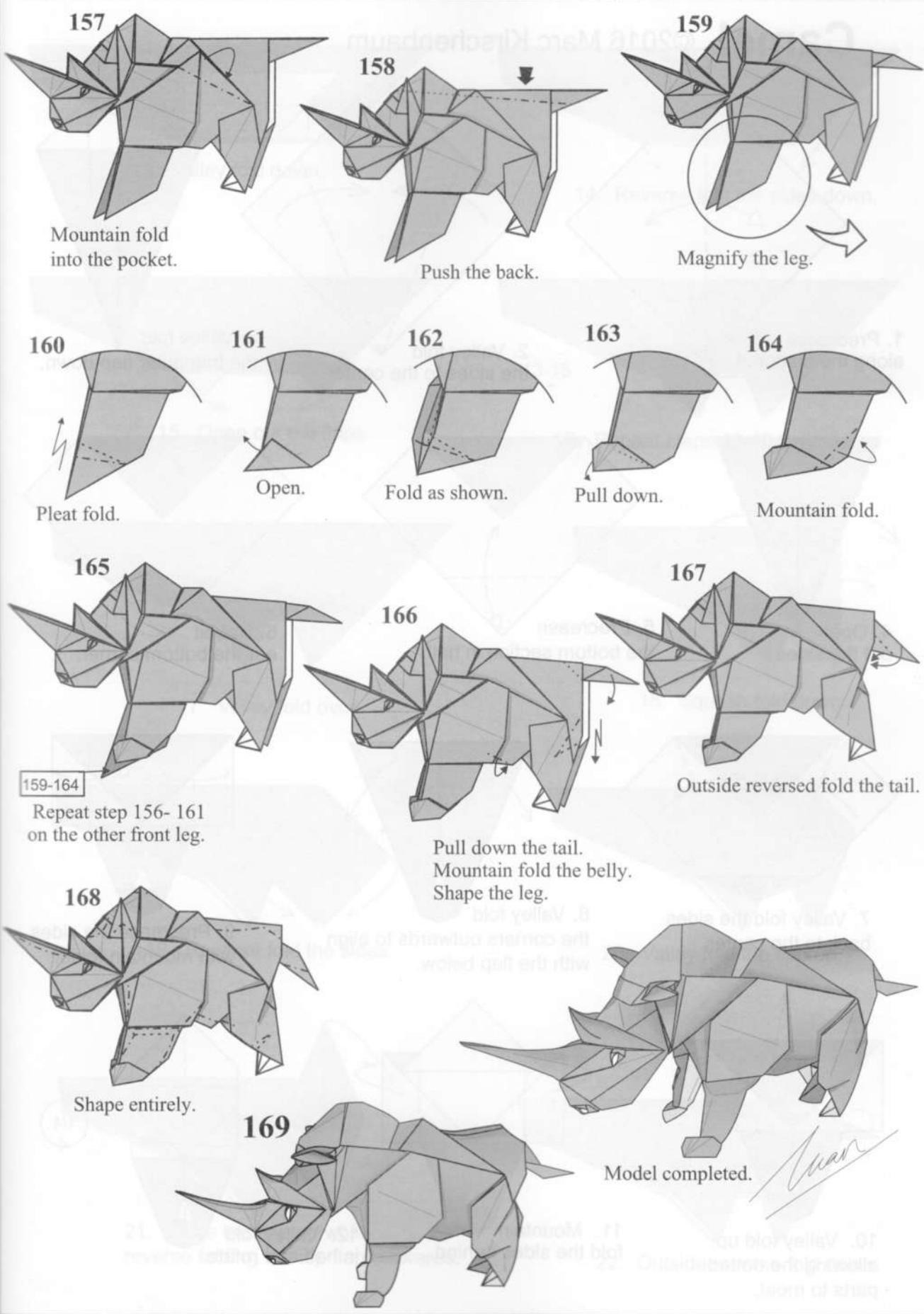


155

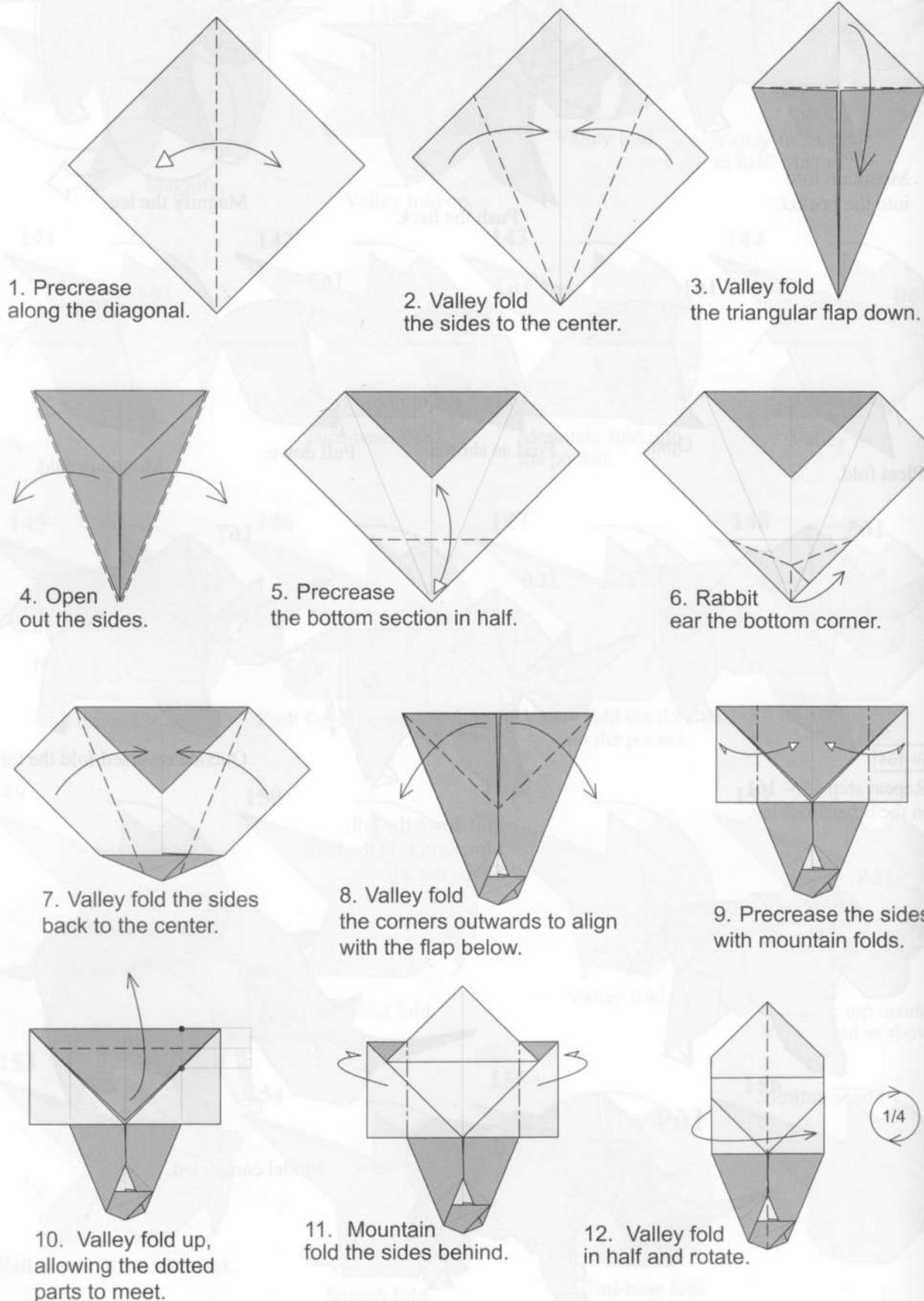


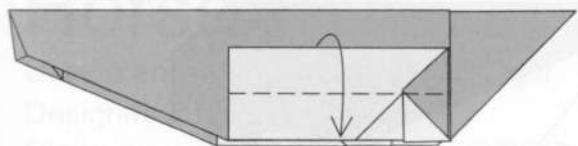
156



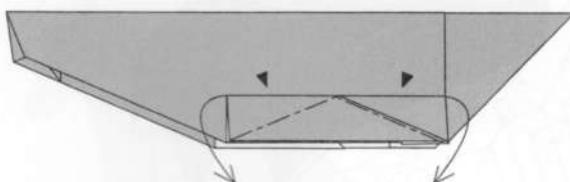


Camel ©2016 Marc Kirschenbaum

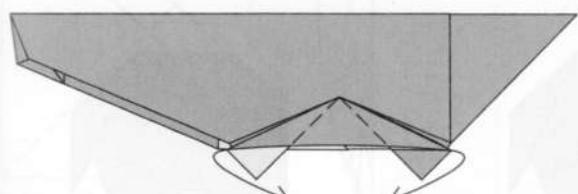




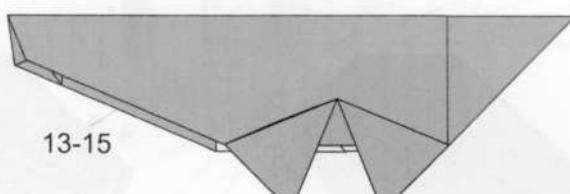
13. Valley fold down.



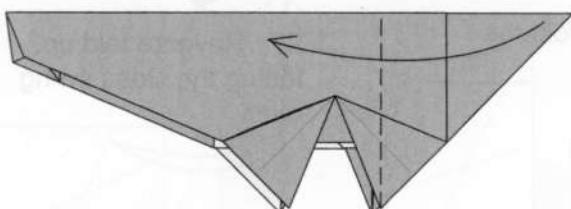
14. Reverse fold the sides down.



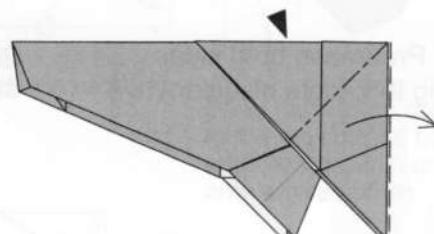
15. Open out the flaps.



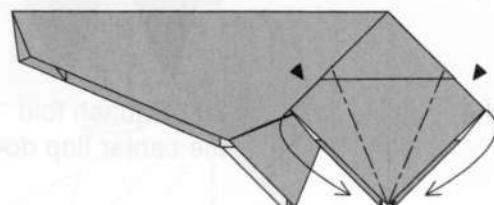
16. Repeat steps 13-15 behind.



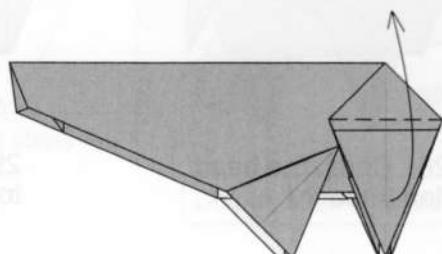
17. Valley fold over.



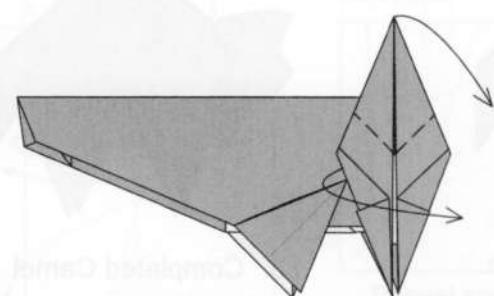
18. Squash fold down.



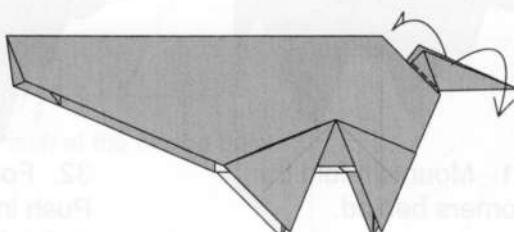
19. Reverse fold the sides.



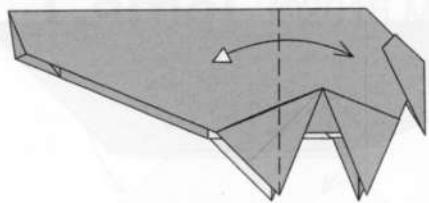
20. Valley fold the flap up.



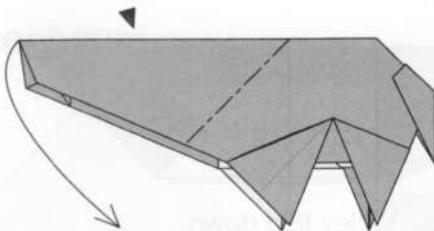
21. Close the flap up while reverse folding the top flap outwards.



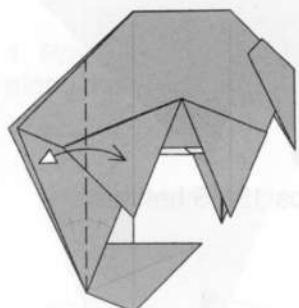
22. Outside reverse fold down.



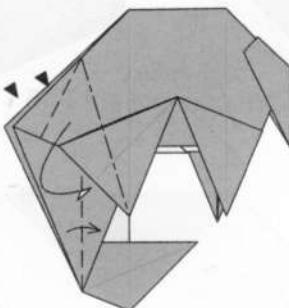
23. Precrease through all layers.



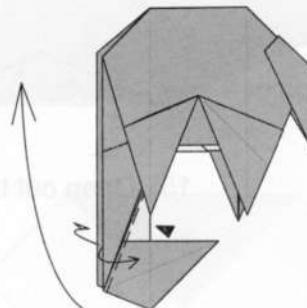
24. Reverse fold down.



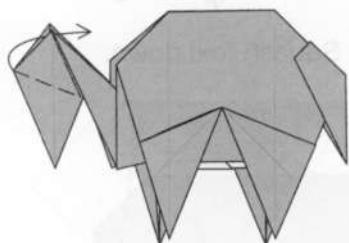
25. Precrease both sides along the angle bisector.



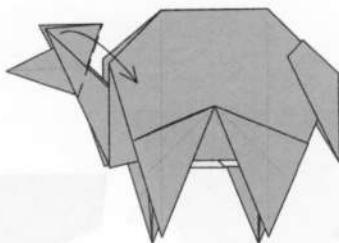
26. Reverse fold the sides in.



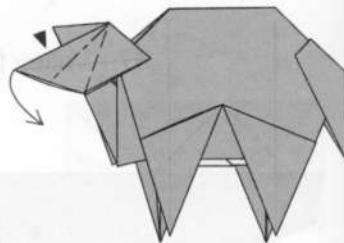
27. Reverse fold up, letting the sides swing over.



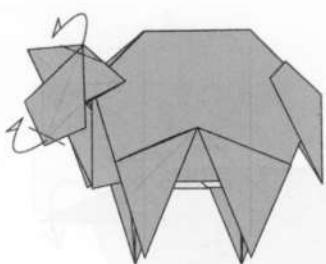
28. Crimp the head flap through.



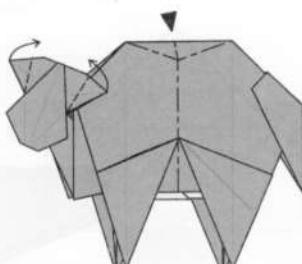
29. Swing down the top flap.



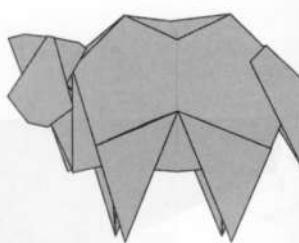
30. Squash fold the center flap down.



31. Mountain fold the corners behind.



32. Fold the ears up. Push in at the top to make 3-D.



33. Completed Camel

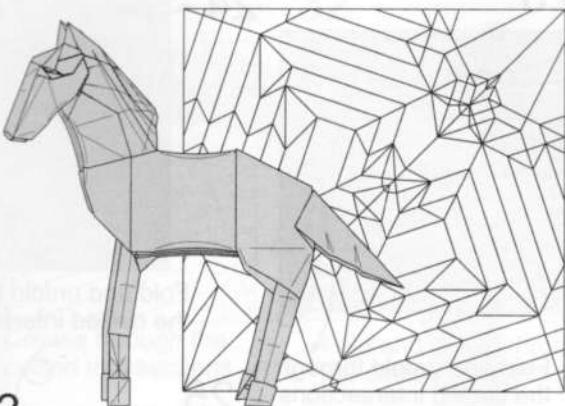
©2016 Marc Kirschenbaum

Horse

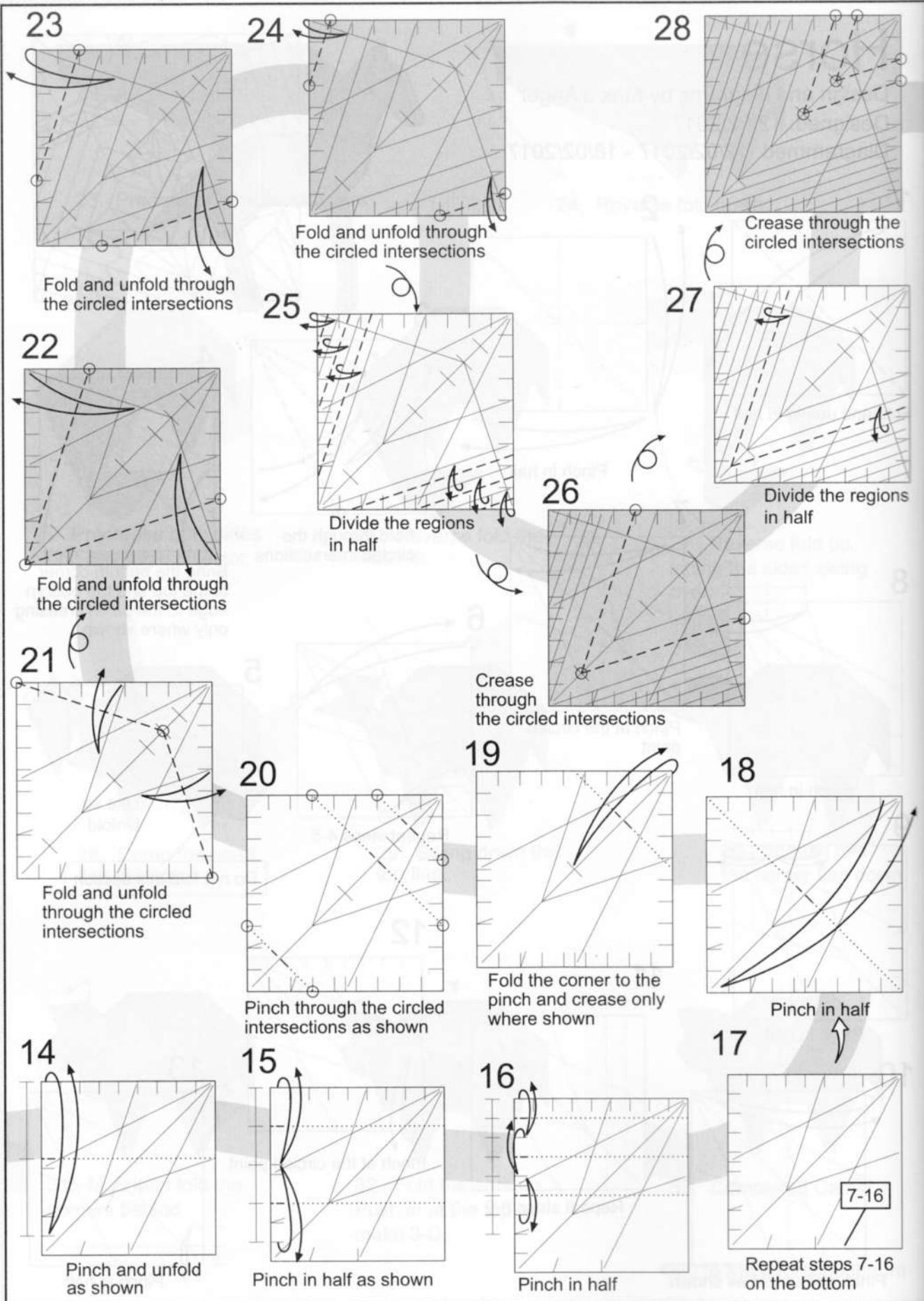
Design and diagrams by Max d'Anger

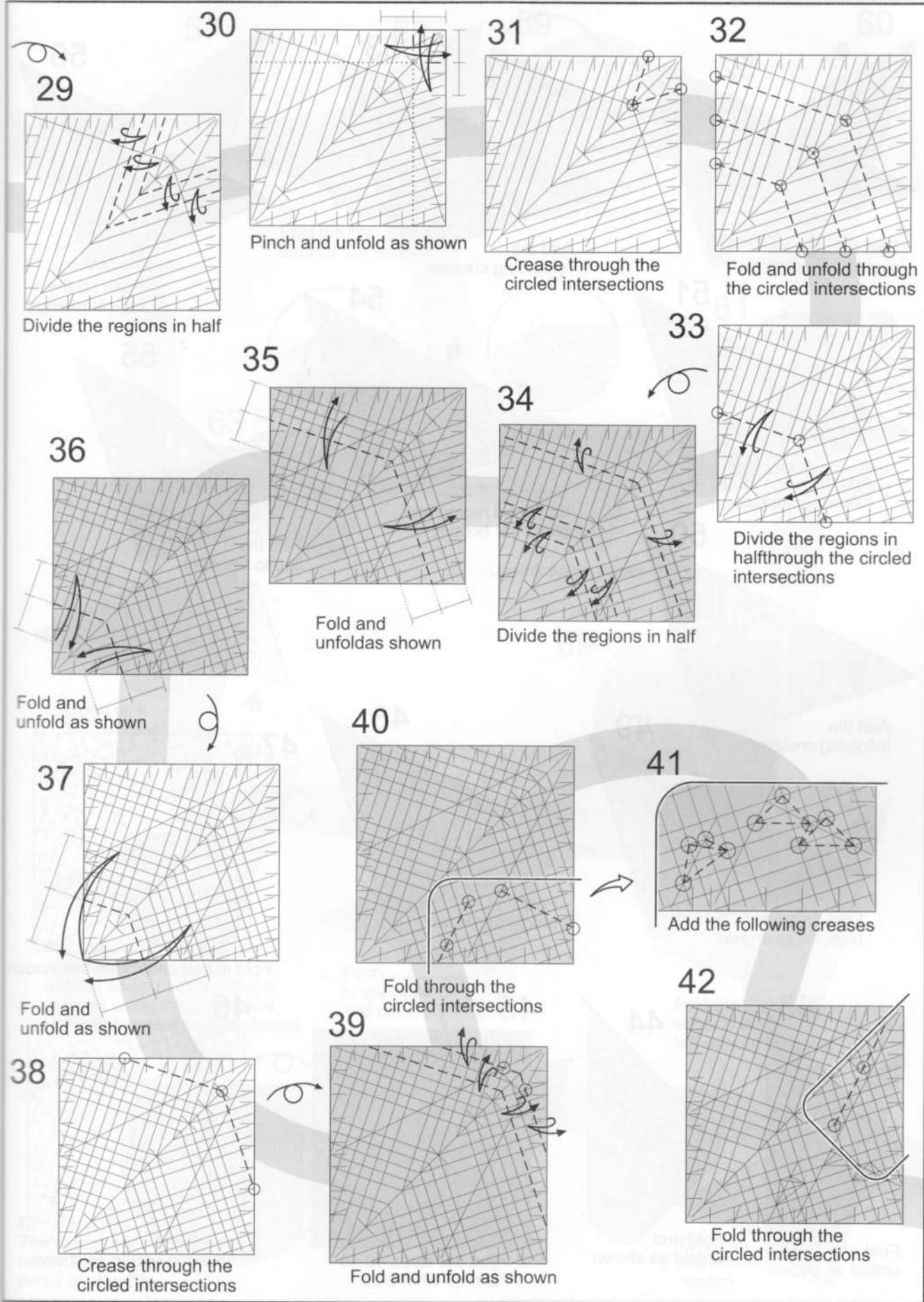
Designed: 12/02/2017

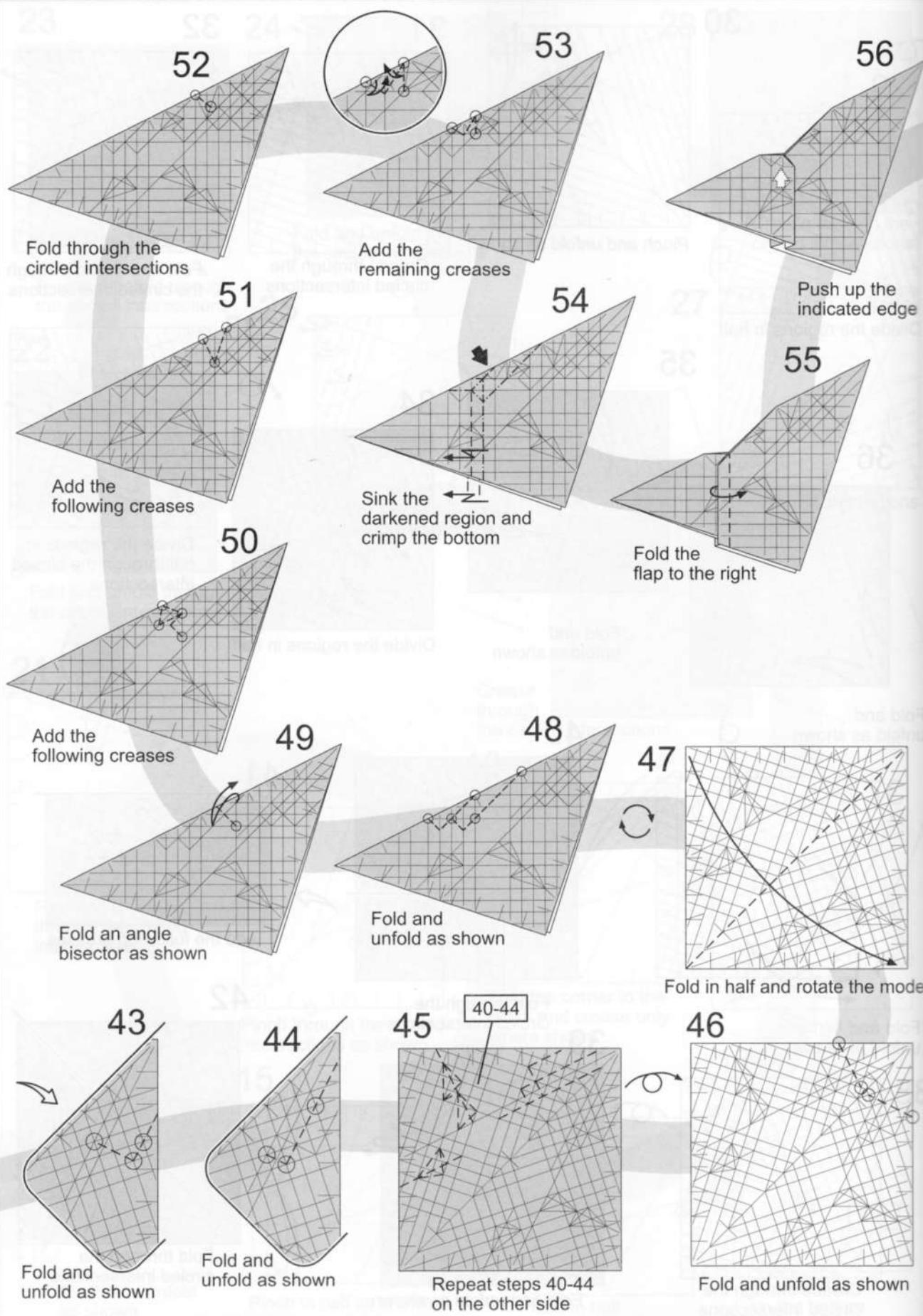
Diagrammed: 12/02/2017 - 18/02/2017

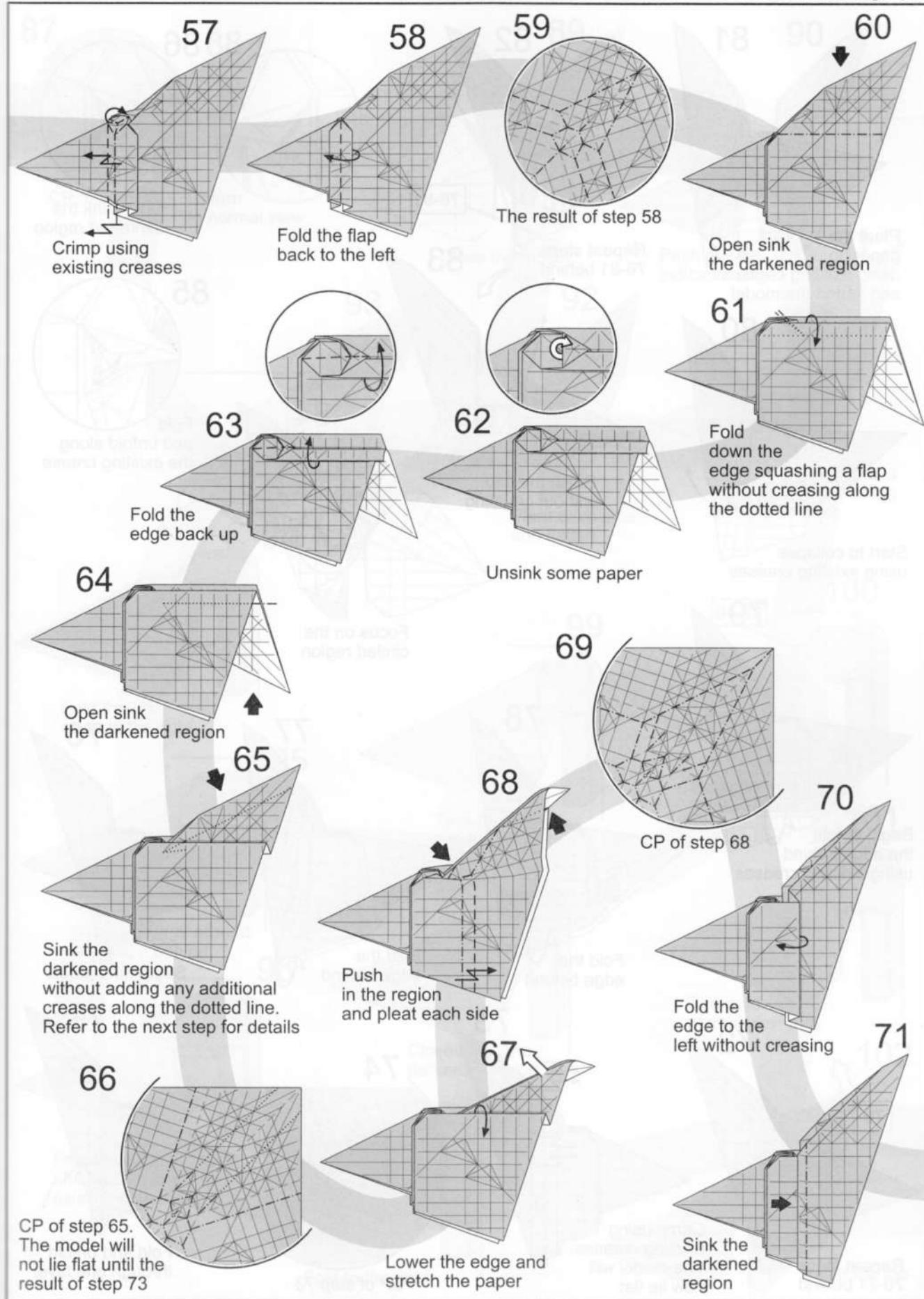


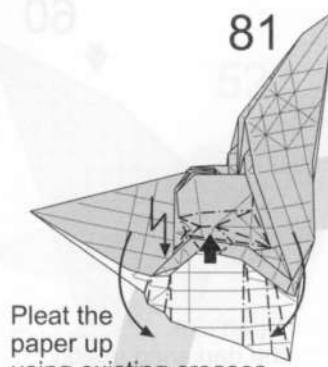
- 1 Fold and unfold in half
- 2 Pinch in half
- 3 Fold through the circled intersections
- 4 Bring the bottom corner to the top and the bottom edge to the pinch creasing only where shown
- 5 Like so. Unfold
Do not fold this section
- 6 Repeat steps 4-5
- 7 Pinch at the circled point
- 8 Pinch in half
- 9 Pinch in half
- 10 Pinch and unfold as shown
- 11 Repeat steps 8-9
- 12 Pinch at the circled point
- 13 Pinch in half



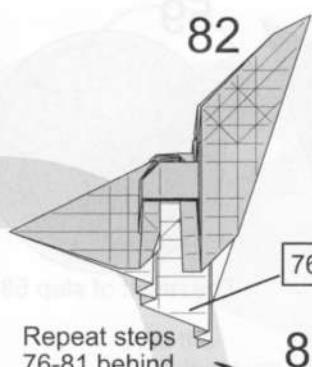




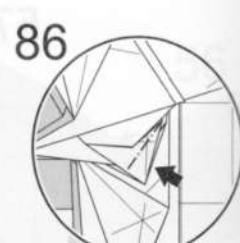




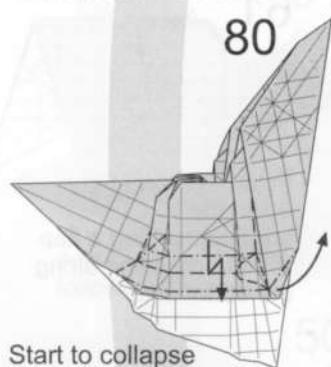
Pleat the paper up using existing creases and flatten the model



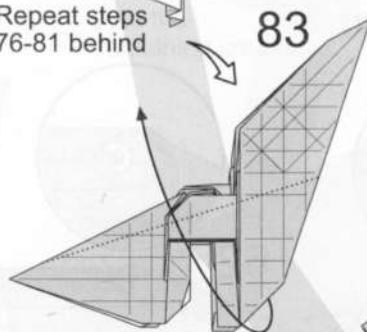
Repeat steps 76-81 behind



Open sink the darkened region



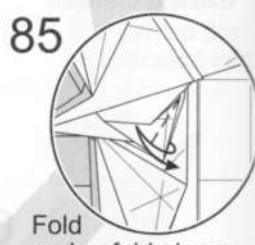
Start to collapse using existing creases



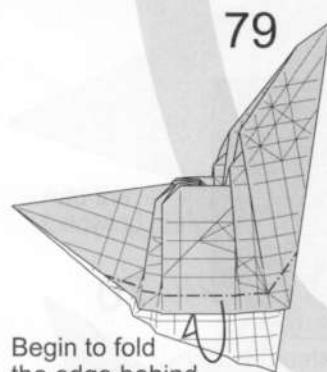
Raise the flap without creasing



Focus on the circled region

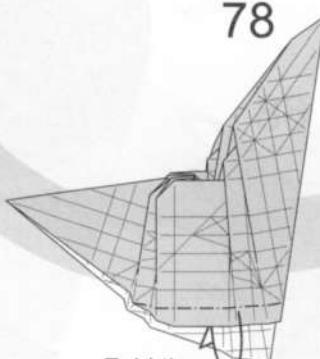


Fold and unfold along the existing crease



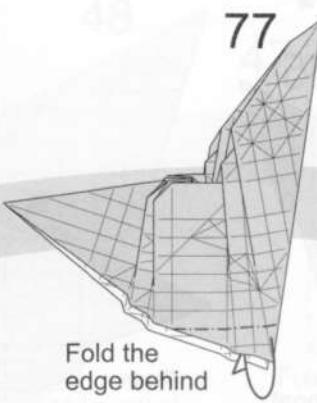
Begin to fold the edge behind using existing creases

78



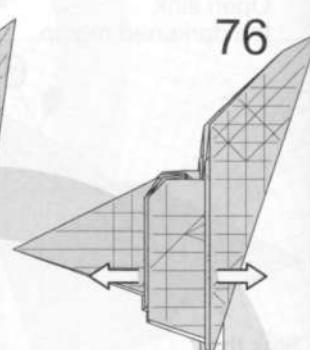
Fold the edge behind

77

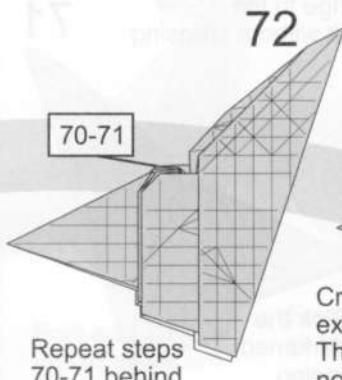


Fold the edge behind

76

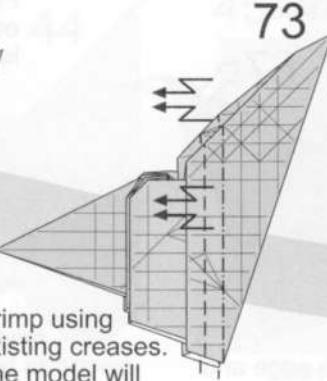


Stretch the pleats



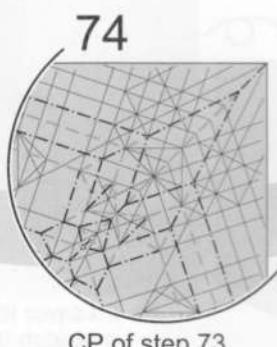
Repeat steps 70-71 behind

72



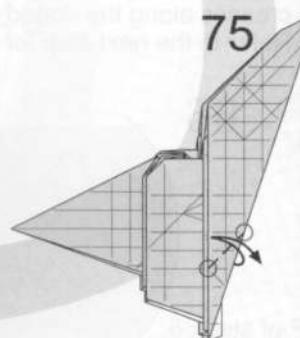
Crimp using existing creases. The model will now lie flat

73

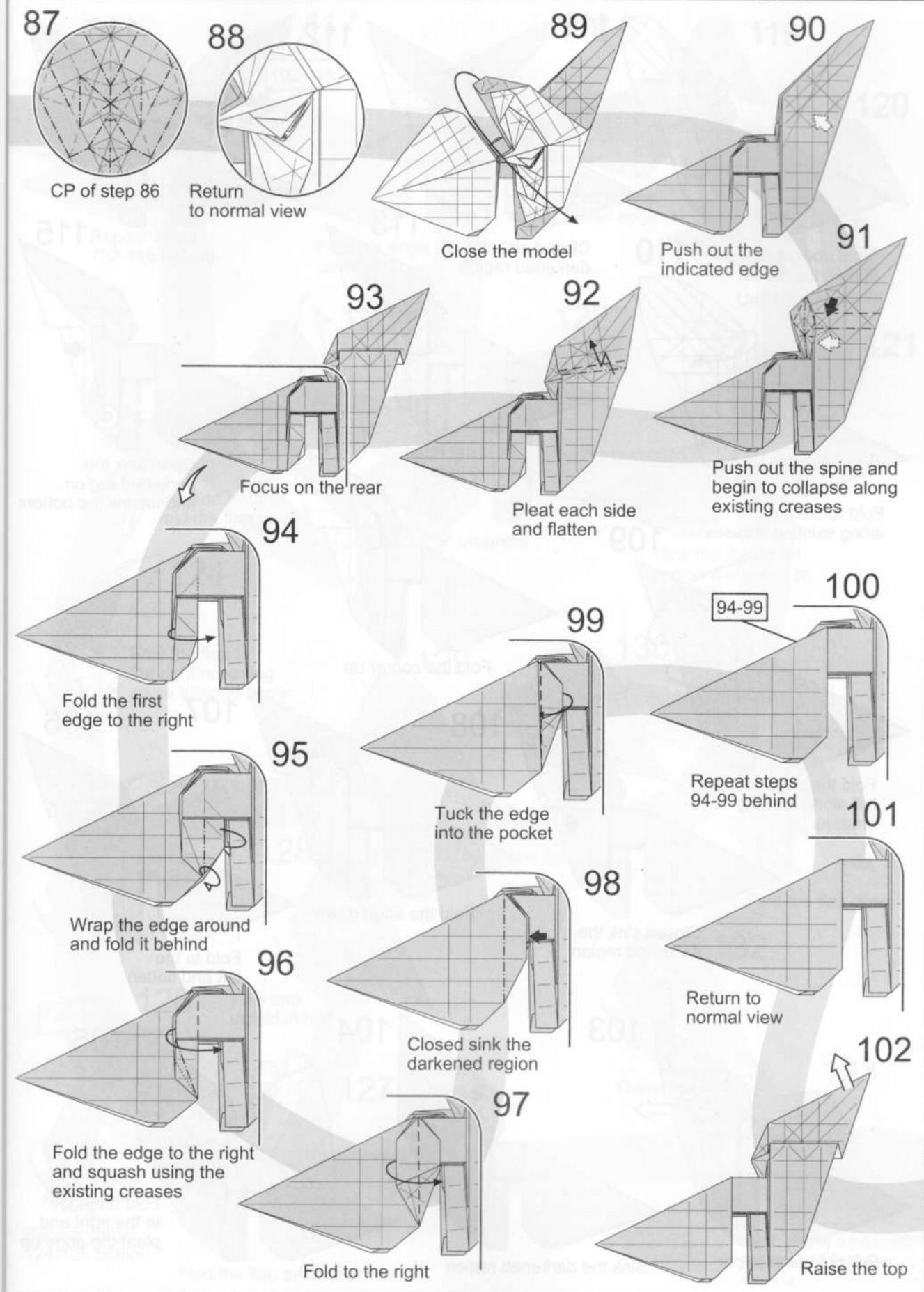


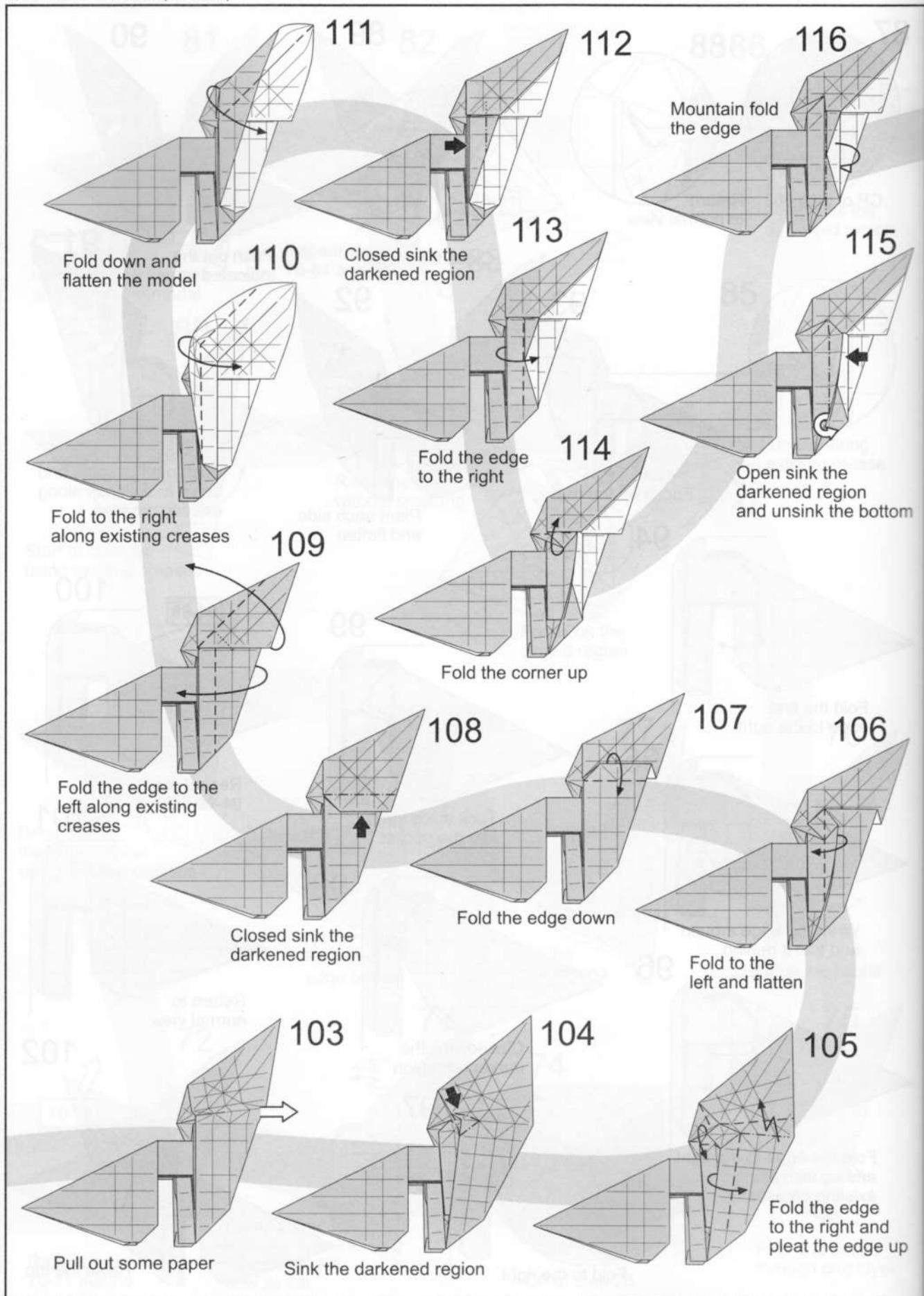
CP of step 73

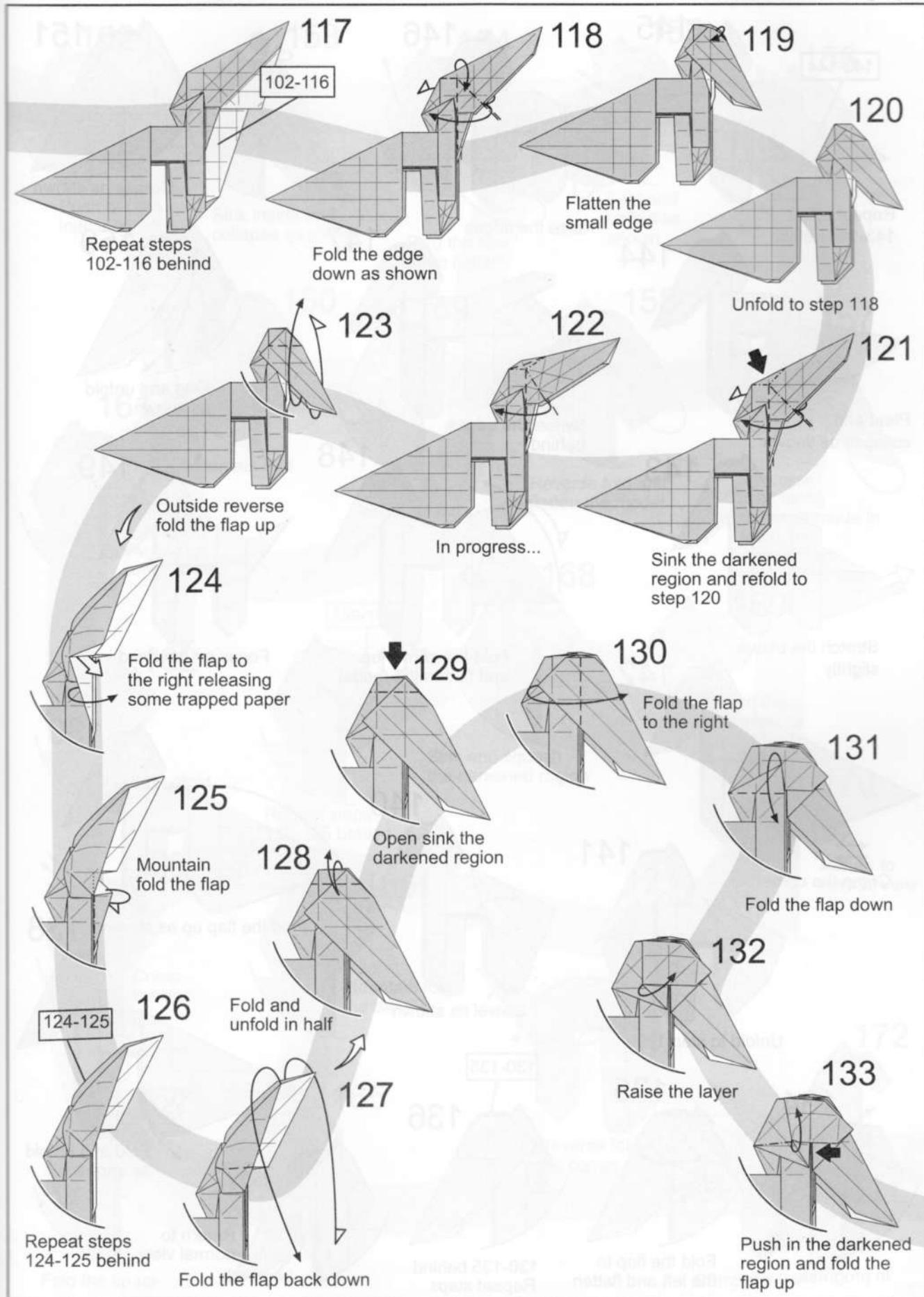
75

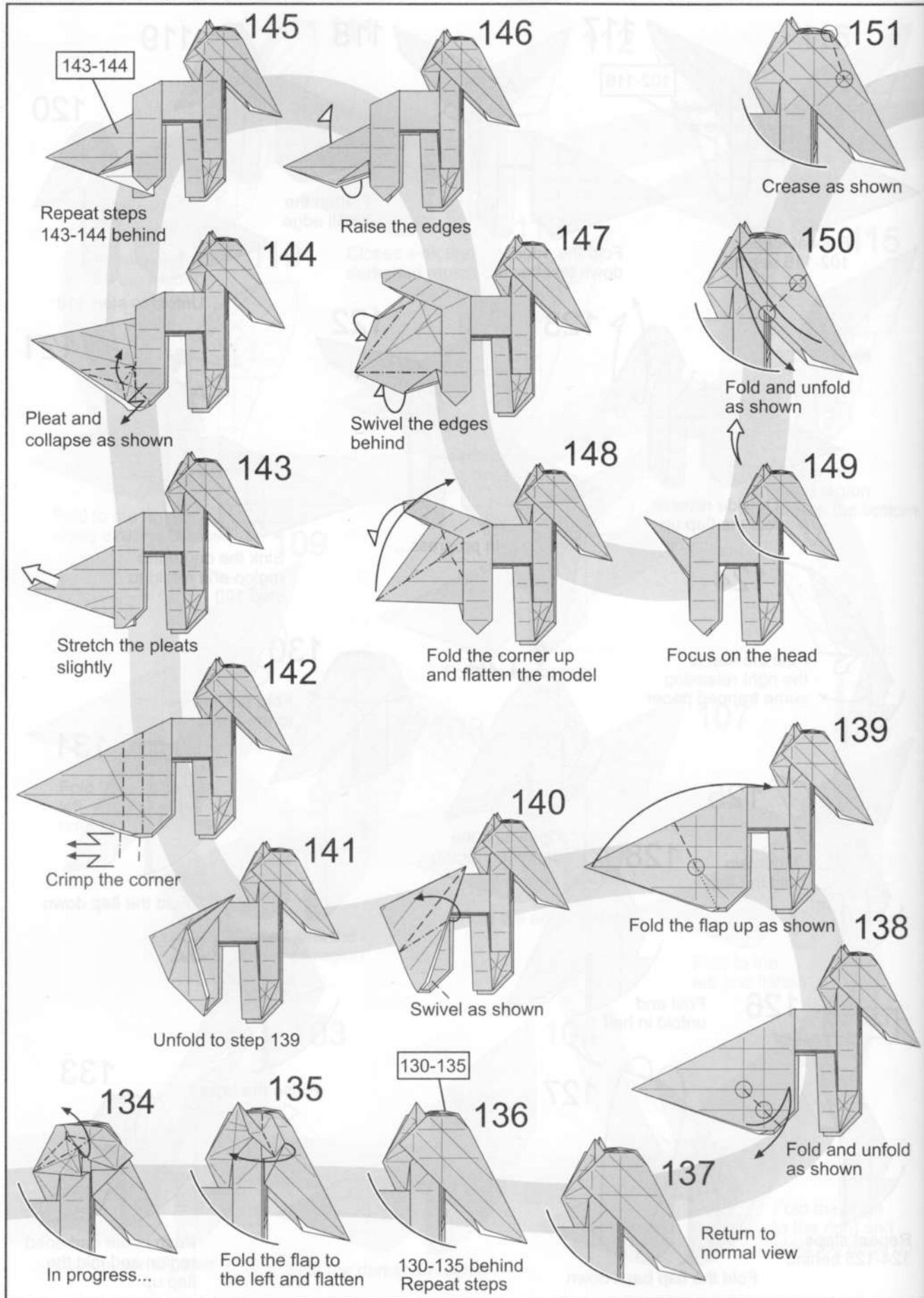


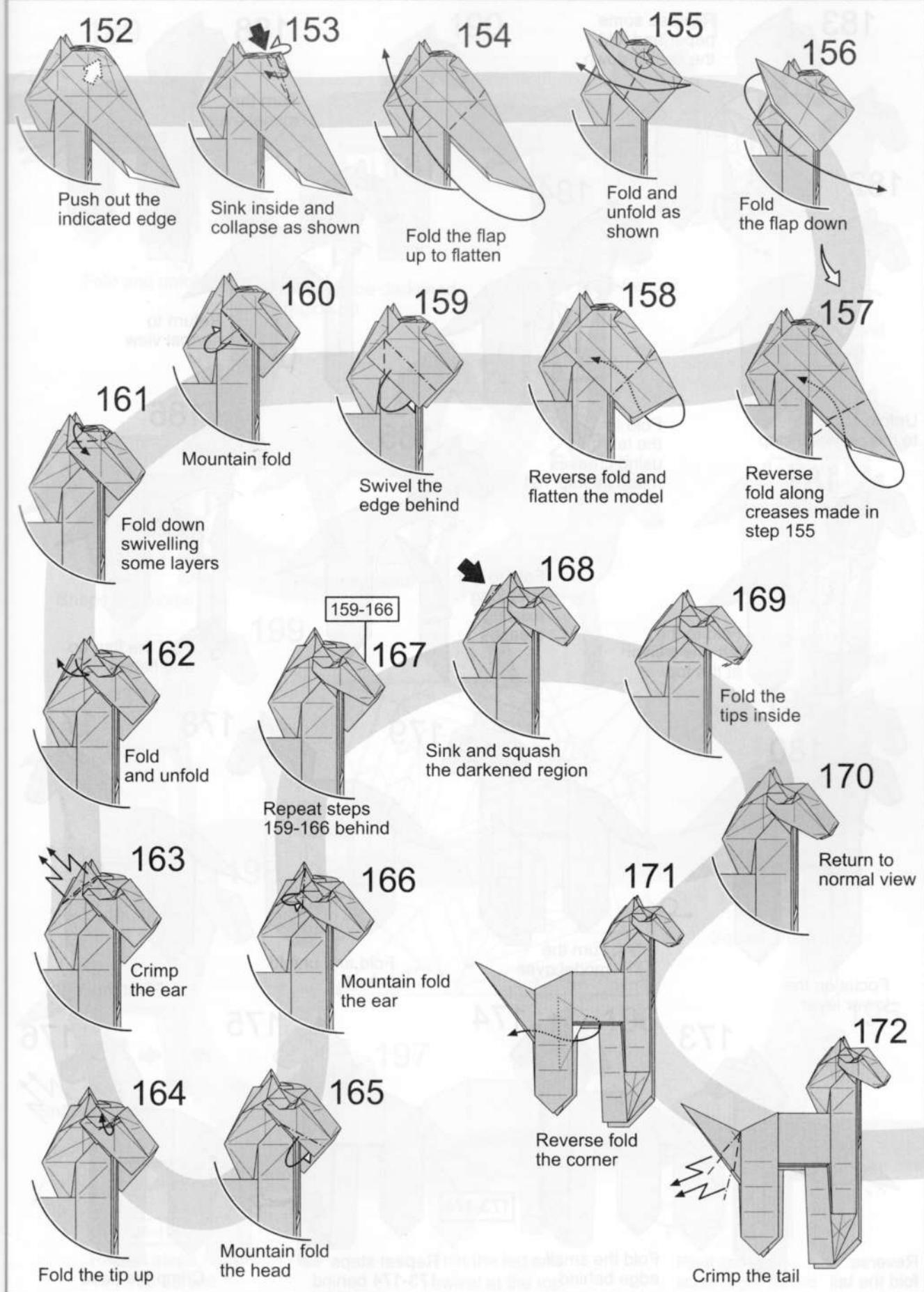
Fold and unfold through one layer

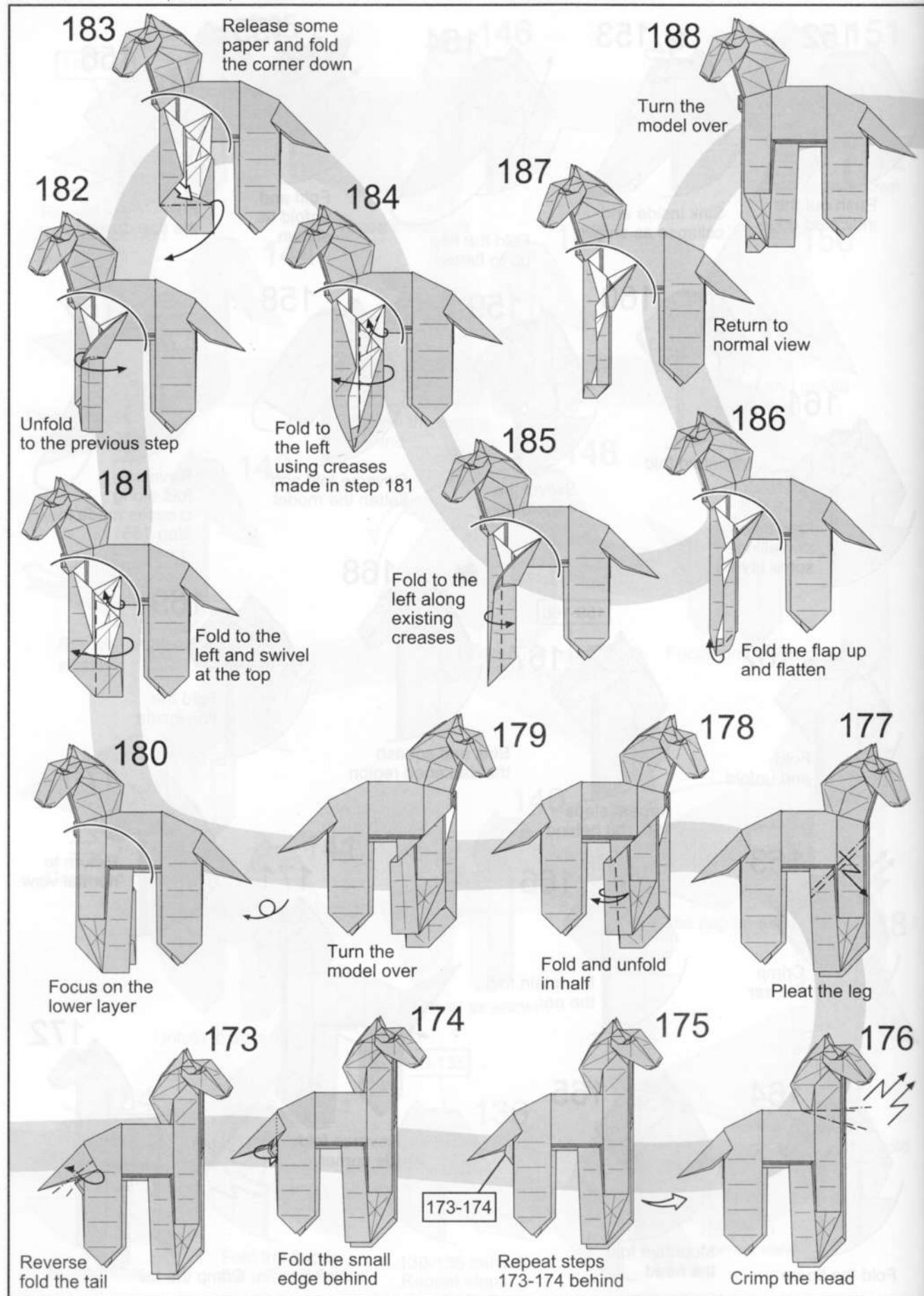




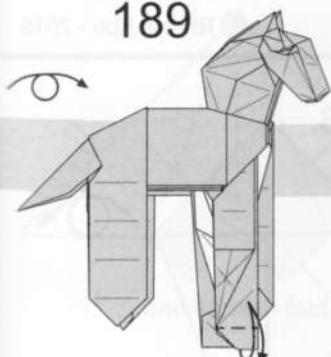




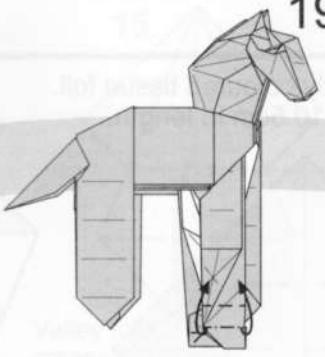




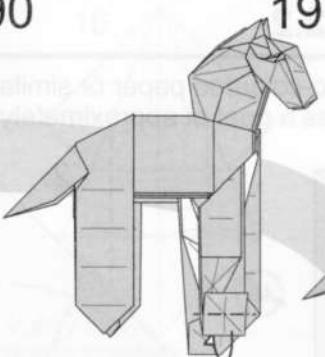
189



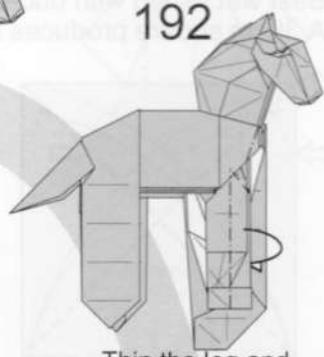
190



191



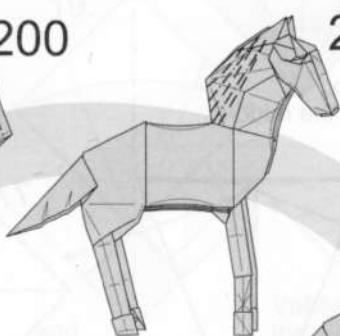
192



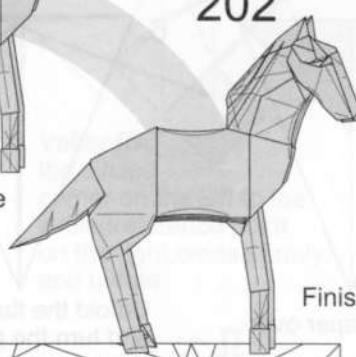
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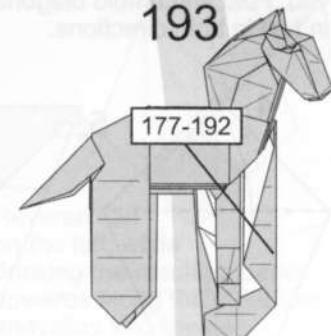
201



202



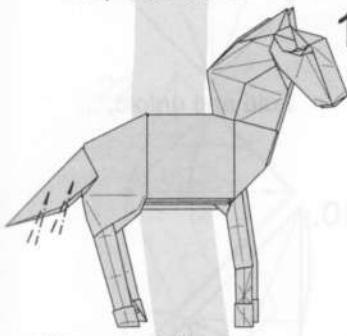
193



Shape the model

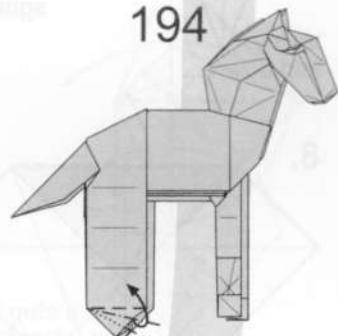
Repeat steps
177-192 behind

199



Finished

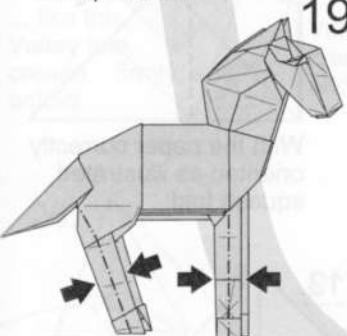
194



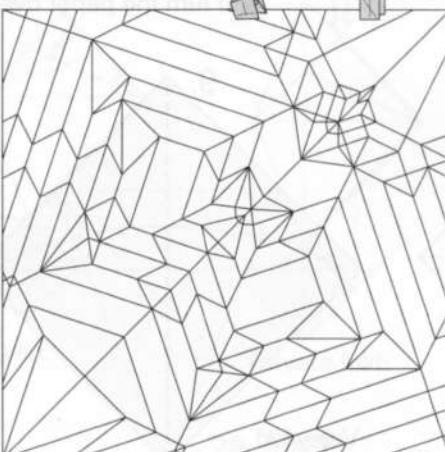
Crimp the tail

Squash the flap up

198

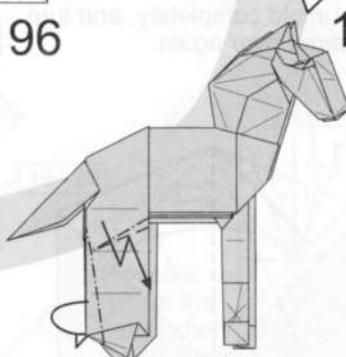


196



Shape the legs

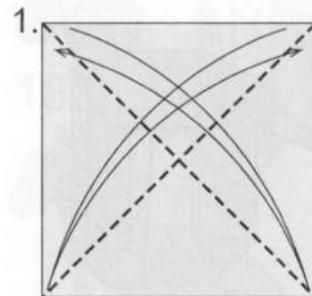
195

Repeat steps
194-196 behindThin the leg and
swivel at the topPleat and fold
some paper behind

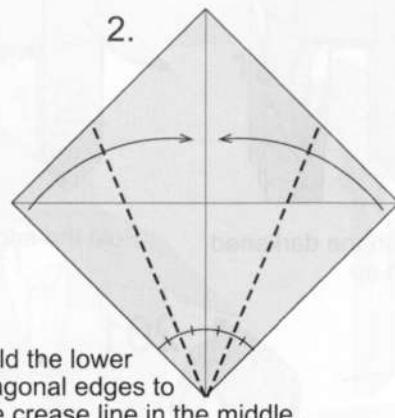
Goat 2015 Ver. 2.2

© Ronald Koh - 2015

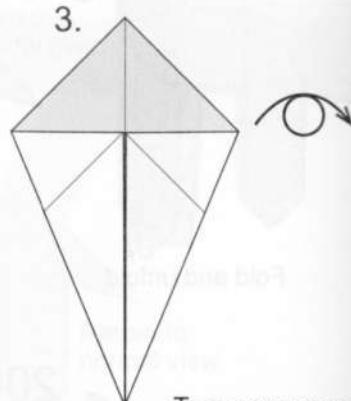
Best wet folded with duo-coloured paper or similarly coloured tissue foil.
A 30cm square produces a goat of approximately 10.5cm in length.



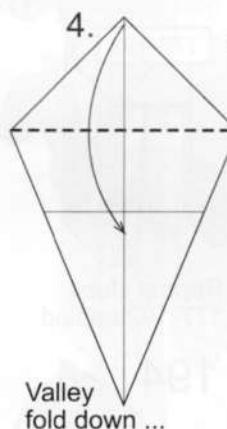
Begin with the non-dominant coloured side faced away from you. Fold and unfold diagonally in half in both directions.



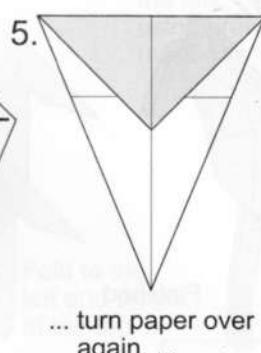
Fold the lower diagonal edges to the crease line in the middle.



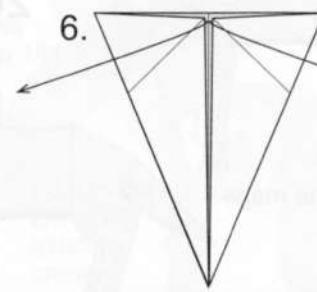
Turn paper over.



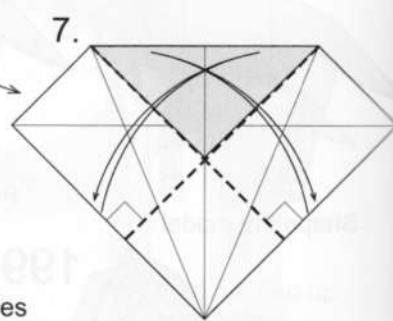
Valley fold down ...



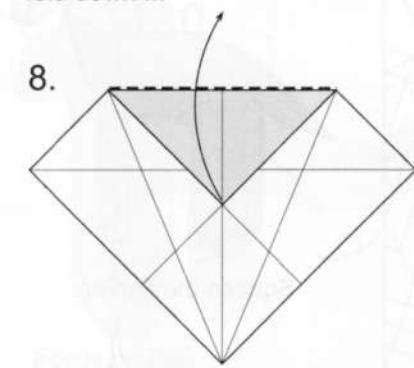
... turn paper over again, ...



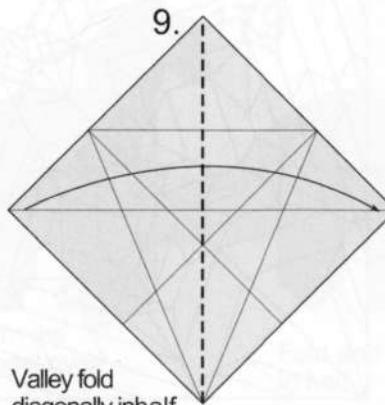
Unfold the flaps on the sides and turn the paper over again.



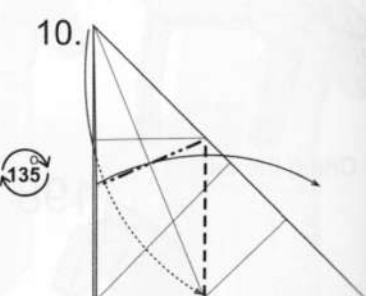
Fold and unfold, ...



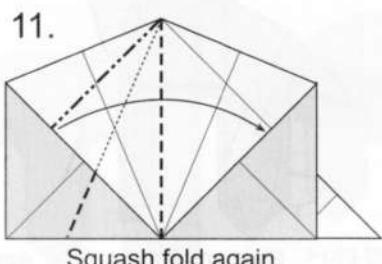
... then unfold completely, and turn the paper over again.



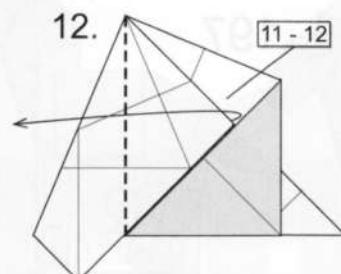
Valley fold diagonally in half.



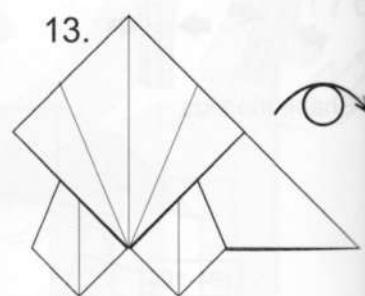
With the paper correctly oriented as illustrated, squash fold.



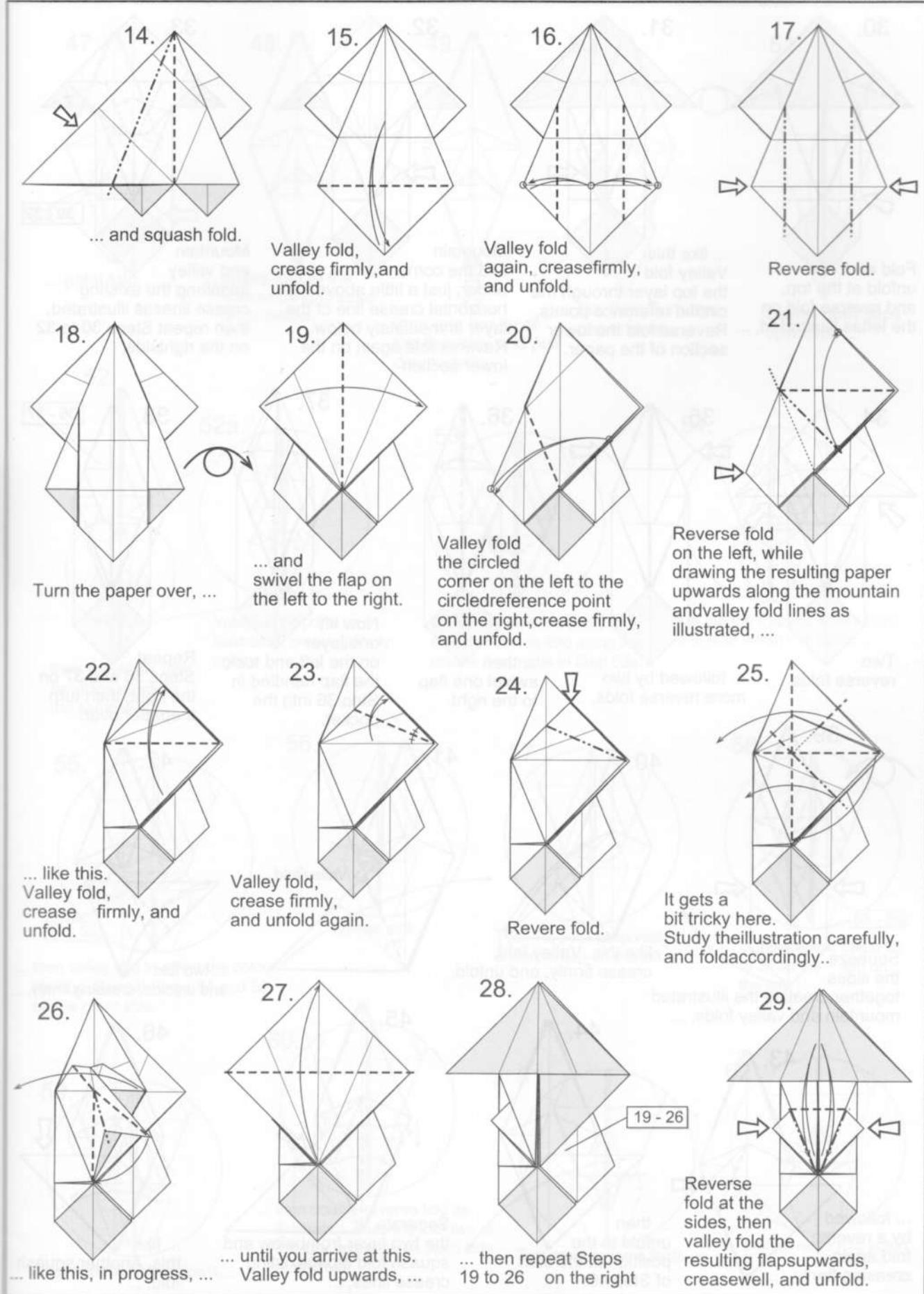
Squash fold again.

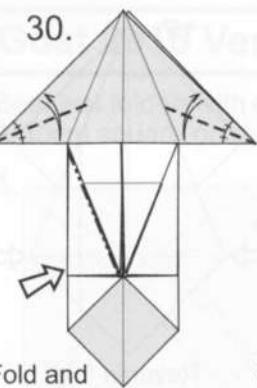


Swivel the triangular flap to the left and repeat Steps 11 and 12 on the right side.

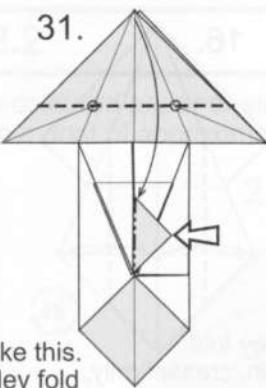


Turn the paper over again, ...

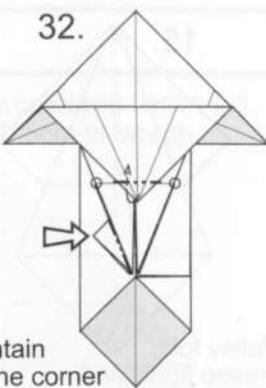




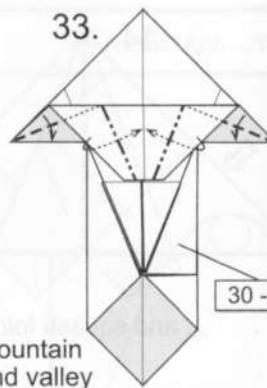
Fold and unfold at the top, and reverse fold on the left as illustrated, ...



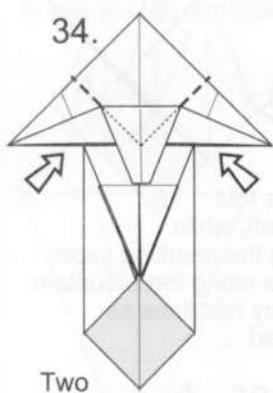
... like this. Valley fold the top layer through the circled reference points. Reverse fold the lower section of the paper.



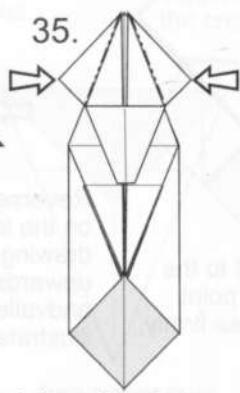
Mountain fold the corner under, just a little above the horizontal crease line of the layer immediately below. Reverse fold again on the lower section



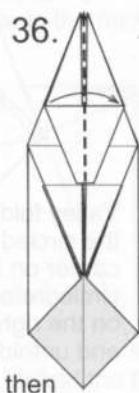
Mountain and valley fold along the existing crease lines as illustrated, then repeat Steps 30 to 32 on the right side.



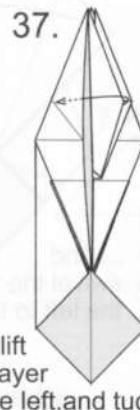
Two reverse folds, ...



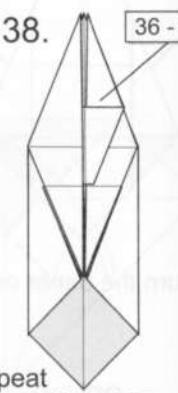
... followed by two more reverse folds, ...



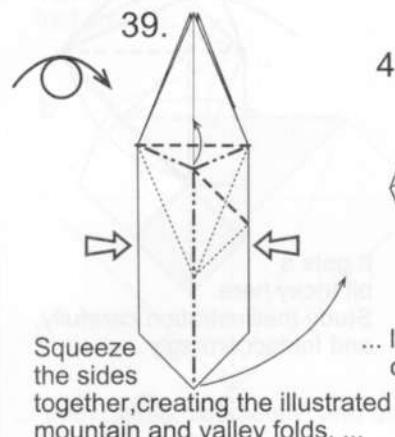
... then swivel one flap to the right.



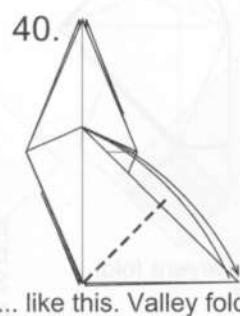
Now lift one layer on the left, and tuck the flap handled in Step 36 into the pocket.



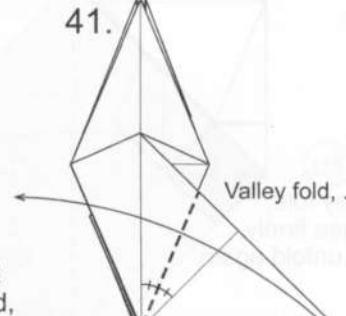
Repeat Steps 36 and 37 on the right, then turn the paper over.



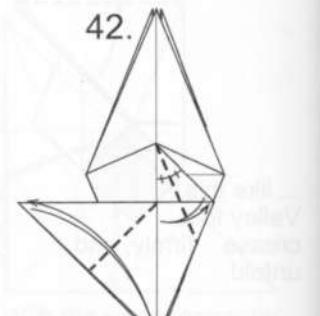
Squeeze the sides together, creating the illustrated mountain and valley folds, ...



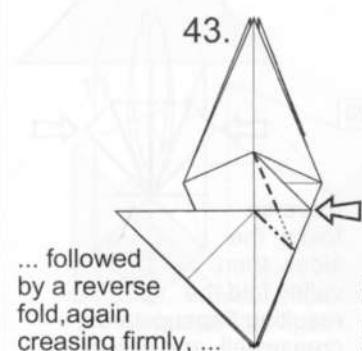
... like this. Valley fold, crease firmly, and unfold.



Valley fold, ...



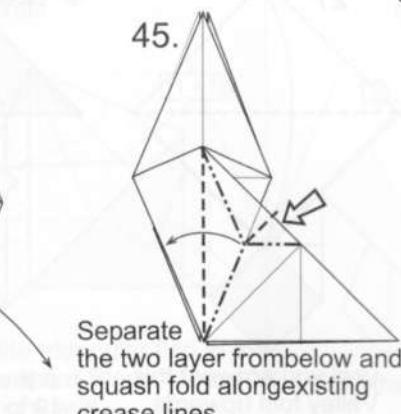
... two fold and unfolds, creasing firmly, ...



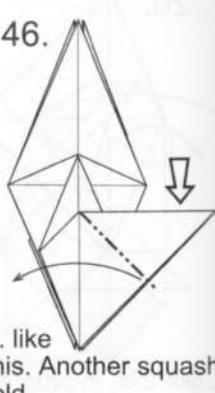
... followed by a reverse fold, again creasing firmly, ...



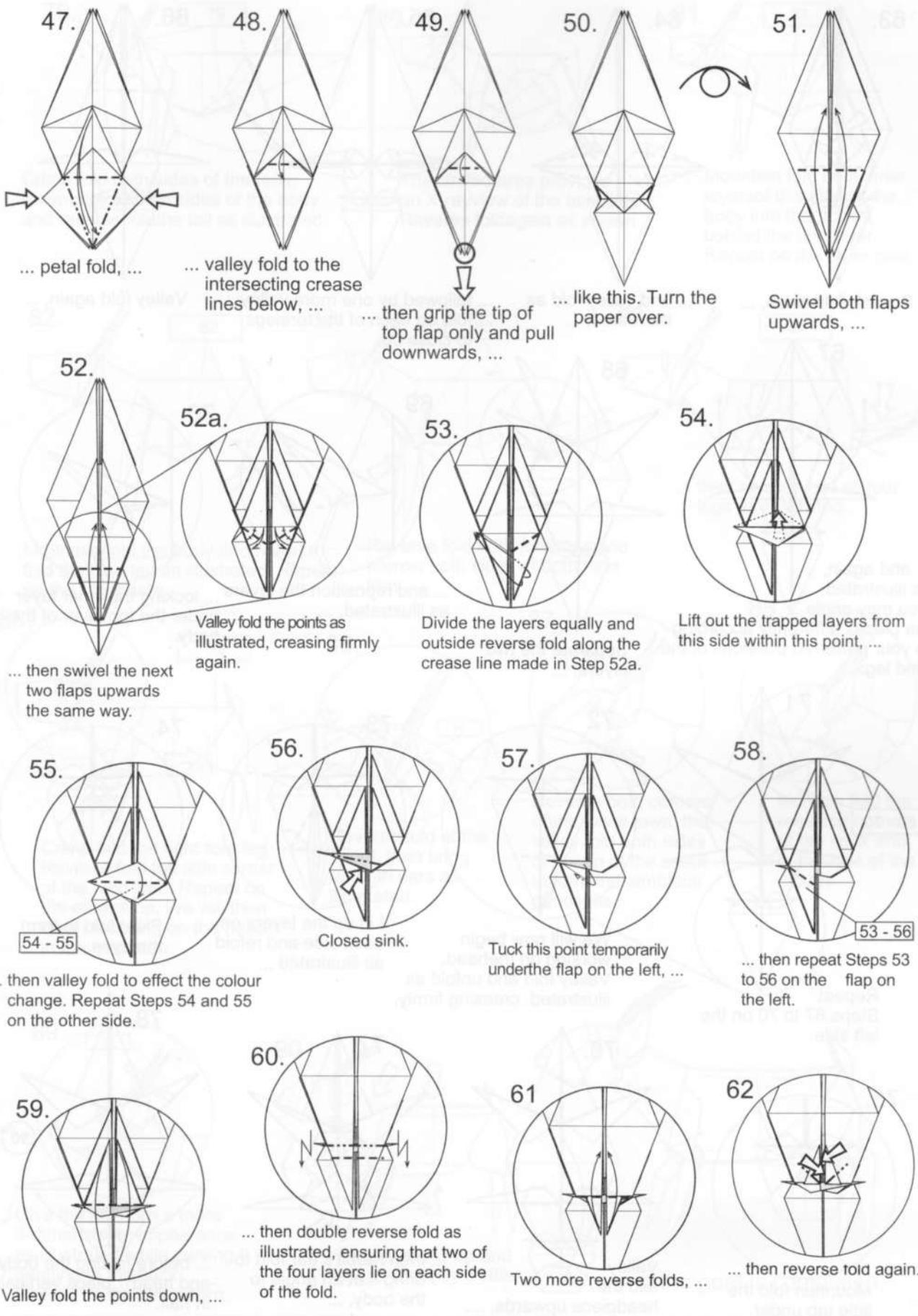
... then unfold to the position at the start of Step 40.

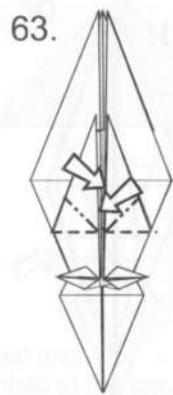


Separate the two layers from below and squash fold along existing crease lines, ...

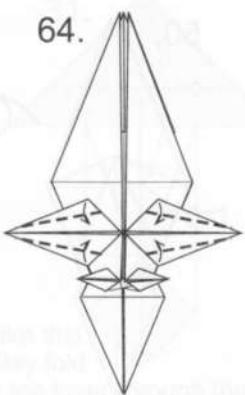


... like this. Another squash fold, ...

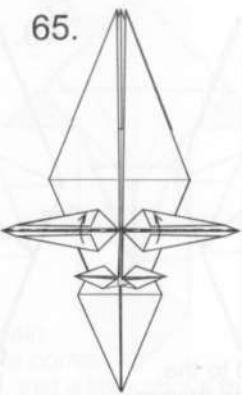




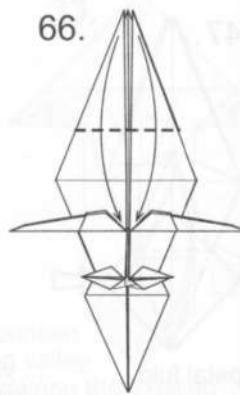
Squash fold twice, ...



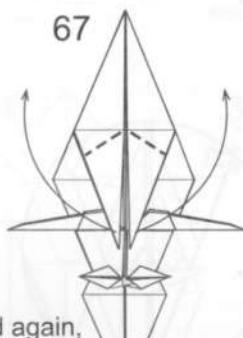
... and valley fold as illustrated, ...



... followed by one more valley fold on each of the forelegs to close up.



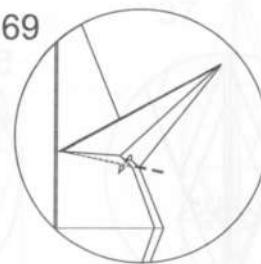
Valley fold again, ...



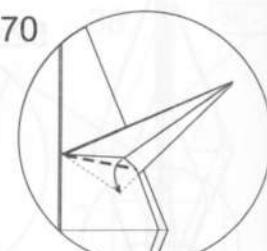
... and again, as illustrated. You may angle the pieces differently according to your preferred positions of the hind legs,



Separate the two layers, ...



... and reposition the layers as illustrated, ...



... locking the inner layer under the top layer of the body.

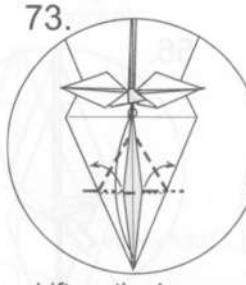


68 - 70

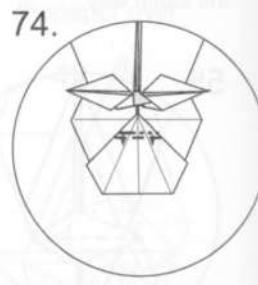
Repeat Steps 67 to 70 on the left side.



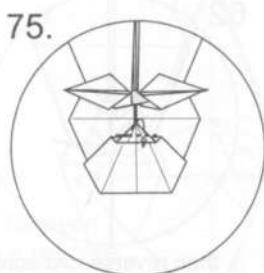
We will now begin working on the head. Valley fold and unfold as illustrated. Creasing firmly.



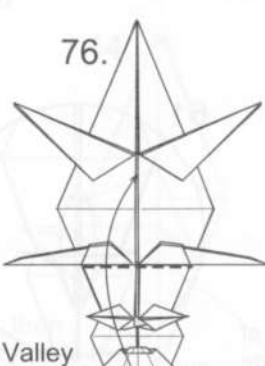
Lift up the layers on each side and refold as illustrated ...



Pleat fold to form the eyes.



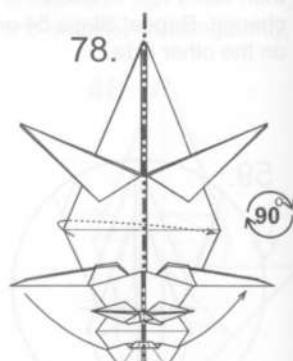
Mountain fold the little tab under.



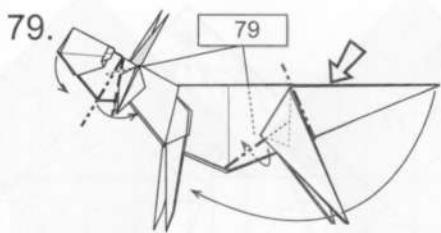
Valley fold the headpiece upwards,



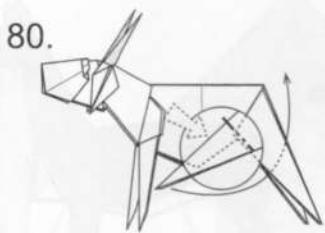
... then rabbit's ear fold to bring it at an angle to the body, ...



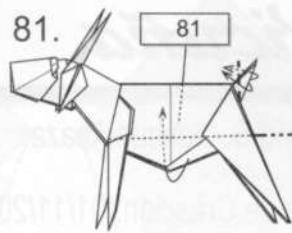
... before folding the body and head piece vertically in half.



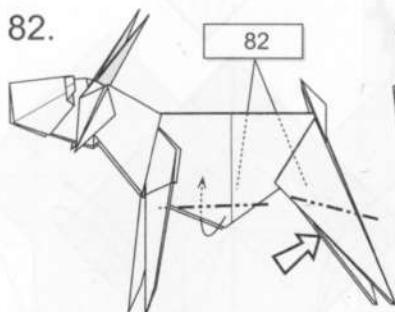
Crimp fold both sides of the face, mountainfold both sides of the body and reverse fold the tail as illustrated.



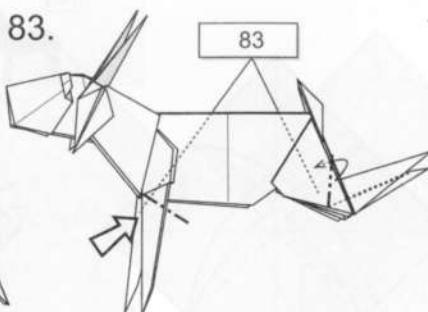
The circled area provides an X-rayview of the tail piece. Reverse fold again as shown.



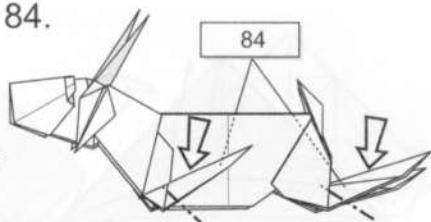
Mountain fold both inner layers of this side of the body into the pocket behind the first layer. Repeat on the other side.



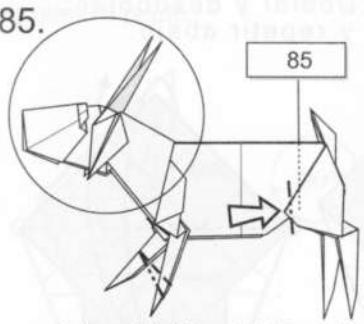
Mountain fold the body and reverse fold the hind leg as illustrated. Repeat on the other side.



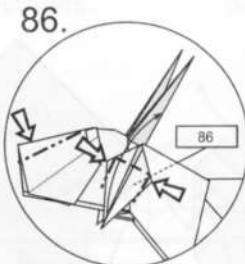
Reverse fold both fore legs and narrow both sides of both hind legs ...



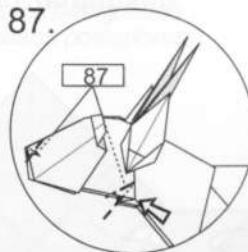
... then reverse fold all four legs as illustrated.



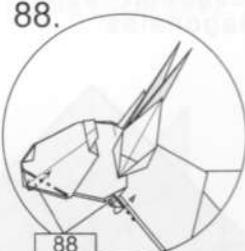
Crimp fold the right fore leg. Reverse fold the little corner of the hind limb. Repeat on the other side. We will then begin focusing on the head in the next step.



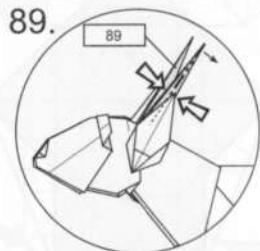
Reverse fold at the snout, then bring up both ears as illustrated.



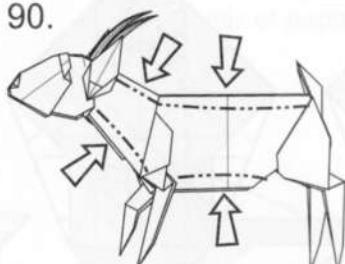
Reverse both corners of the lower jaws, the valley fold both sides of the tip of the snout to form the semblance of nostrils.



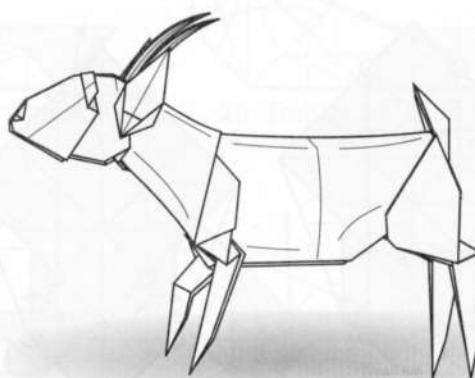
Mountain fold the resulting corners at the neck and both sides of the mouth.



Give the left horn a more 3-dimensional appearance as illustrated while curving it gently to the back. Repeat on the other horn.



Finally, round up and shape the body a little, ...



... and the goat is completed.

Vicuña

David S. Llanque Apaza.

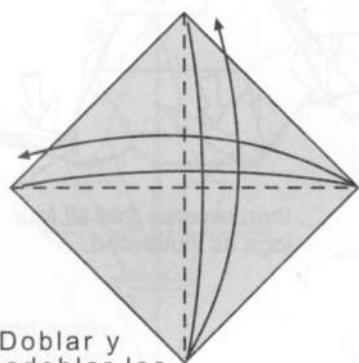
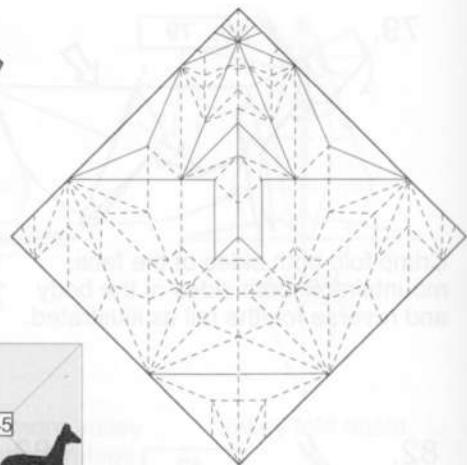
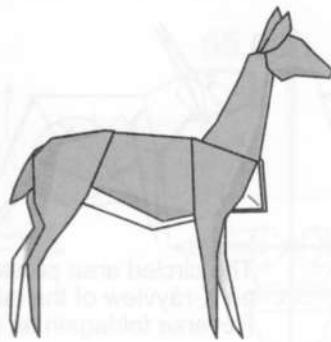
Fecha de Creacion: 01/11/2009

Fecha de diagramacion: 30/06/2017

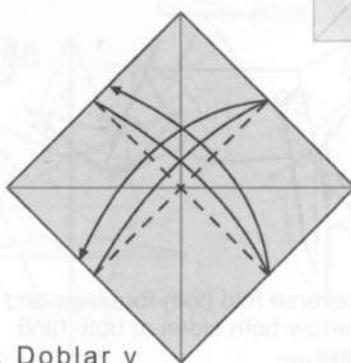
Papel: doble color

NIVEL: 3

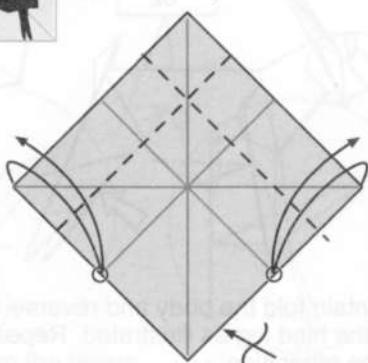
tamaño recomendado: 25cm



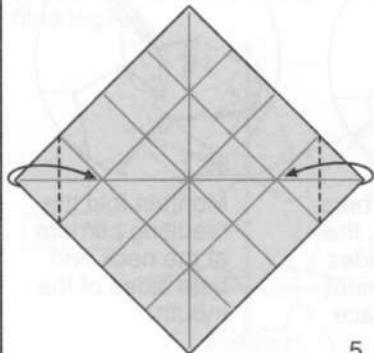
1. Doblar y desdoblar las diagonales.



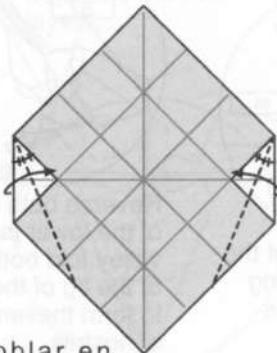
2. Doblar y desdoblar por la mitad.



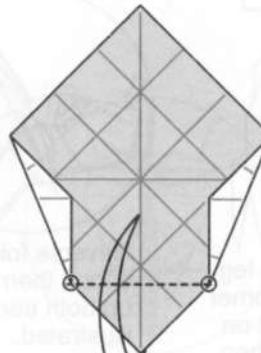
3. Doblar y desdoblar y repetir abajo.



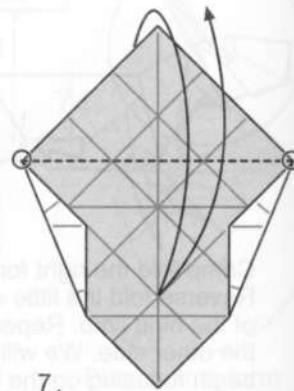
4. Doblar en valle.



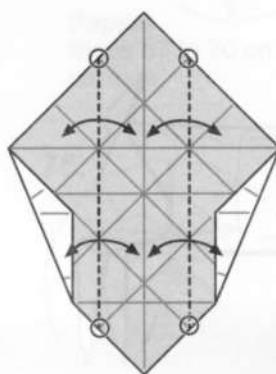
5. Doblar en valle las bisectrices



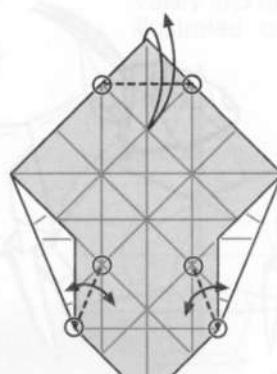
6. Marcar de punto a punto.



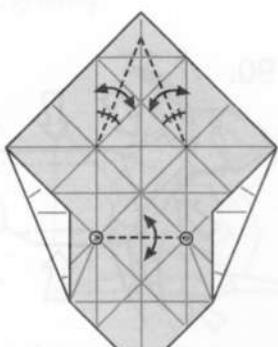
7. Doblar y desdoblar



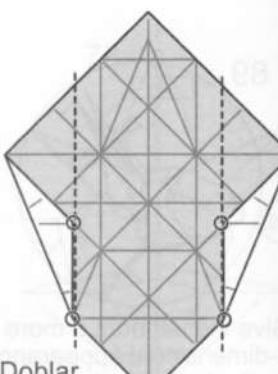
8. Marcar de punto a punto.



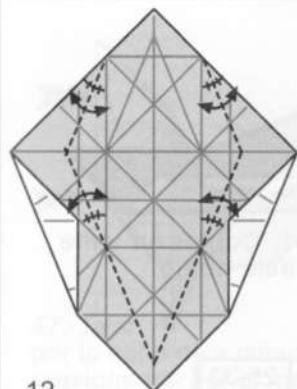
9. Marcar de punto a punto.



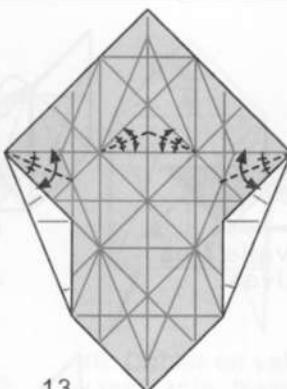
10. Marcar las bisectrices



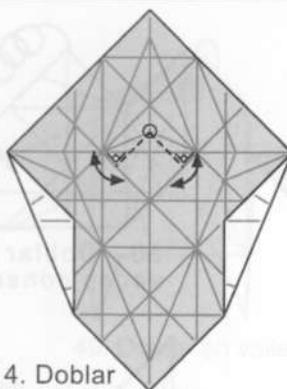
11. Doblar y desdoblar pasando por los puntos.



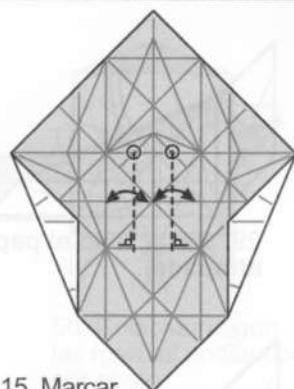
12. Doblar las bisectrices.



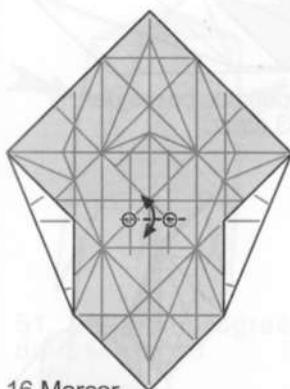
13. Doblar las bisectrices.



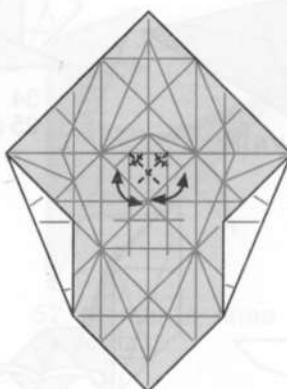
14. Doblar en valle formando angulo recto.



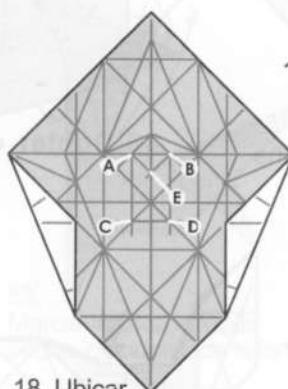
15. Marcar de punto a punto.



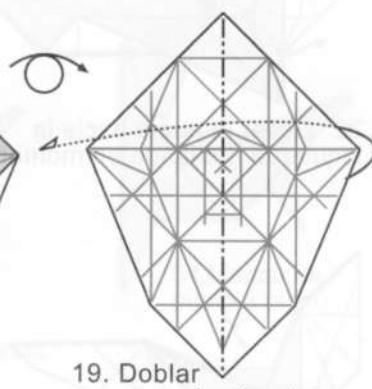
16. Marcar de punto a punto.



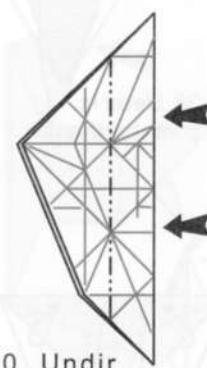
17. Marcar la bisectrices.



18. Ubicar los puntos designados para pasos posteriores.

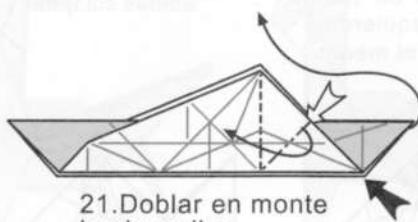


19. Doblar en monte hacia atras.



20. Undir.

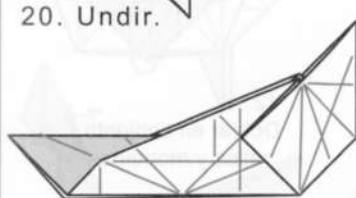
90°



21. Doblar en monte hacia arriba.

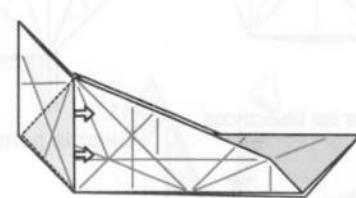


22. Voltear la solapa.

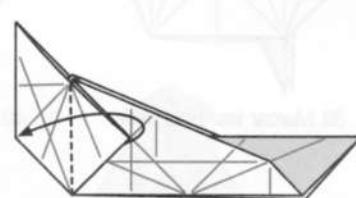


23. Voltear.

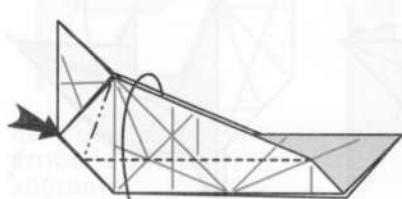
90°



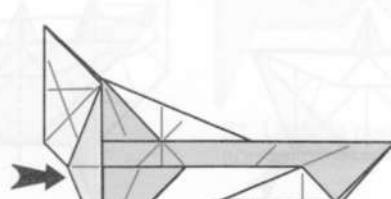
24. Sacar el papel atrapado.



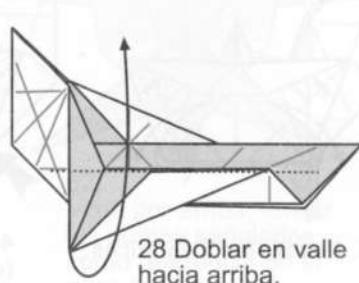
25. Doblar en valle hacia la izquierda



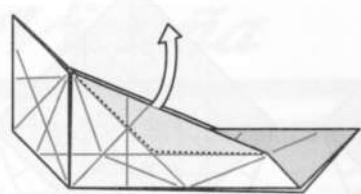
26. Doblar en valle hacia abajo undiendo por el costado.



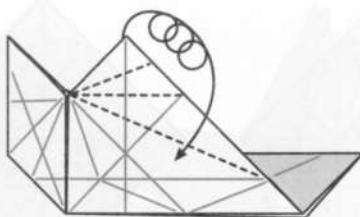
27. Abrir y undir (Open sink)..



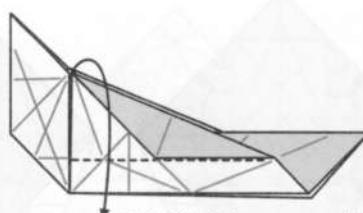
28. Doblar en valle hacia arriba.



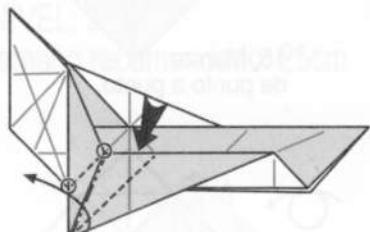
29. Sacar todo el papel atrapado..



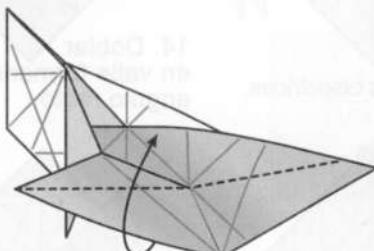
30 . Doblar en valle tres veces consecutivas.



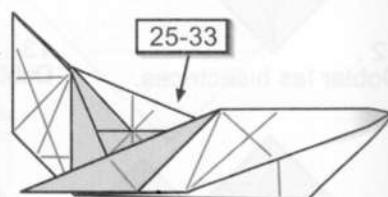
31. Doblar en valle hacia abajo.



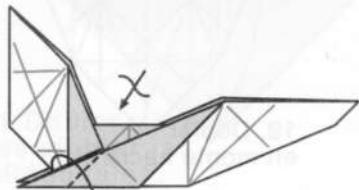
32. Llevar la punta hacia la izquierda doblando en montaña.



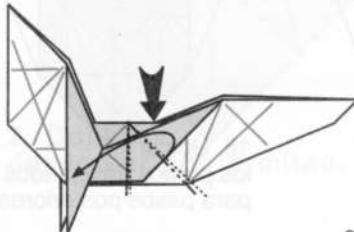
33.Doblar en valle .



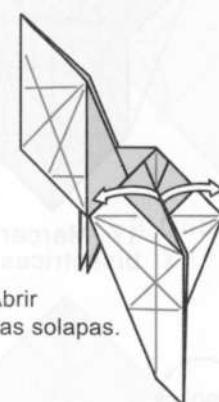
34. Repetir los pasos del 25 al 33 a traz.



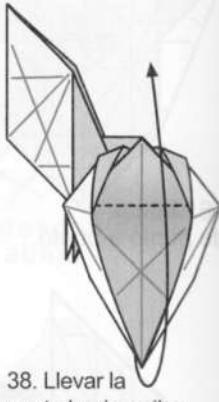
35.Llevar la punta hacia abajo.



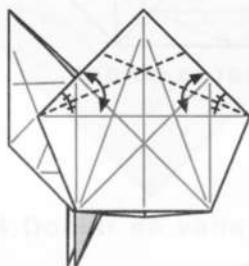
36. Doblar en monte hacia la izquierda y undir por el medio.



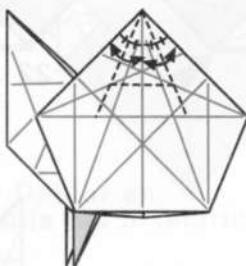
37.Abrir ambas solapas.



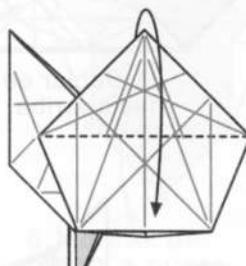
38. Llevar la punta hacia arriba.



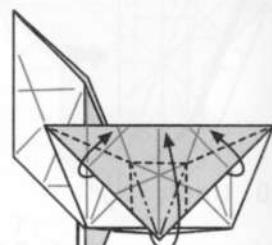
39. Marcar las bisectrices.



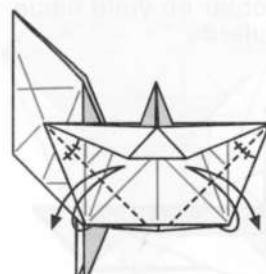
40. Marcar las bisectrices.



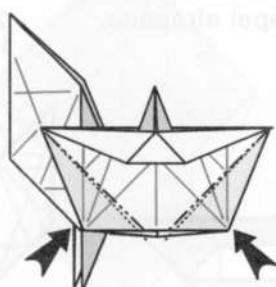
41. Bajar la punta hacia abajo.



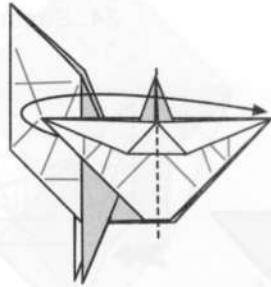
42. Doblar en conjunto valles y montañas.



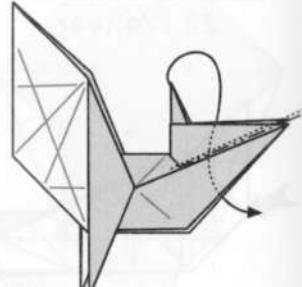
43. Marcar las bisectrices.



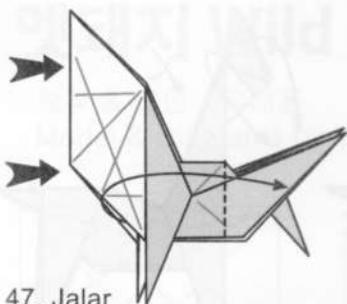
44. Abrir y undir (open sink).



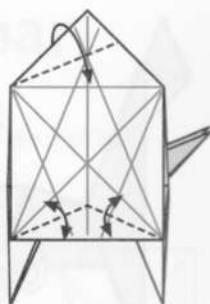
45. Doblar en valle hacia la derecha.



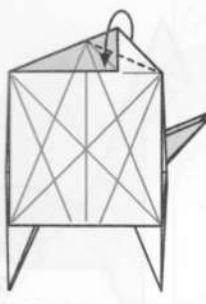
46. Llevar la punta hacia abajo doblando en monte.



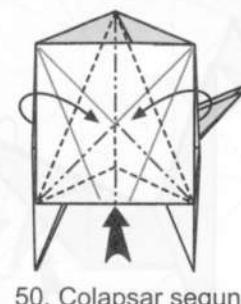
47. Jalar por la capa dela mitad presionando por el medio.



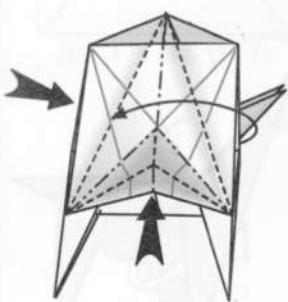
48. Doblar en valle, y marcar la bisectrices.



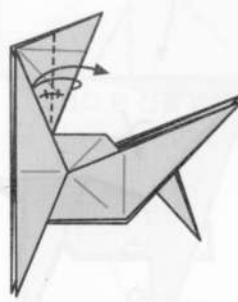
49. Doblar en valle.



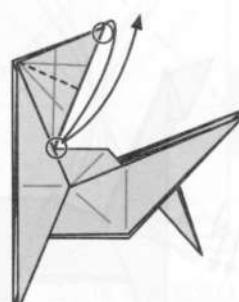
50. Colapsar segun las marcas undiendo por abajo.



51. Vista en progreso del paso N°50.



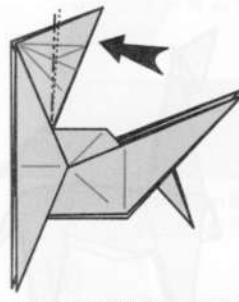
52. Marcar la linea bisectriz.



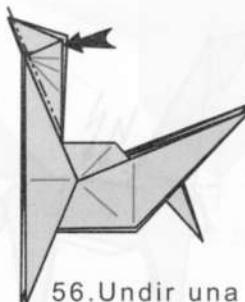
53. Marcar la linea en valle segun los puntos de referencia.



54. Marcar de punto a punto.



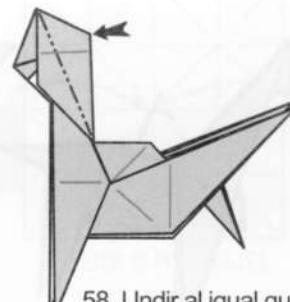
55.Undir.



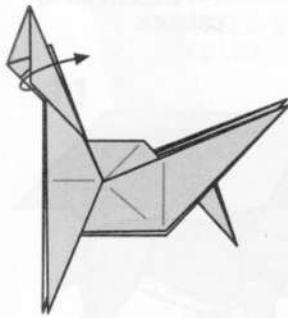
56.Undir una solapa.



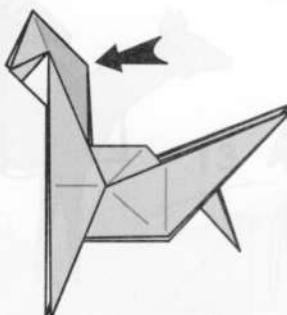
57. Sacar el papel atrapado.



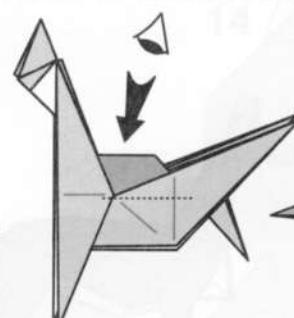
58. Undir al igual que paso N° 56.



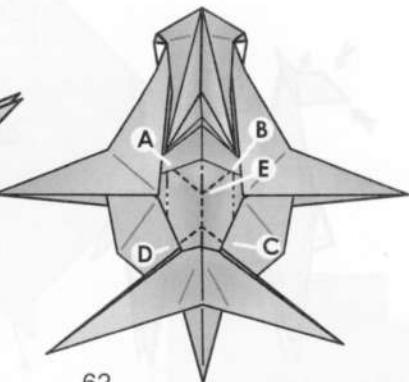
59. Levantar hacia arriba la solapa sobrante.



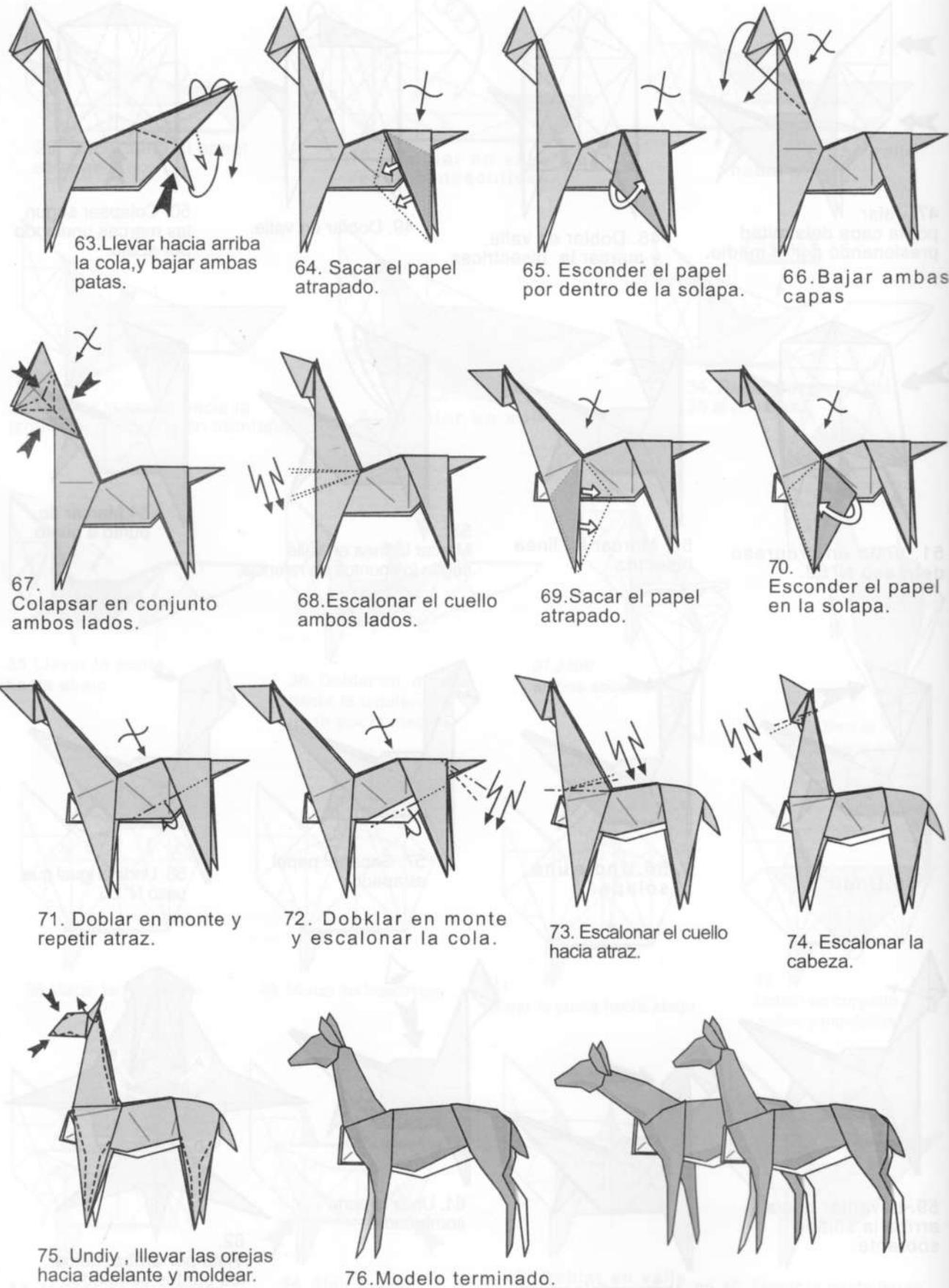
60. Abrir y undir la solapa (Open sink).



61. Undir la parte sombreada.



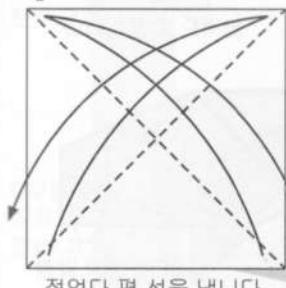
62. Vista por arriba, ubicar los puntos señalados como referencia en el paso N° 1 8.



멧돼지 Wild Boar

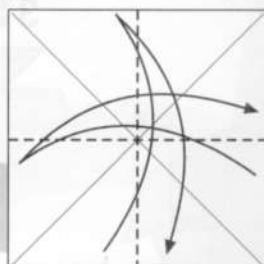
창작 & 도면 : 유태용
Model & Diagrams by Yoo Tae Yong

1



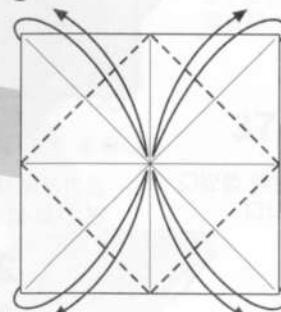
접었다 편 선을 납니다

2



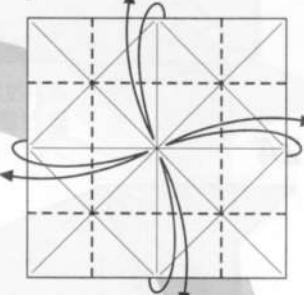
접었다 편 선을 납니다

3



중심에 맞춰 접었다 편 선을 납니다

4



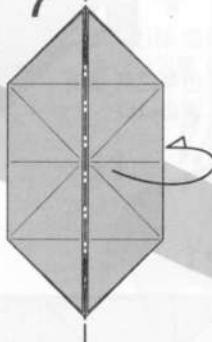
접기선에 맞춰 접었다 편 선을 납니다

8



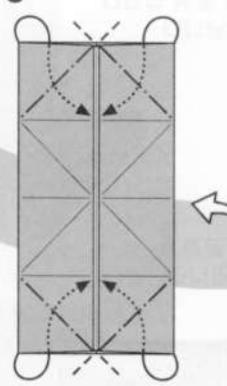
접기선에 맞춰 접습니다

7



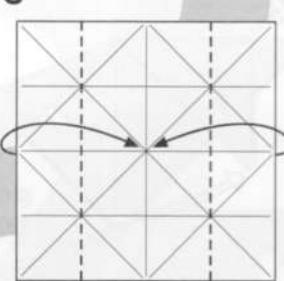
반으로 접습니다

6



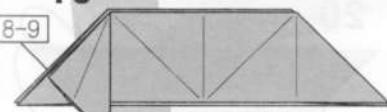
안쪽으로 넣어 접습니다

5



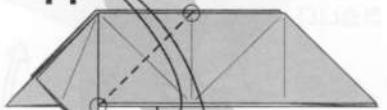
중심에 맞춰 접습니다

10



반대쪽도 8-9를 반복합니다

8-9



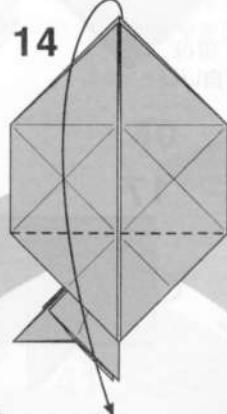
O부분에 맞춰 접었다 편 선을 납니다

12



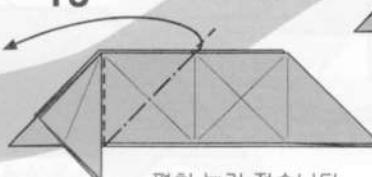
O부분에 맞춰 접었다 편 선을 납니다

14



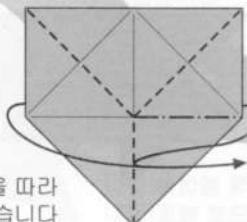
아래로 내려 접습니다

13

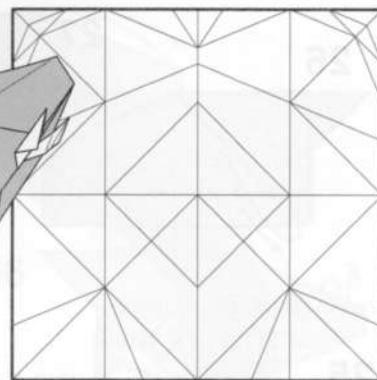


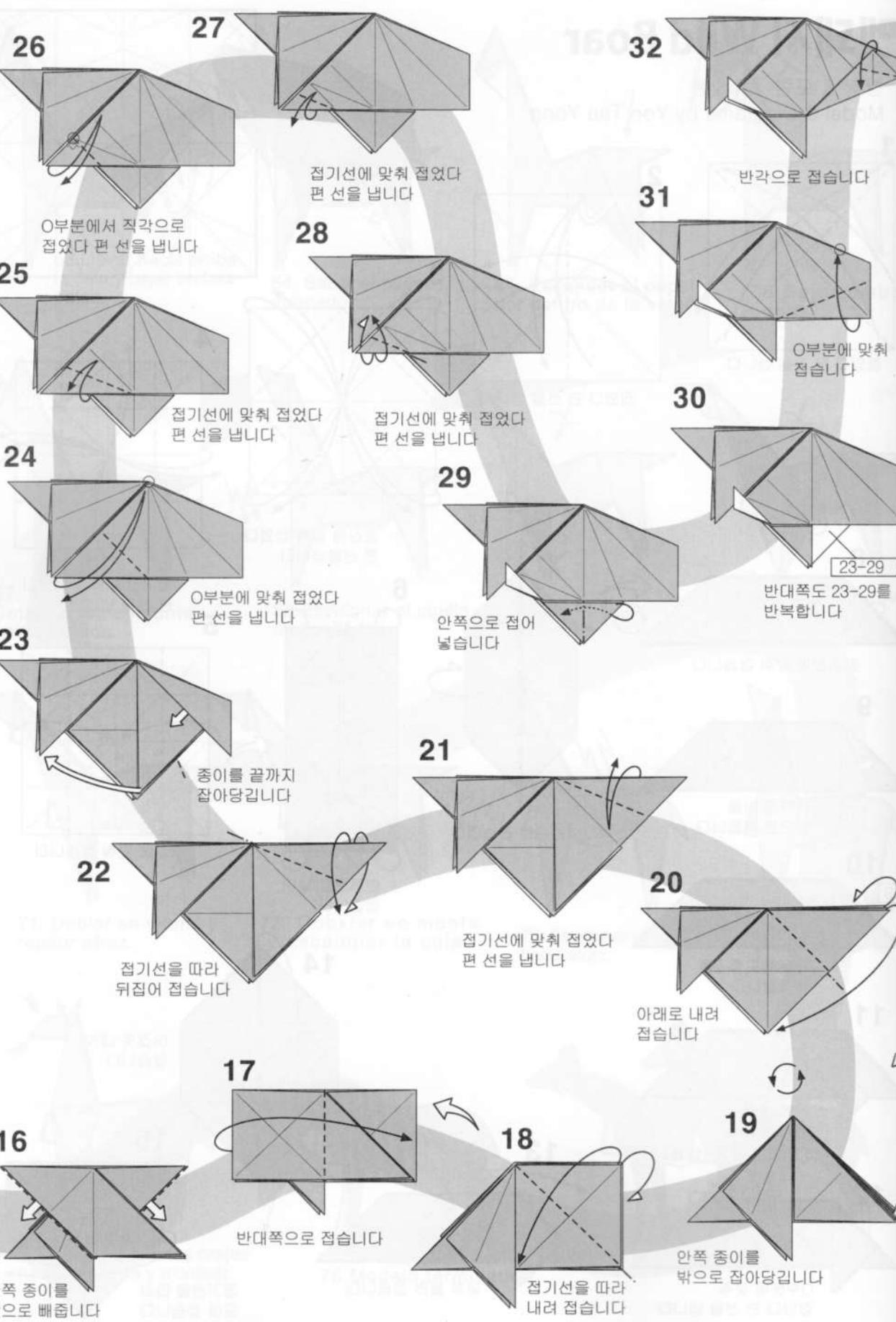
펼쳐 놀려 접습니다

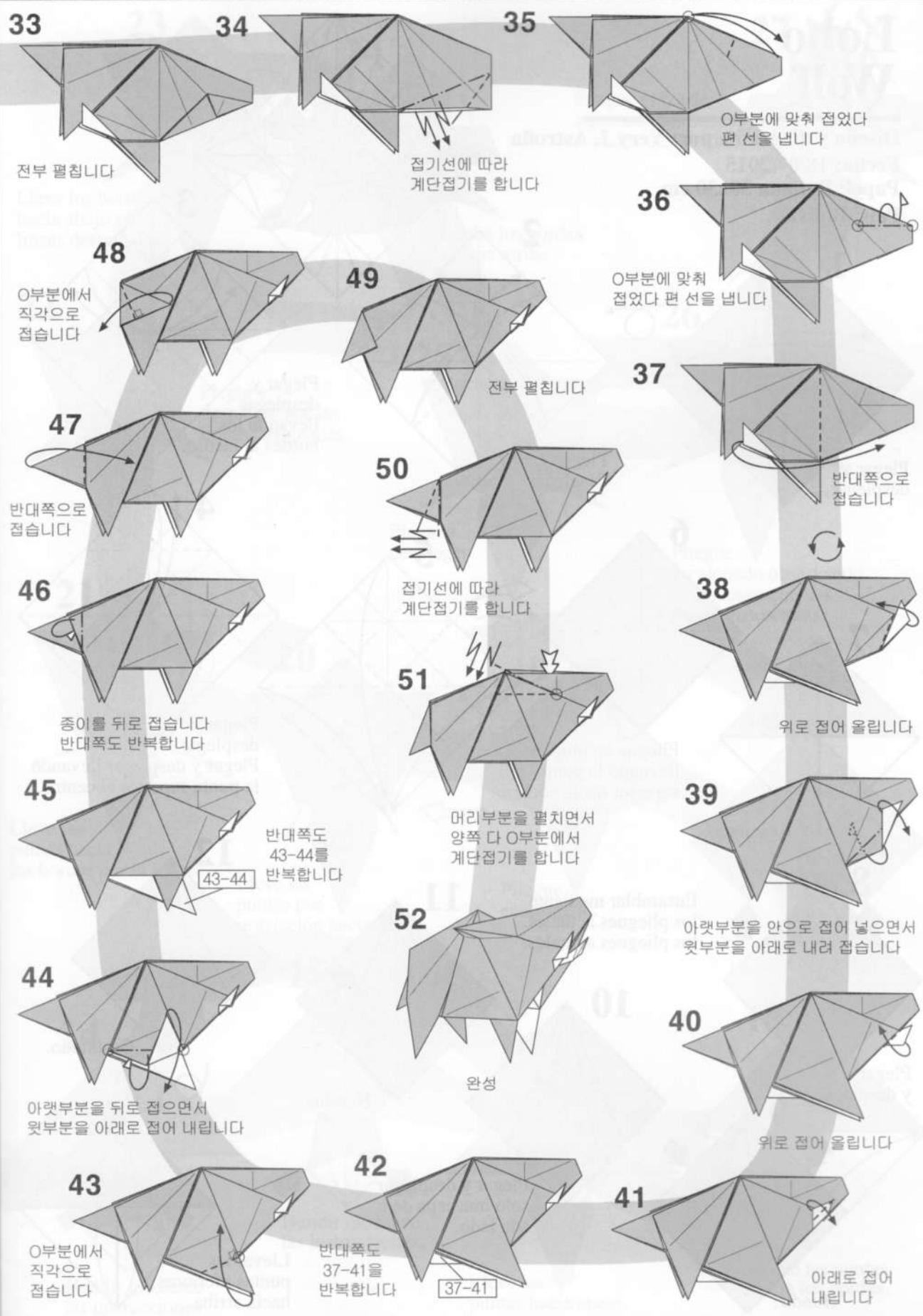
15



접기선을 따라 모아 접습니다







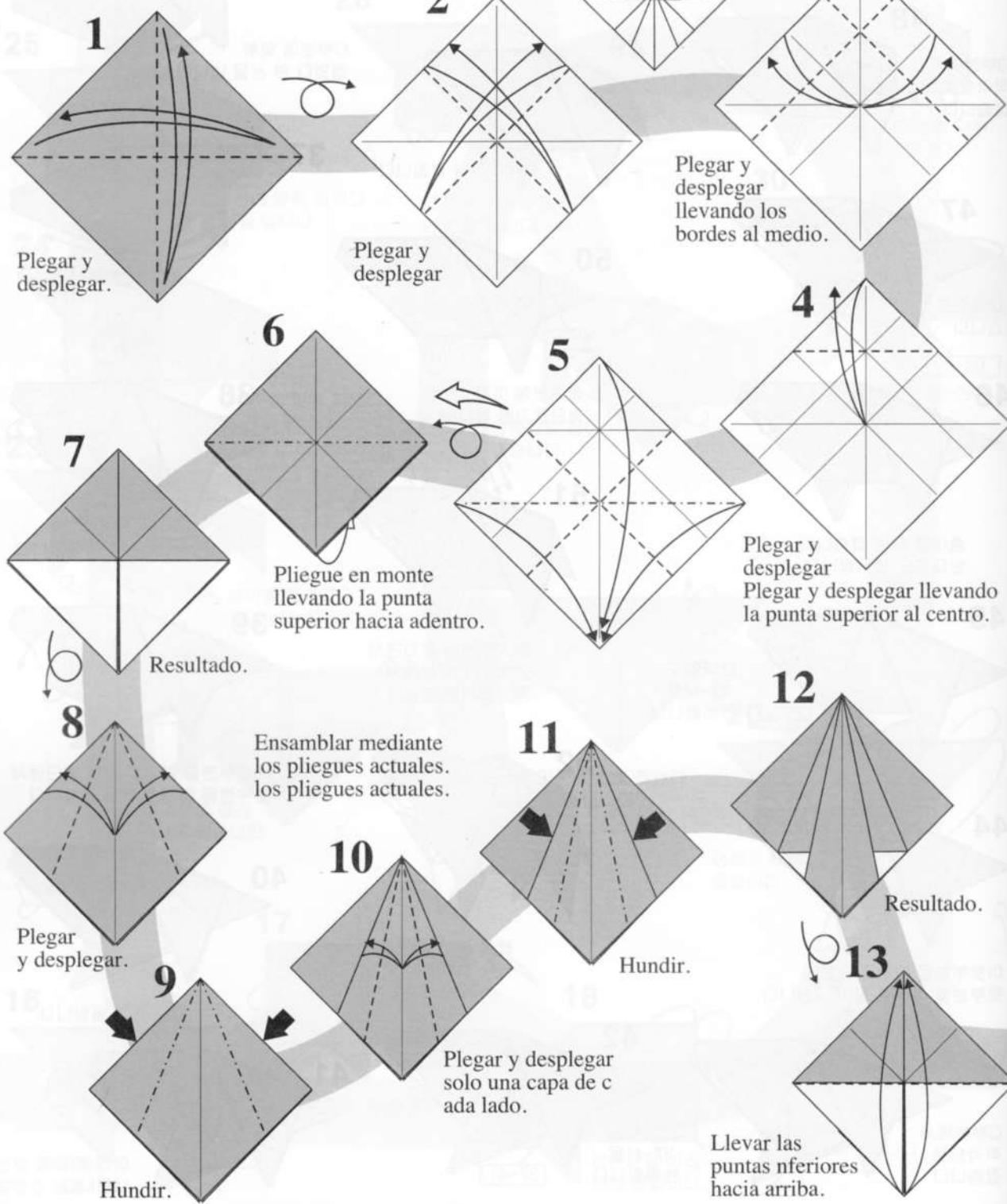
Lobo Wolf

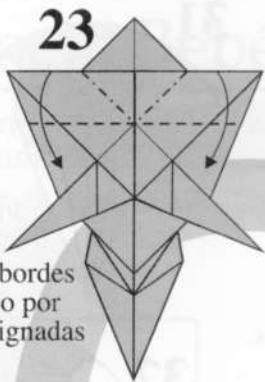
Diseño y diagrama por: Yery J. Astroña

Fecha: 18/07/2015

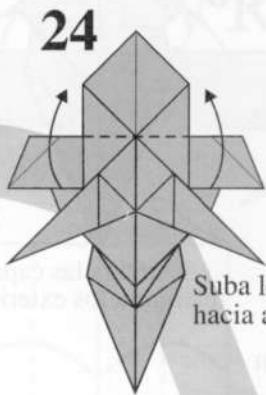
Papel: Banana 30x30 cm.

País: Bolivia

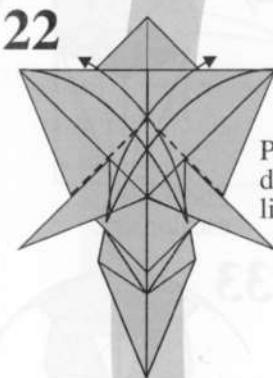




Lleve los bordes hacia abajo por lineas designadas



Suba los bordes hacia arriba.



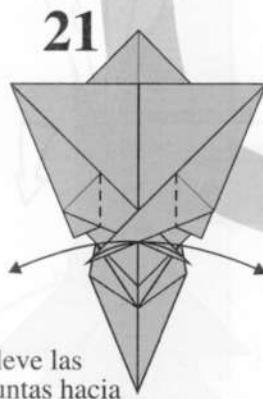
Plegar y desplegar por las lineas designadas.



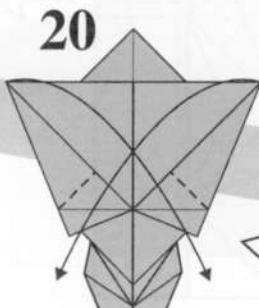
Plegar y desplegar.



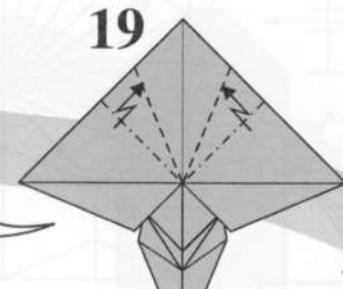
Pliegue el borde siguiendo las lineas actuales designadas.



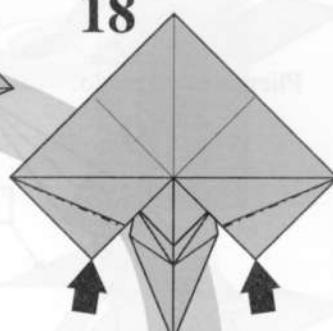
Lleve las puntas hacia los bordes por la lineas.



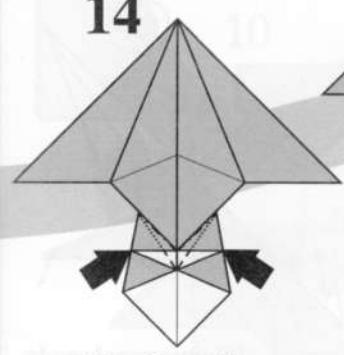
Lleve las puntas por restriccion hacia abajo.



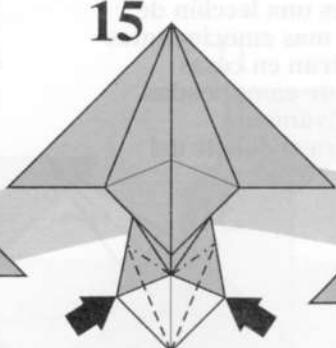
Pliegue escalonado.



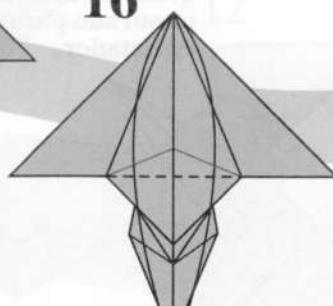
Hundir por referencia.



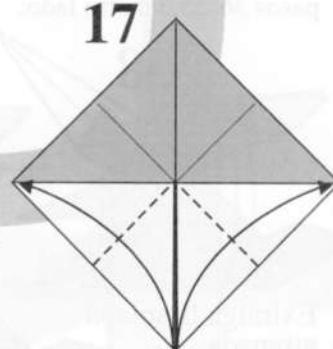
Hundir mediante las instrucciones.



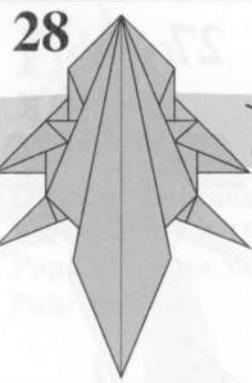
Hundir mediante las instrucciones.



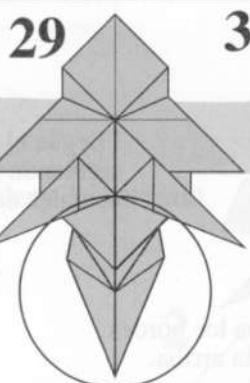
Lleve las puntas hacia abajo.



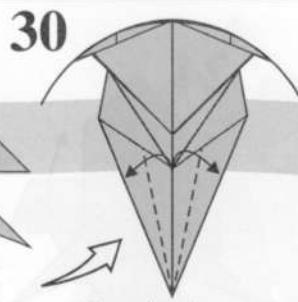
Lleve las puntas hacia los bordes.



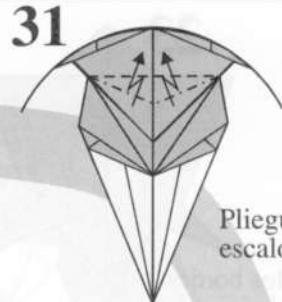
Resultado.



Amplié la zona con mas atención.



Extraiga las capas internas a los exteriores.



Pliegue escalonado.



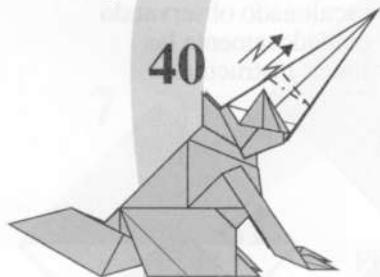
Pliegue escalonado.



Modelado final a gusto.



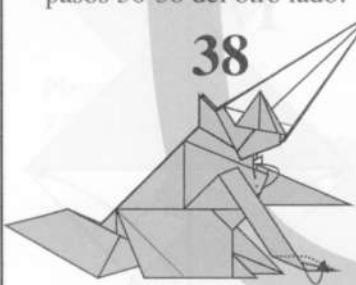
Figura terminada



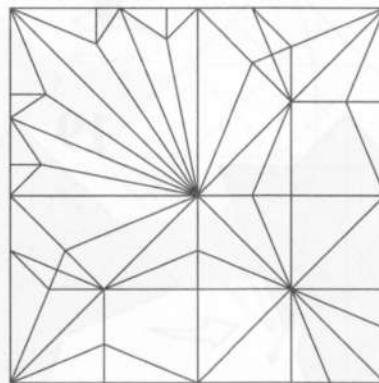
Pliegue escalonado.



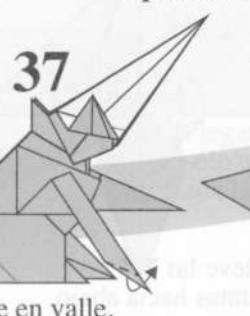
Repite el proceso de los pasos 36-38 del otro lado.



Extraiga la solapa atrapada.



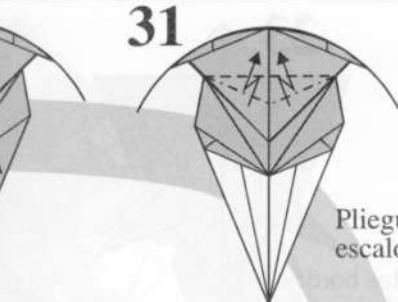
El trabajo presentado es una muestra del entusiasmo y cariño a mi gente, ya que casi siempre me prolongo excesivamente a diseñar cosas complejas y es una lección de que las cosas más emocionantes no se encuentran en cosas necesariamente complicadas. Todo es relativamente mesurado para el deleite del espectador.



Pliegue en valle.



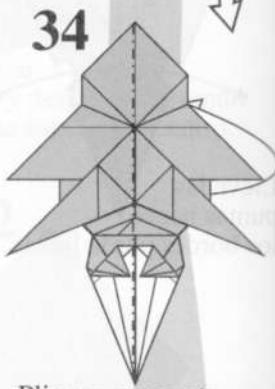
Pliegue escalonado en ambas secciones.



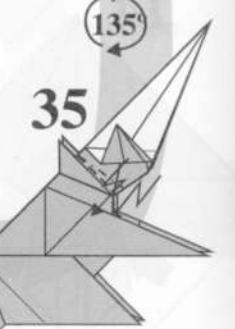
Pliegue escalonado.



Resultado.



Pliegue en monte des la mitad del modelo.



Pliegue escalonado en ambas secciones.

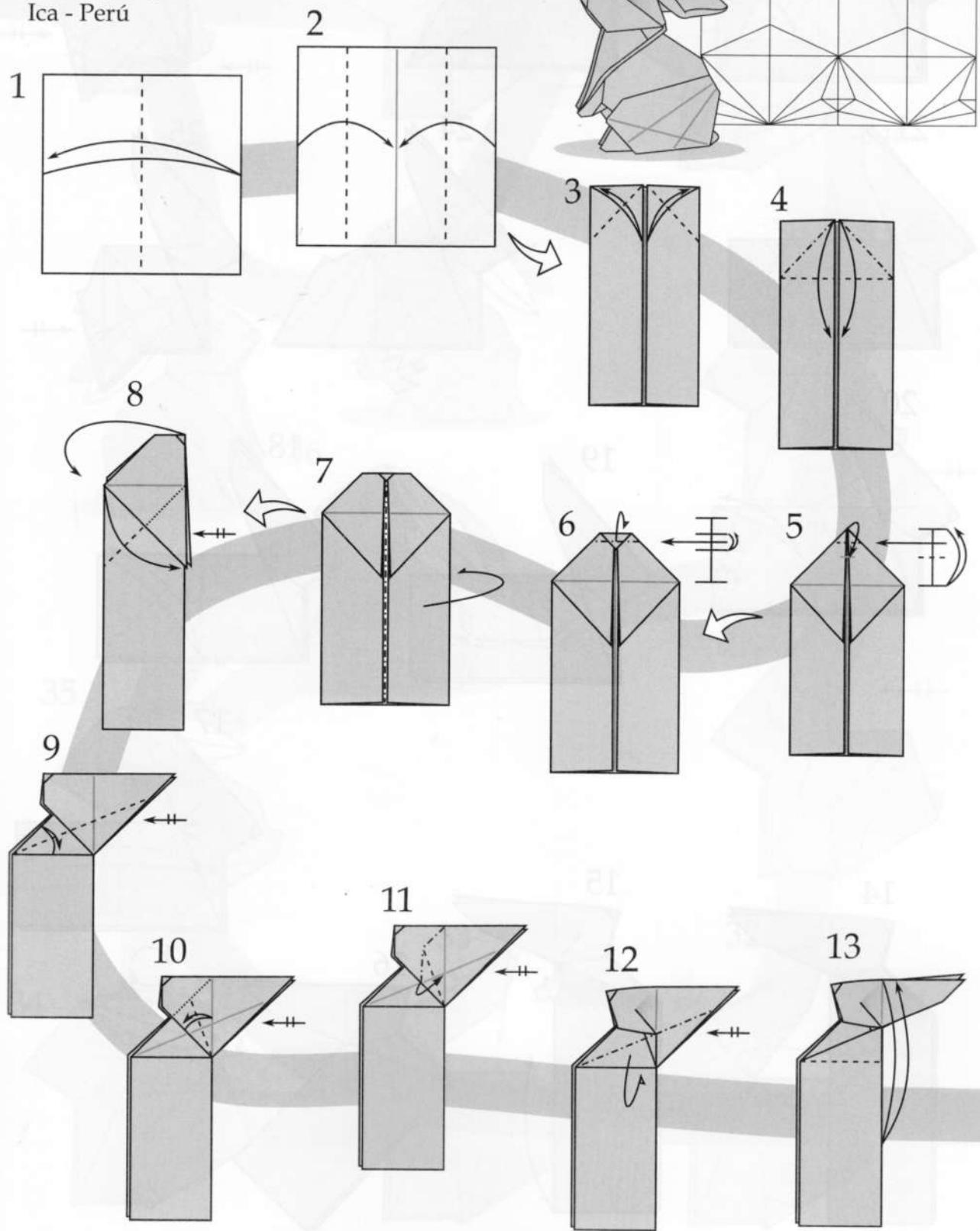
Conejo Bebé / Baby Rabbit

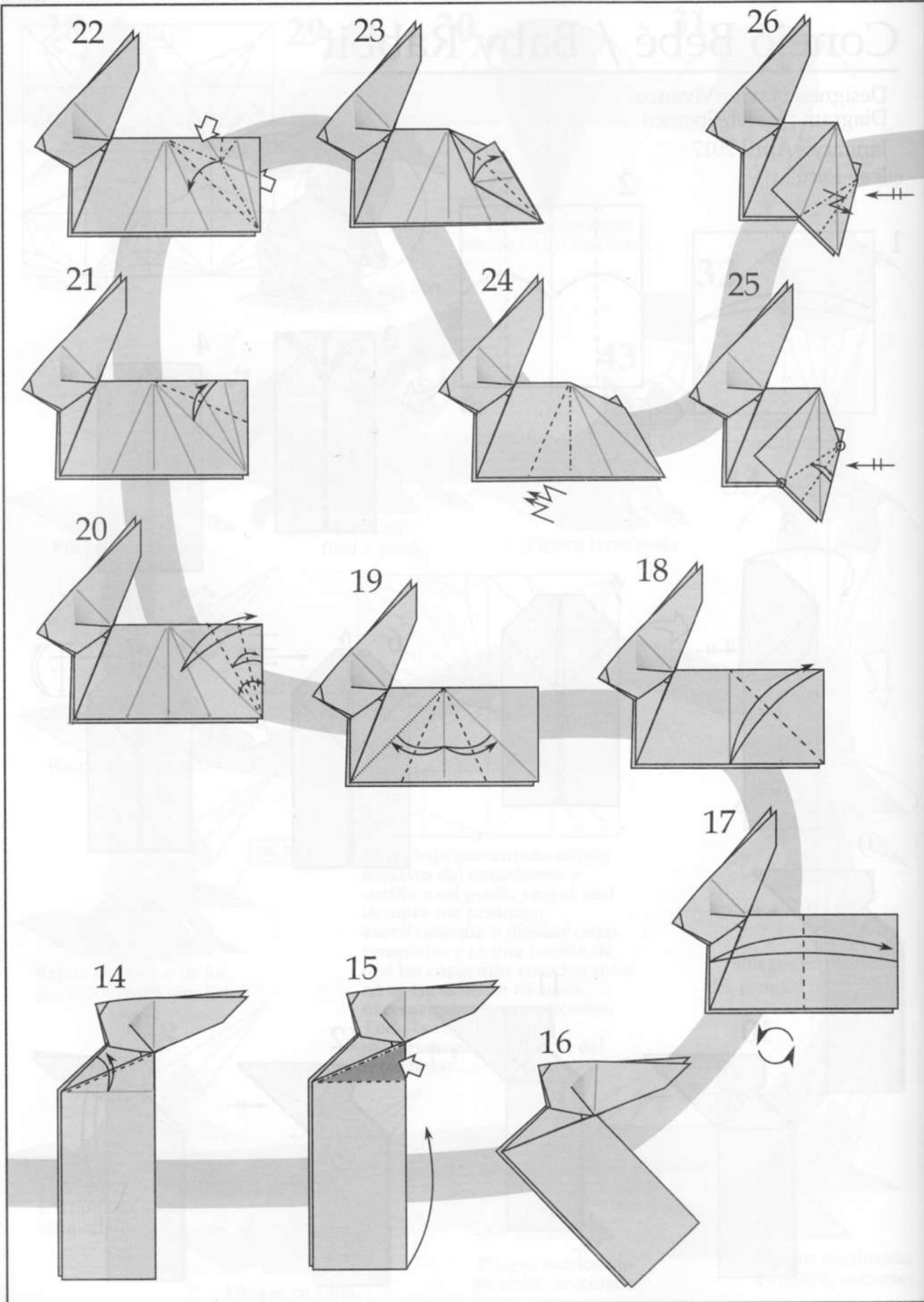
Designed : Javier Vivanco

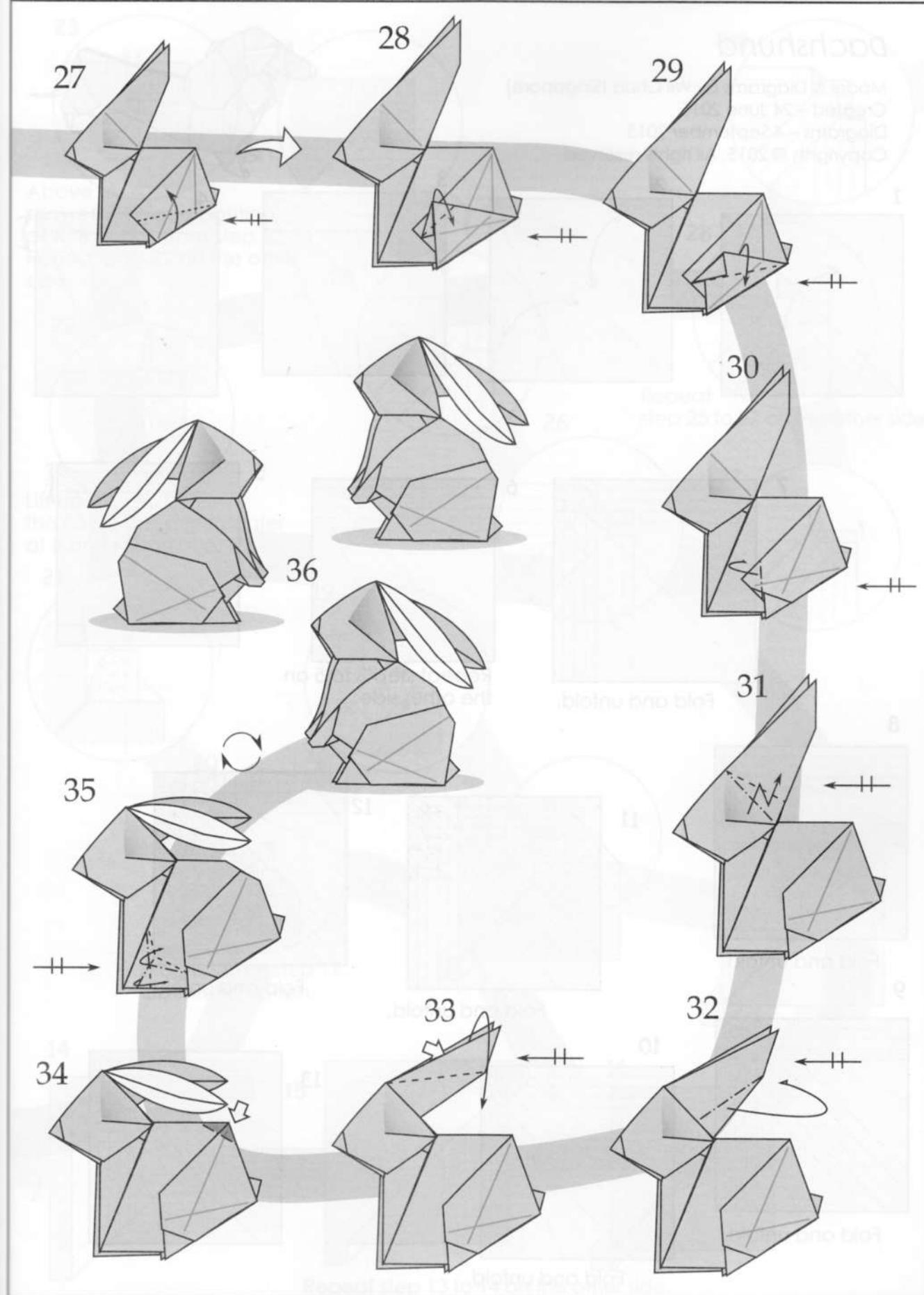
Diagram : Javier Vivanco

January - April 2017

Ica - Perú







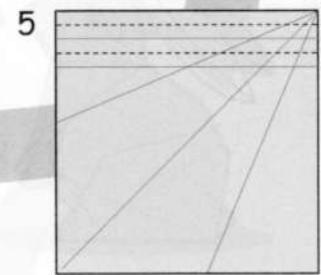
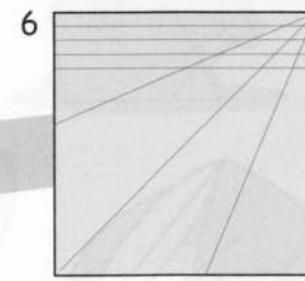
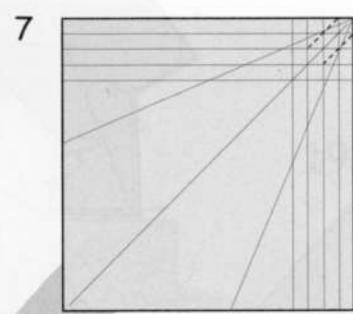
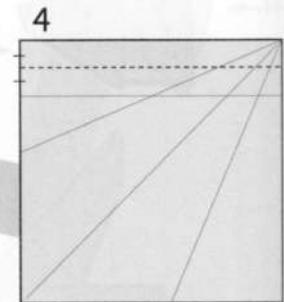
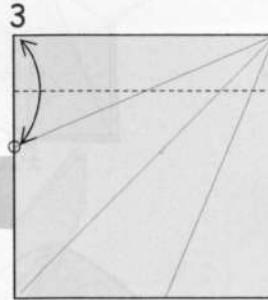
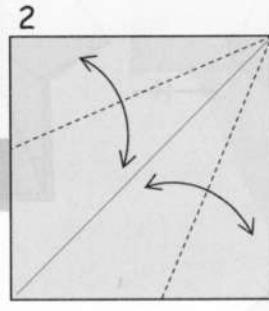
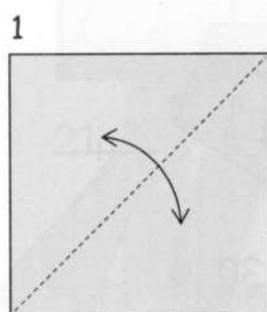
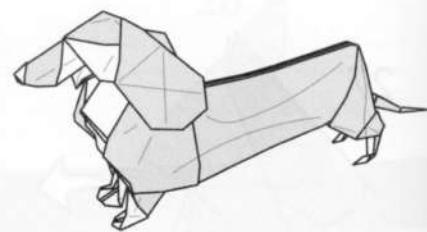
Dachshund

Model & Diagrams by Wil Chua (Singapore)

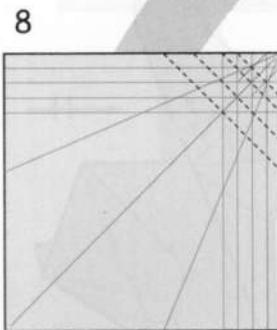
Created – 24 June 2015

Diagrams – 4 September 2015

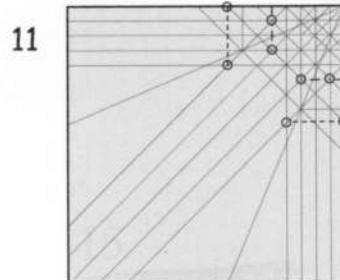
Copyrights © 2015. All rights reserved



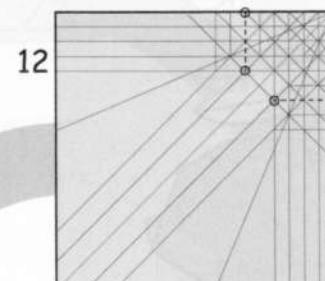
Repeat step 3 to 5 on
the other side.



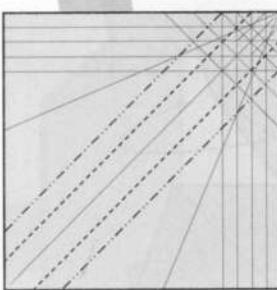
Fold and unfold.



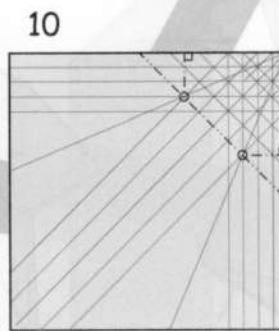
Fold and unfold.



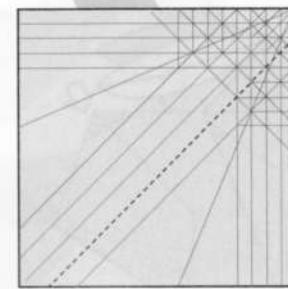
Fold and unfold.

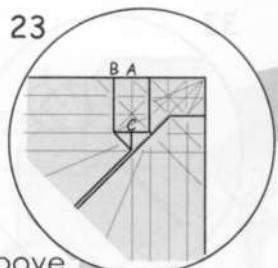


Fold and unfold.

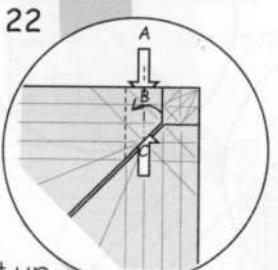
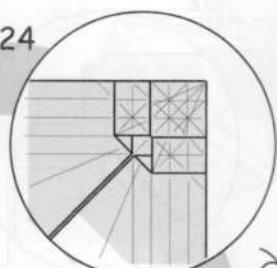


Fold and unfold.

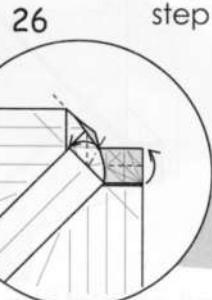
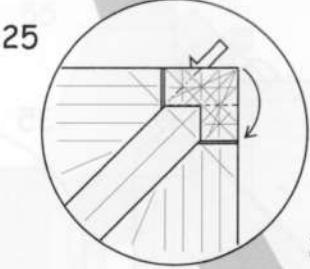




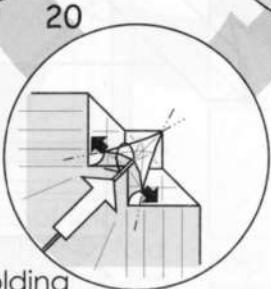
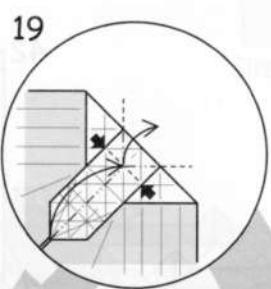
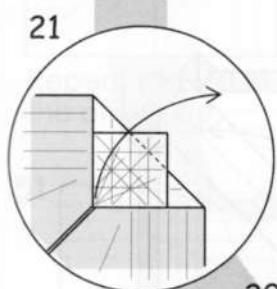
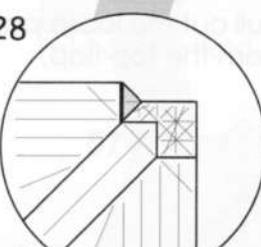
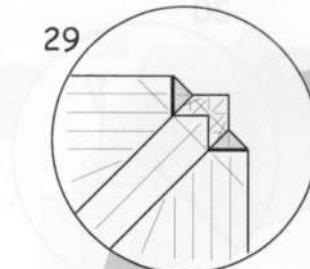
Above shows the folded position of A, B and C from step 22. Repeat step 22 on the other side.



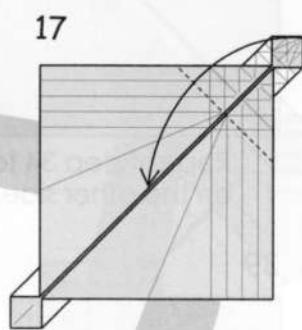
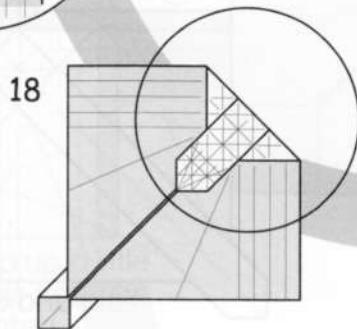
Lift up the flat A, open the center at B and squash it at C.



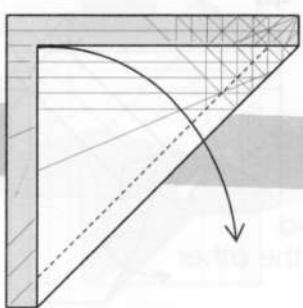
Repeat step 25 to 27 on the other side.



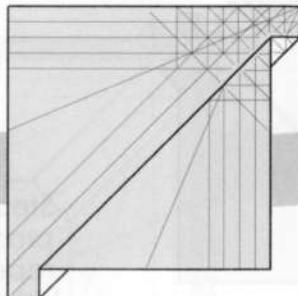
Folding progress from step 19. Open and flatten.



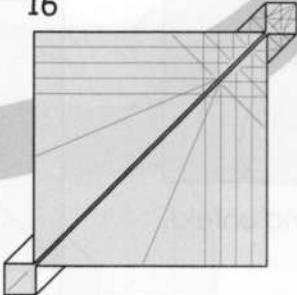
14



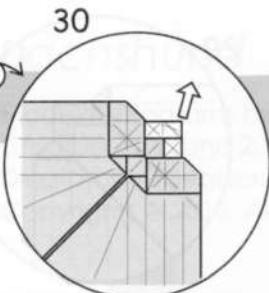
15



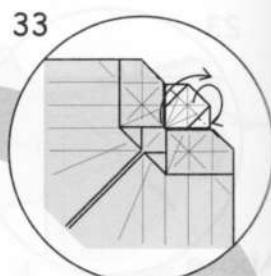
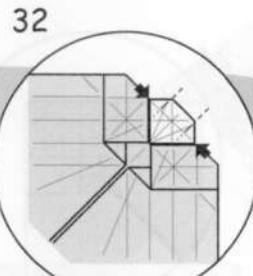
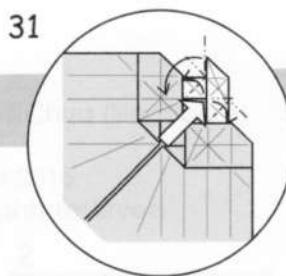
16



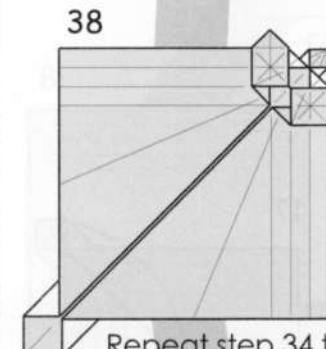
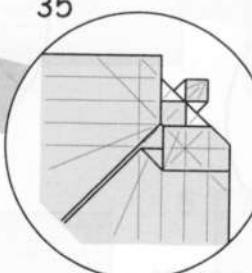
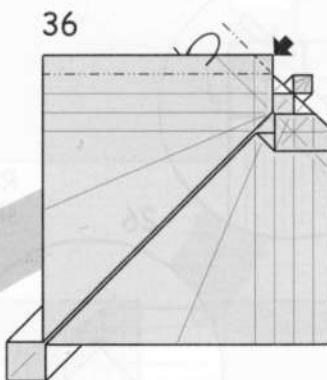
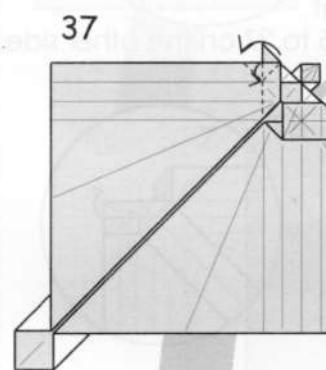
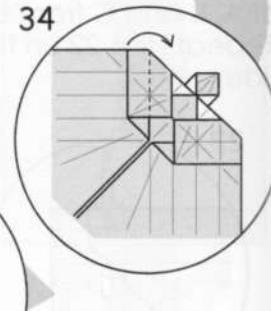
Repeat step 13 to 14 on the other side.



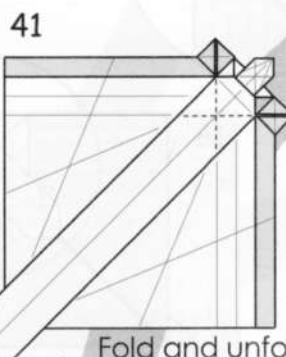
Pull out the loose paper from the top flap.



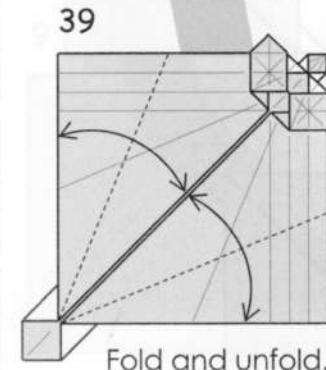
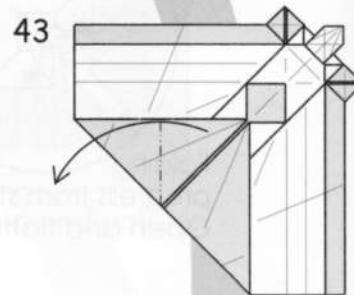
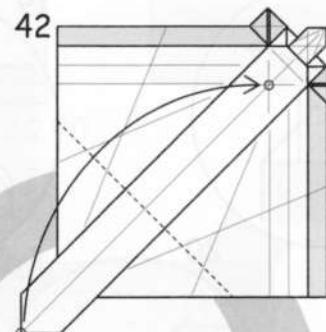
Reverse fold the 2 flaps. 34



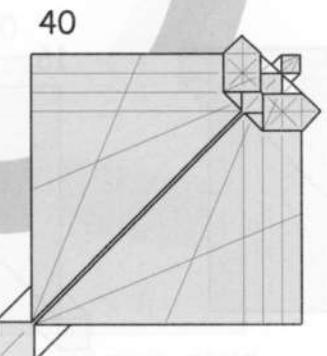
Repeat step 34 to 37 on the other side.



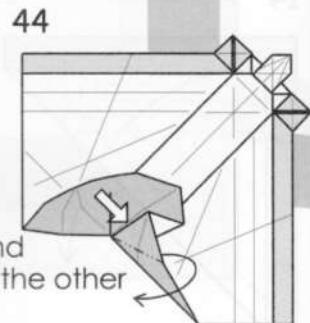
Fold and unfold.



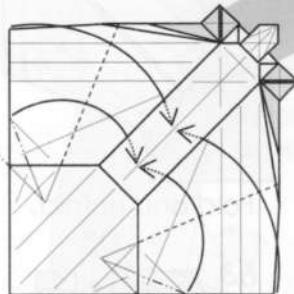
Fold and unfold.



Step 43 in process and repeat on the other side.

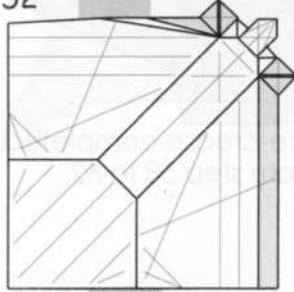


53



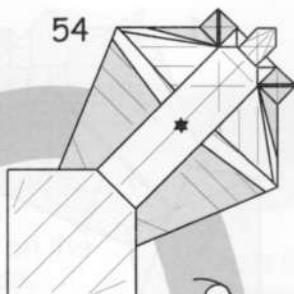
Fold the crease from step 47.

52



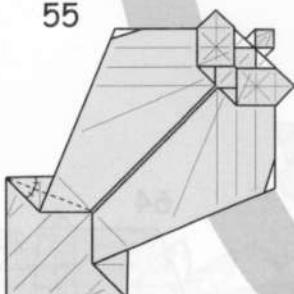
Repeat step 50 to 51 on the other side.

54



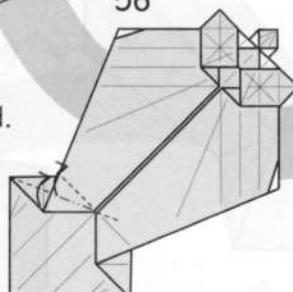
All flaps will be tucked under the indicated 'star' flap when folding to the center.

55



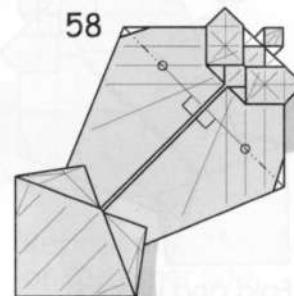
Fold and unfold.

56



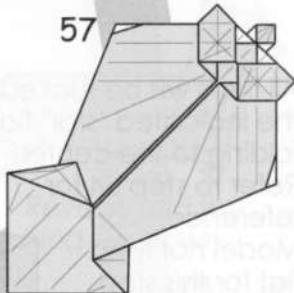
Stretch and fold the flap.

58



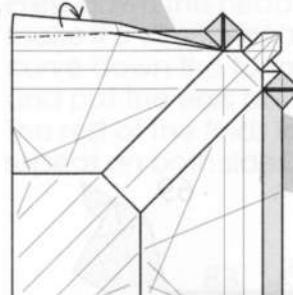
Fold and unfold.

57



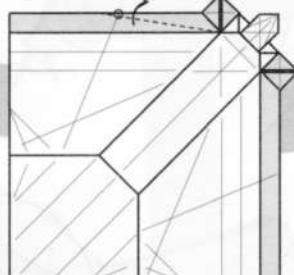
Repeat step 55 to 56 on the other side.

51



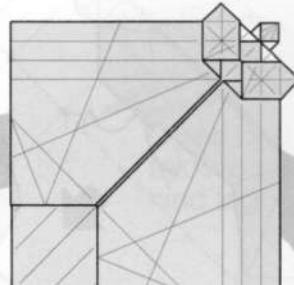
In the process of folding step 50, continue to fold the flap to the back. The model will lay flat after.

50

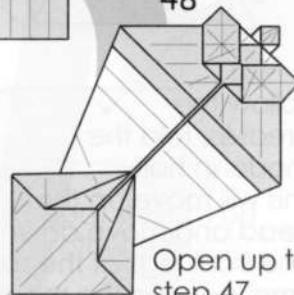


Fold the flap up a little further away from the point indicated.

49

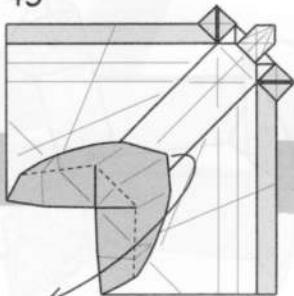


48

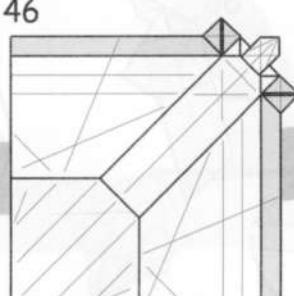


Open up to step 47.

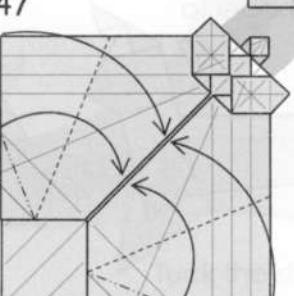
45

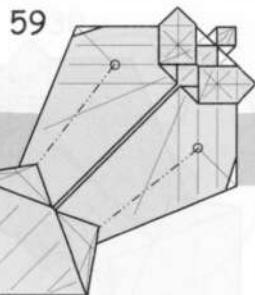


46

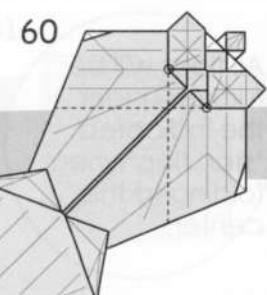


47

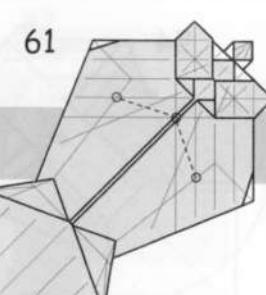




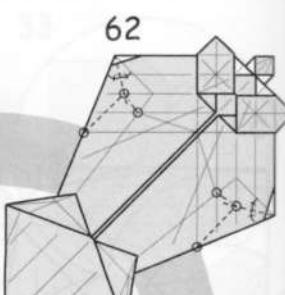
Fold and unfold.



Fold and unfold.



Fold and unfold.

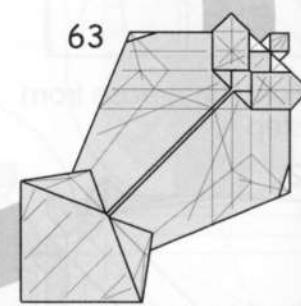
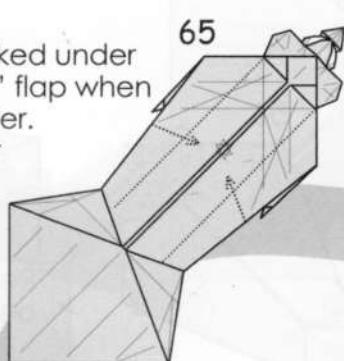


Fold and unfold.

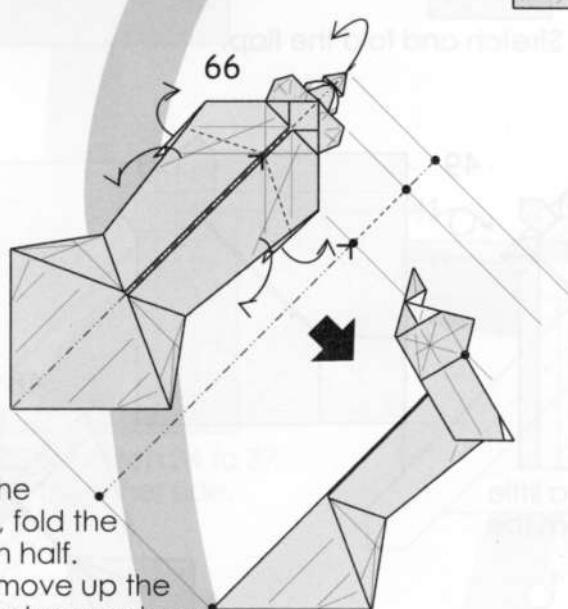
All flaps will be tucked under the indicated 'star' flap when folding to the center.

Refer to step 54 for reference.

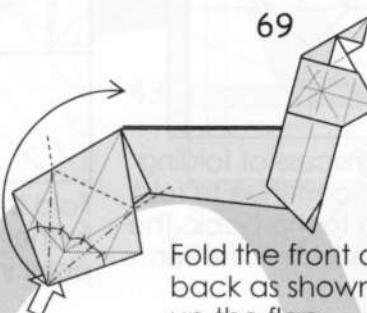
Model not lying flat for this step.



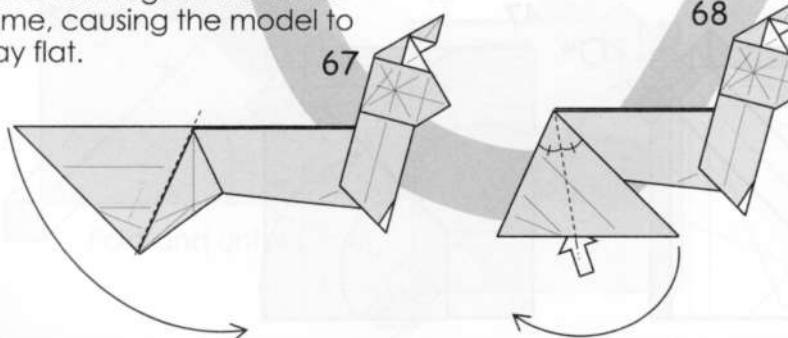
Pre-crease completed from step 58 to 62.



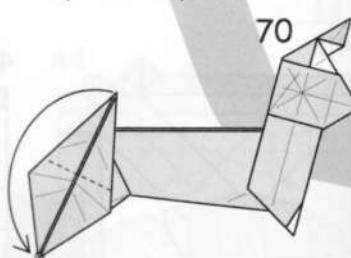
Follow the creases, fold the model in half. This will move up the head and move down the front legs at the same time, causing the model to lay flat.



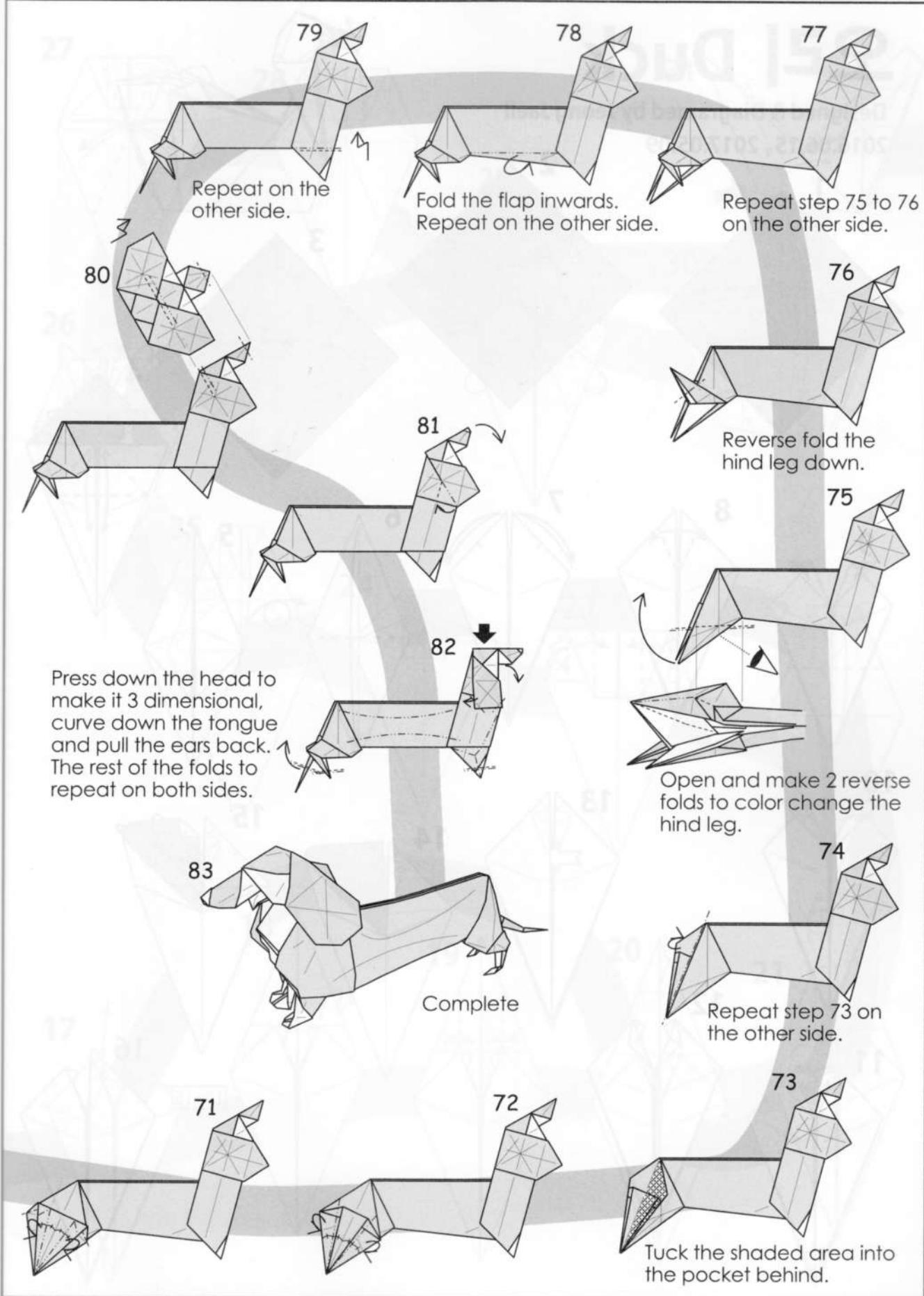
Fold the front and the back as shown to lift up the flap.



68



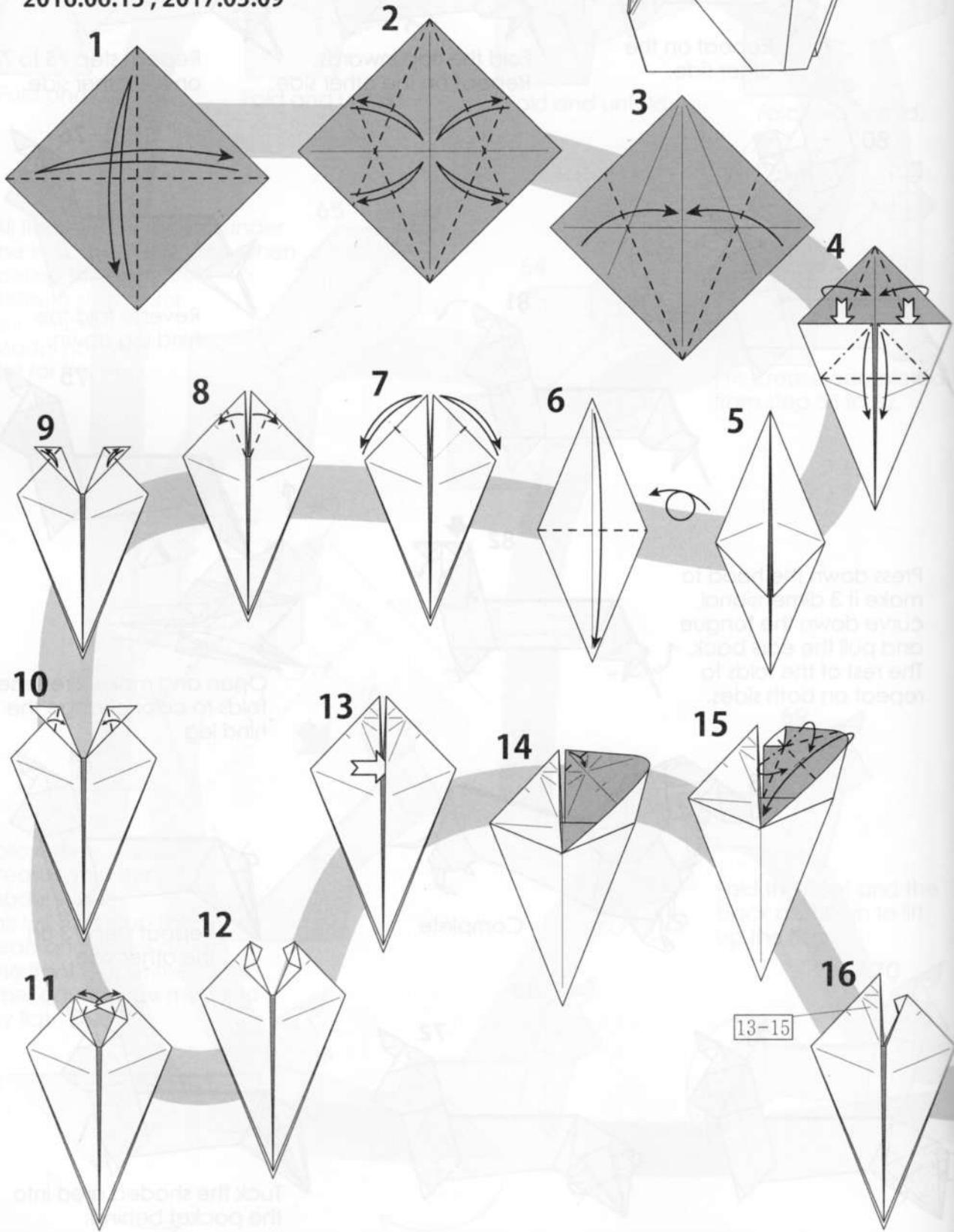
70

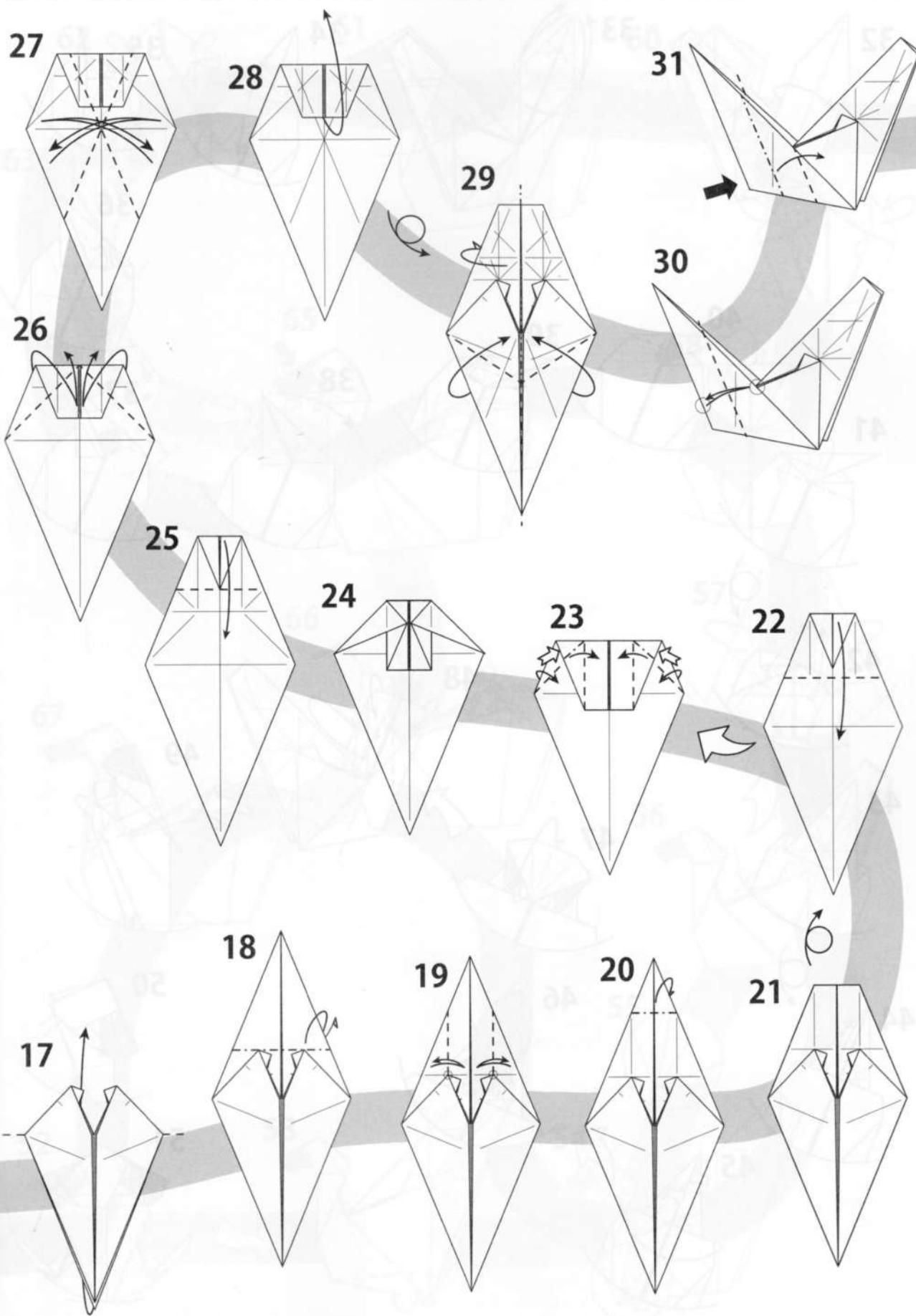


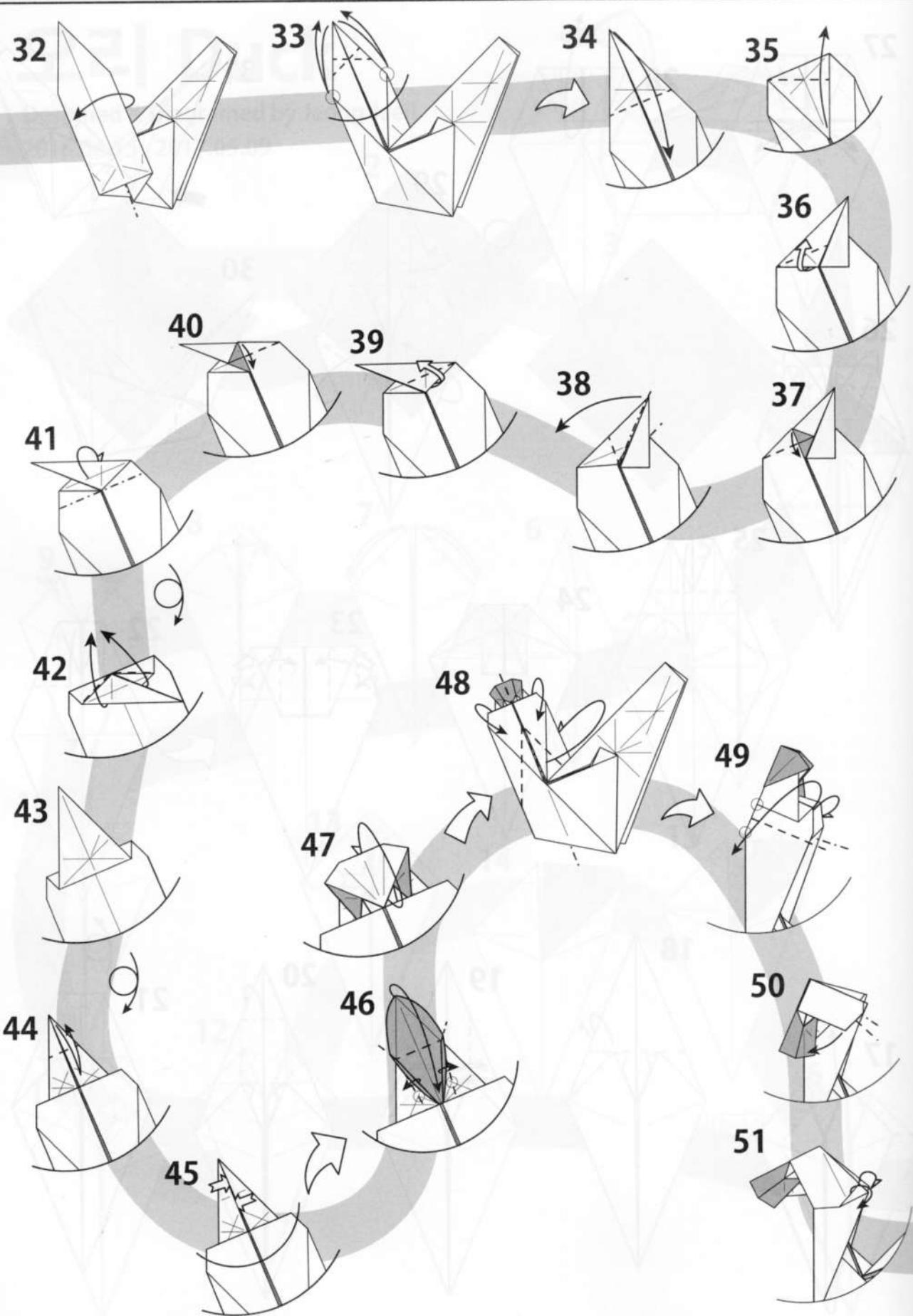
오리 Duck

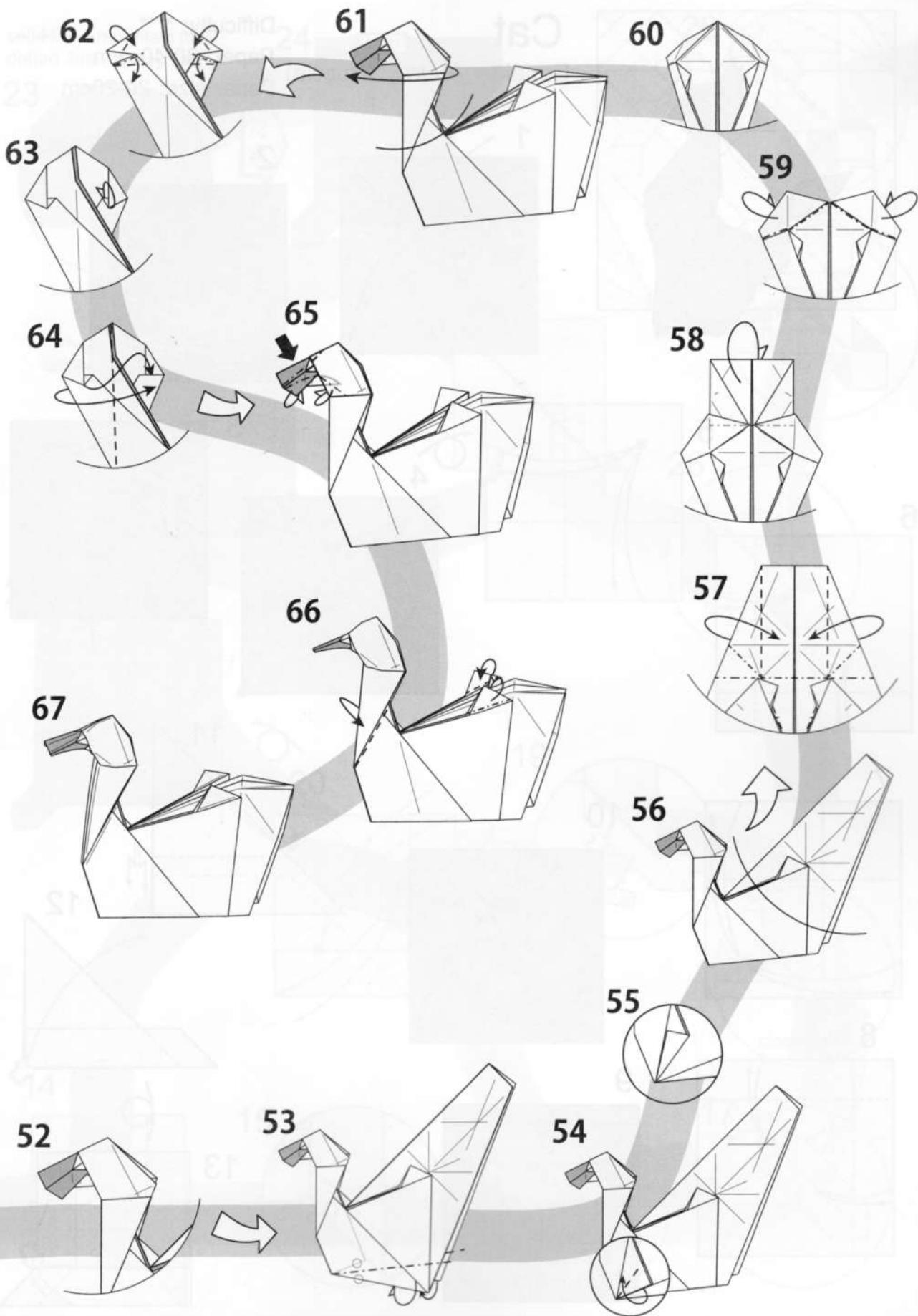
Designed & Diagrammed by Jeong Jaeil

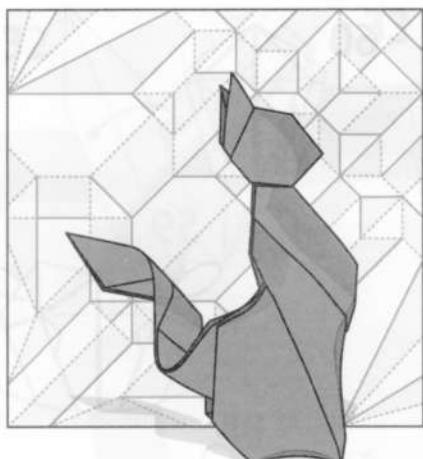
2016.06.15 , 2017.05.09







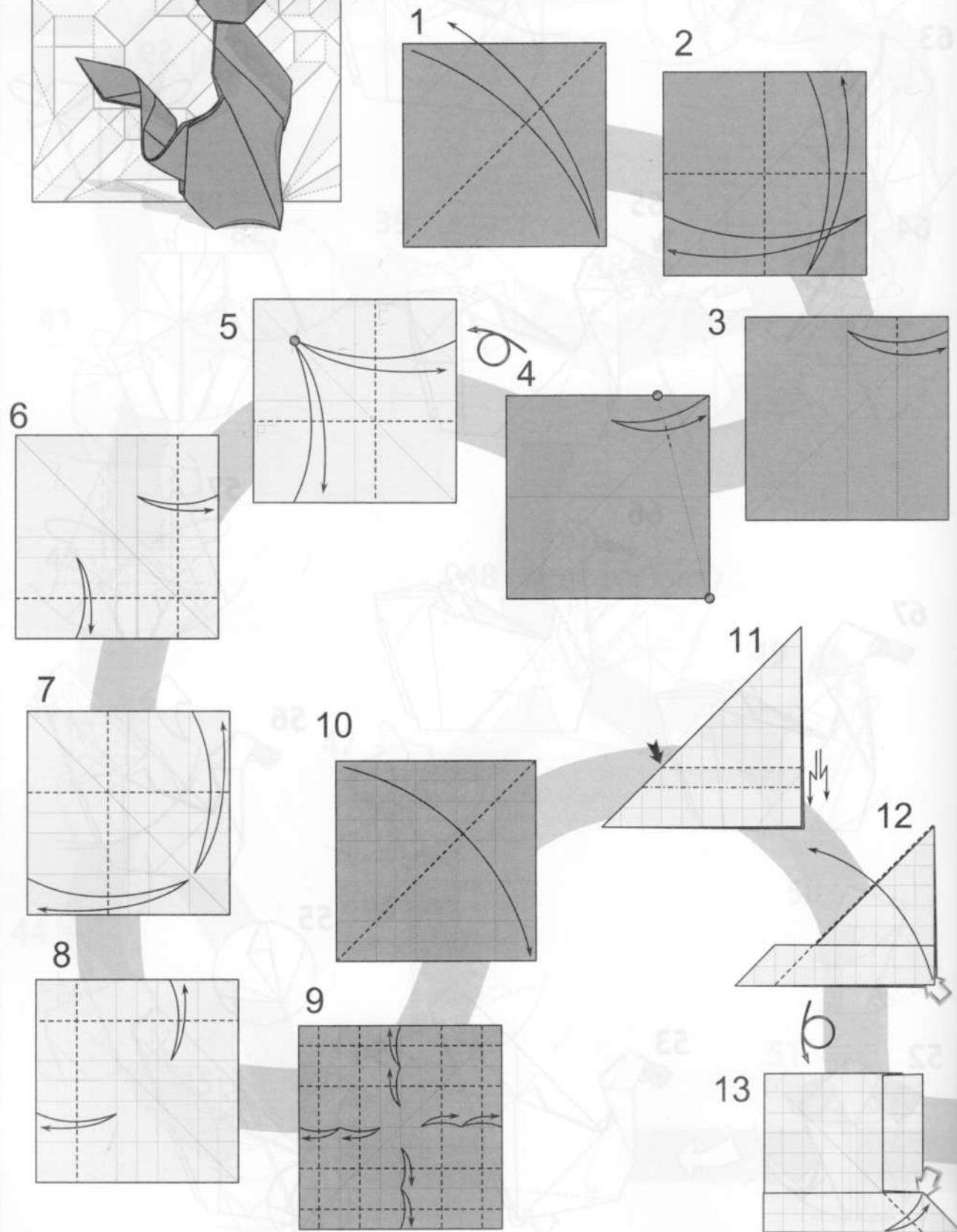




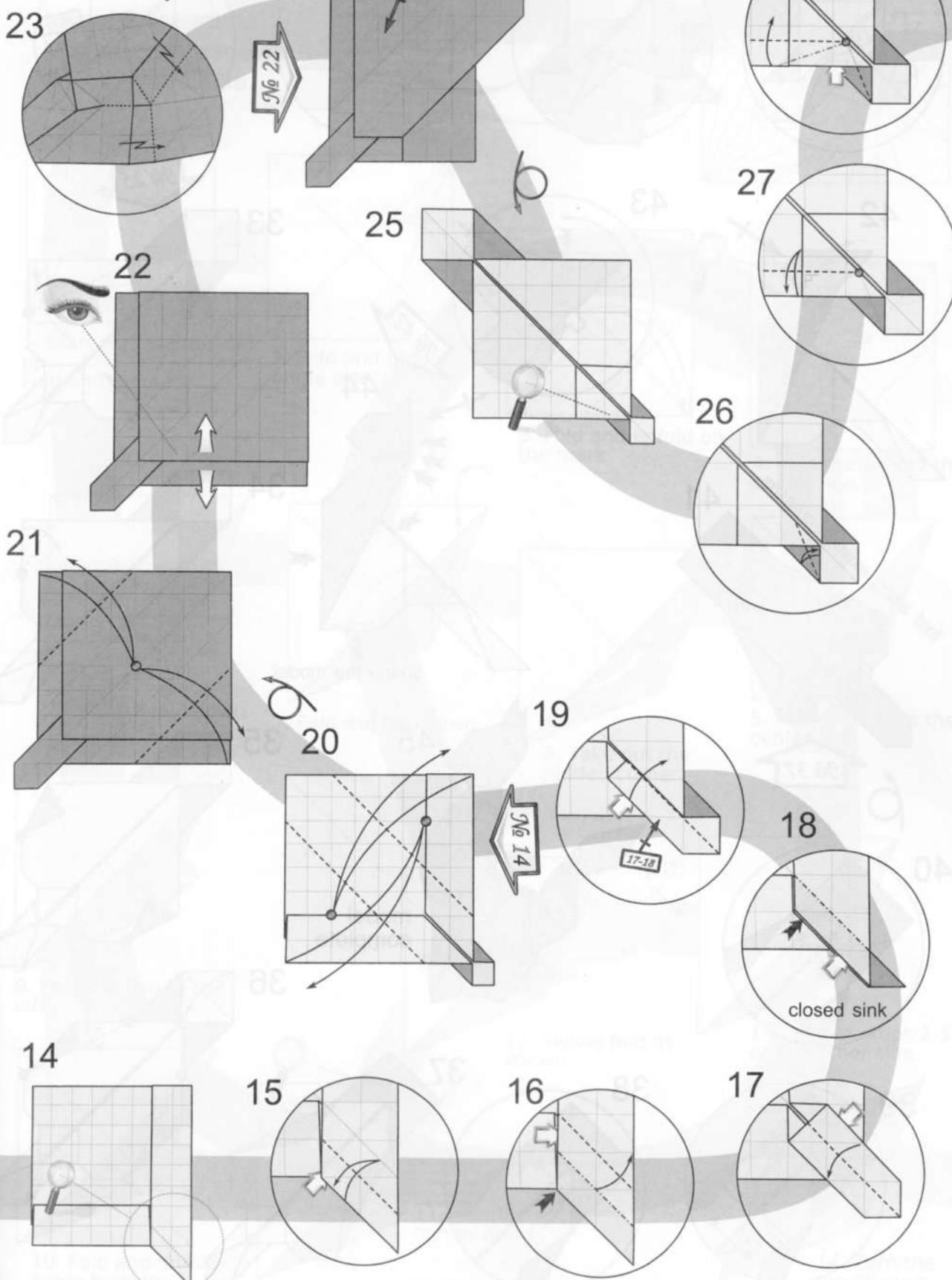
Cat

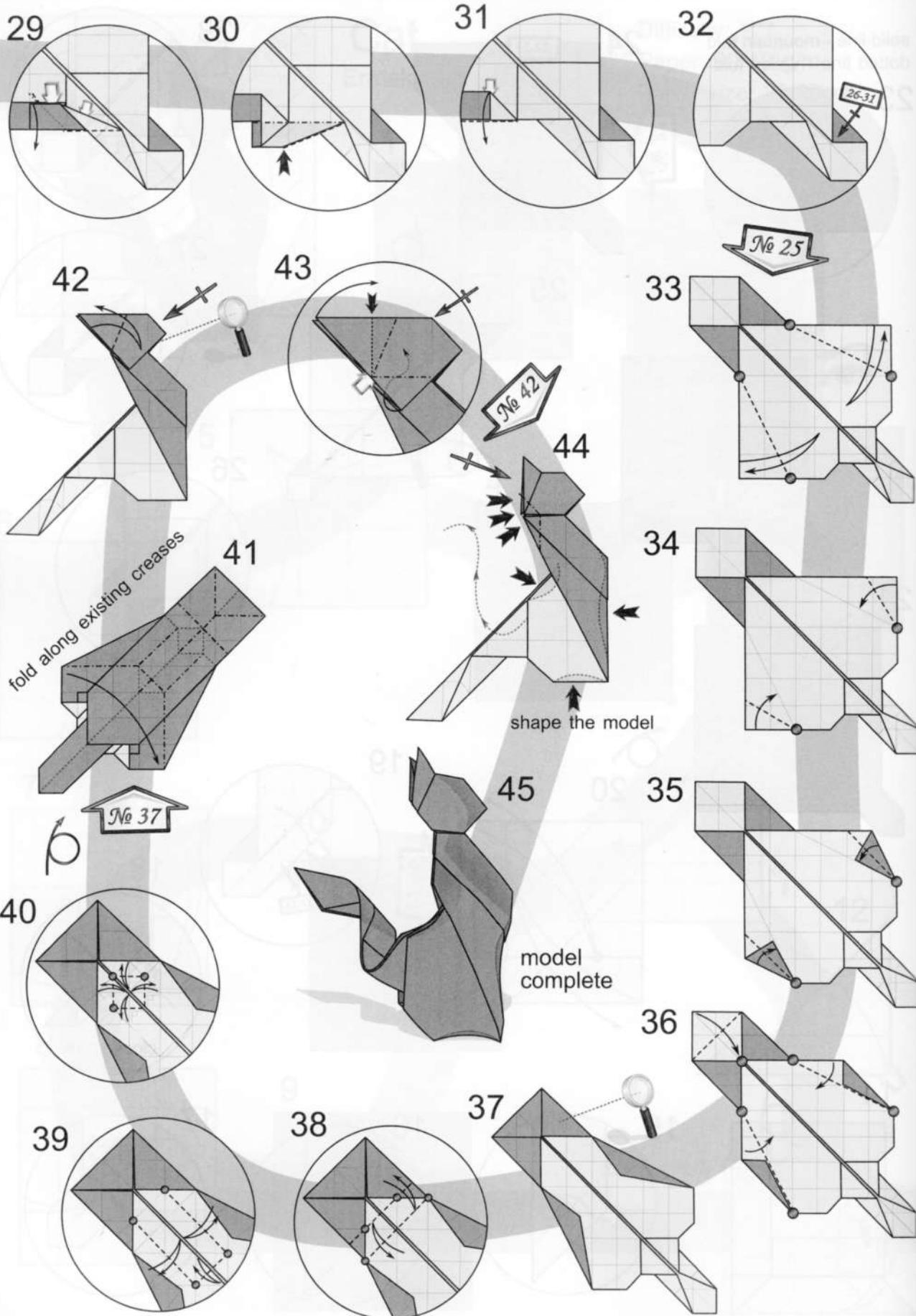
Ermakov Andrey (Russia)

Difficulty: ****
Paper: 30-40 g/m
Paper size: 20-20cm



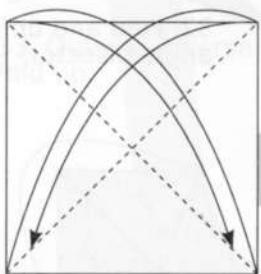
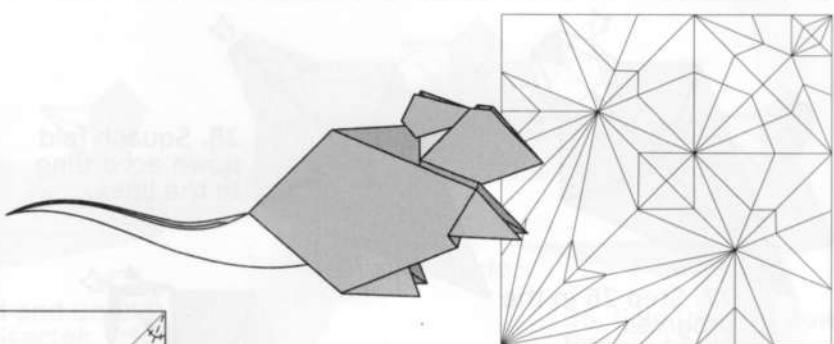
solid line - mountain fold
dotted line - valley fold



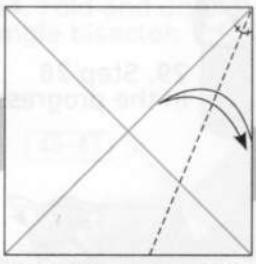


Rat

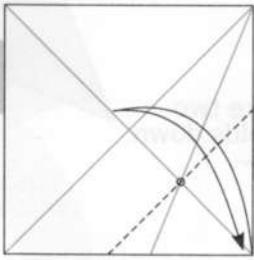
Model & Diagrams by
Mindaugas Cesnavicius
© 2017, Lithuania.



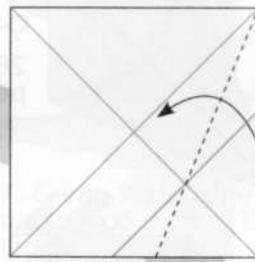
1. Start with white side up.
Fold and unfold



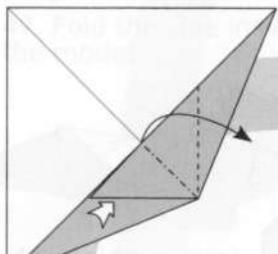
2. Fold and unfold angle bisector.



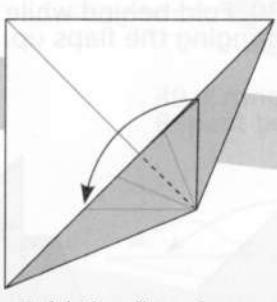
3. Fold and unfold on the mark.



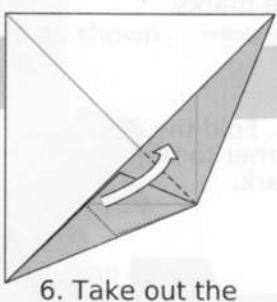
4. Fold the side to the center line.



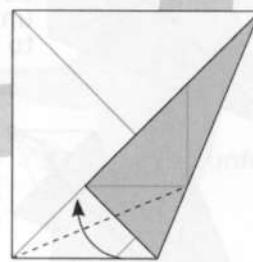
8. Squash fold down to the right.



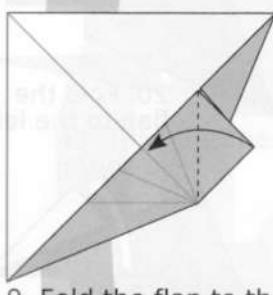
7. Fold the flap down.



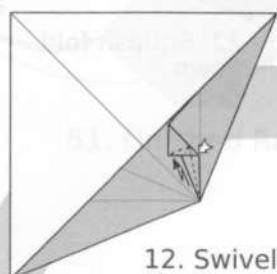
6. Take out the hidden corner.



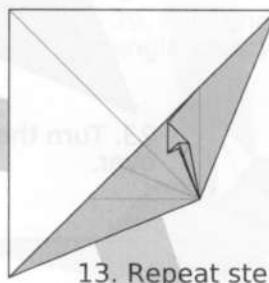
5. Fold the side to the center line.



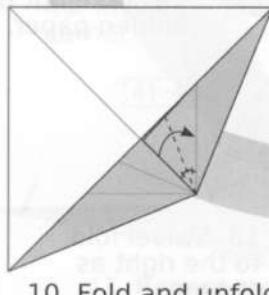
9. Fold the flap to the left.



12. Swivel fold as shown.

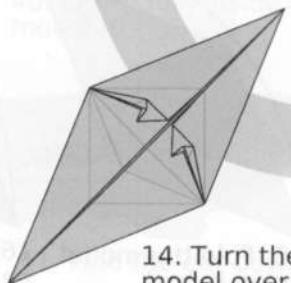


13. Repeat steps 2-12 on the other side.

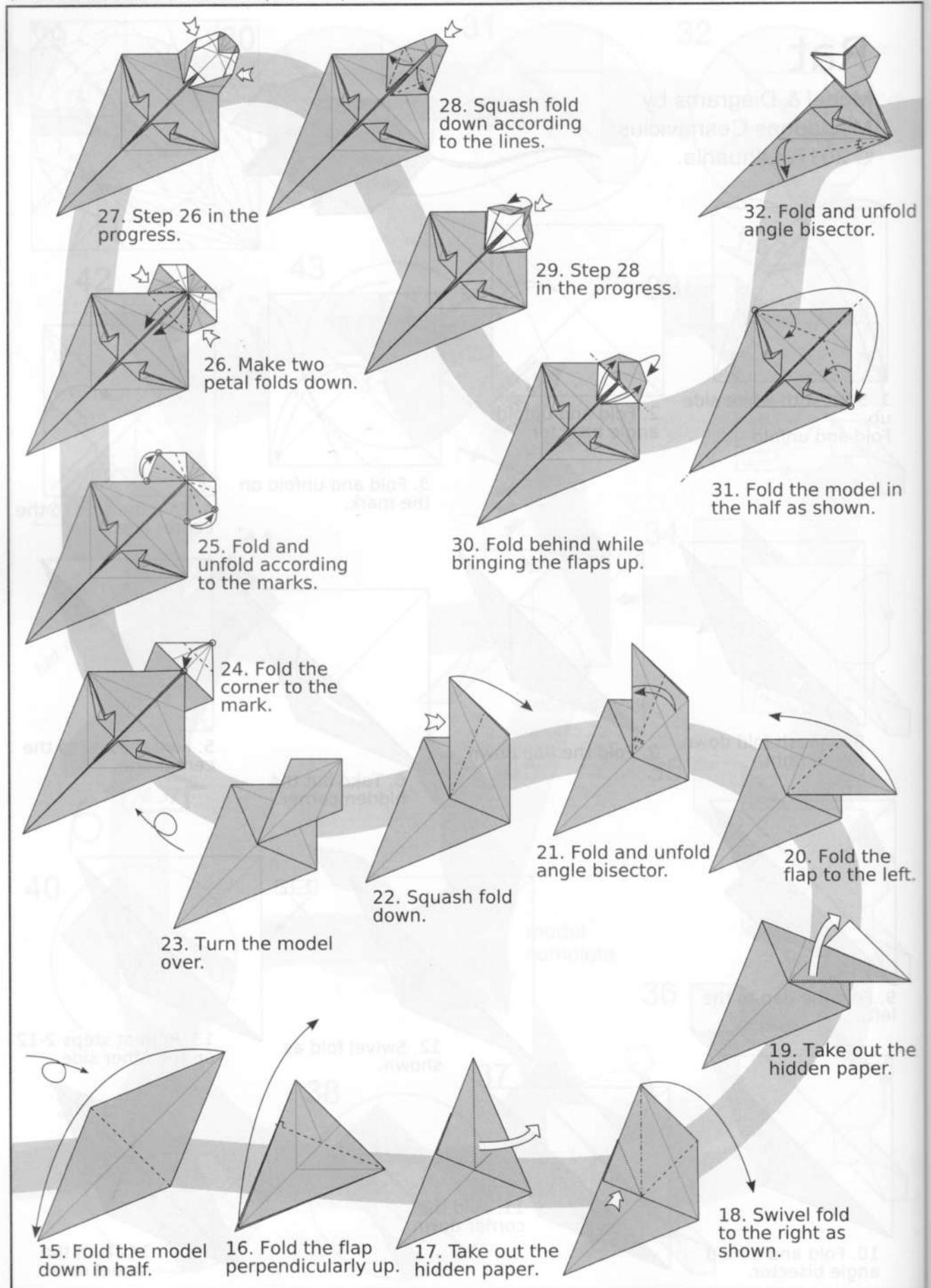


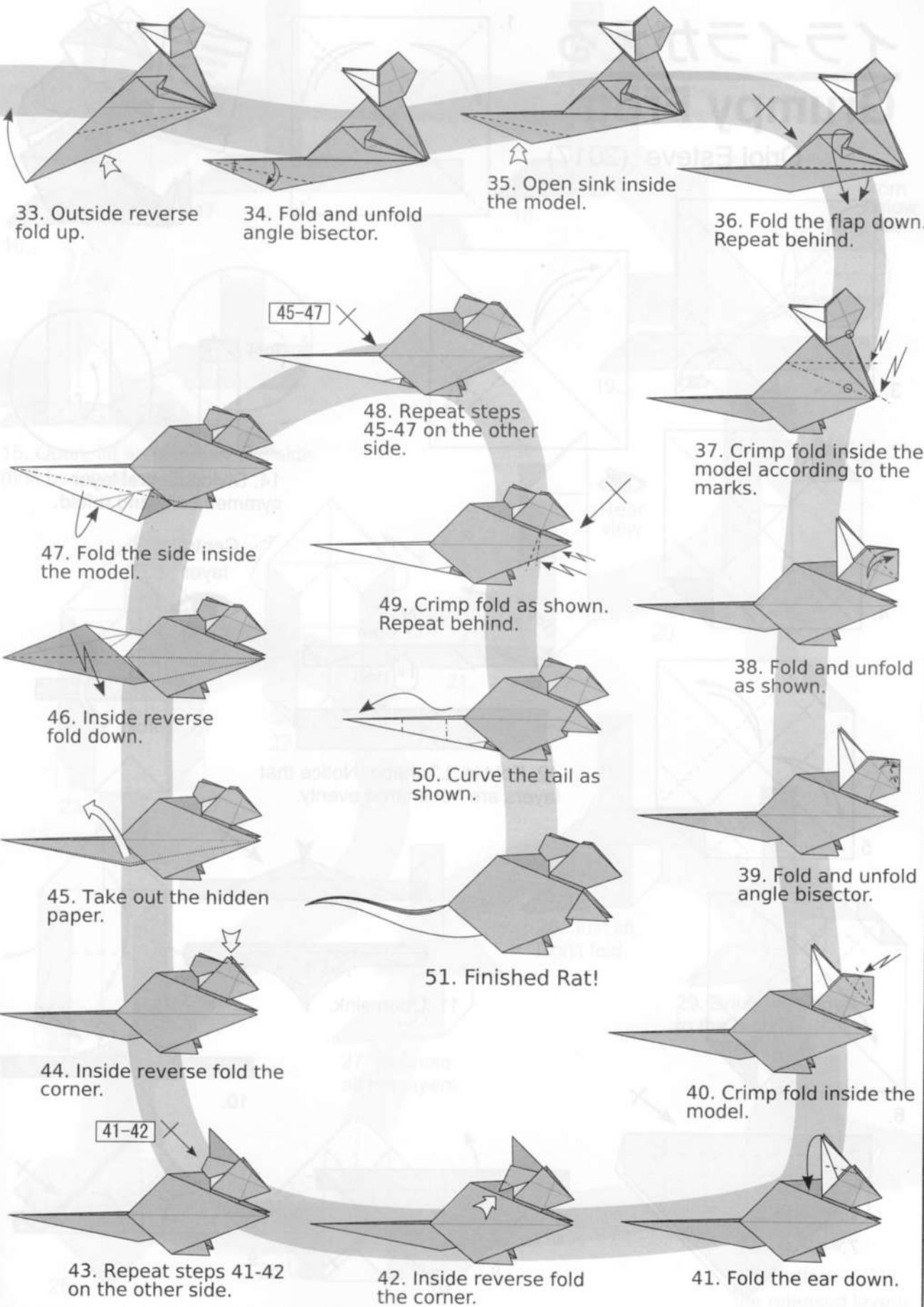
10. Fold and unfold angle bisector.

11. Fold the corner down.



14. Turn the model over.

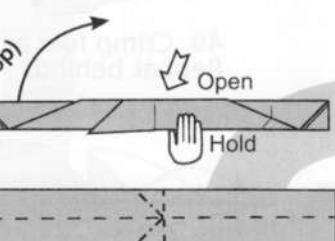
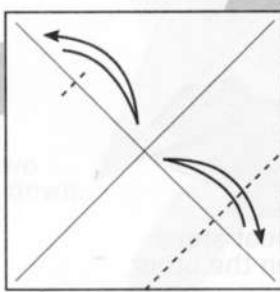
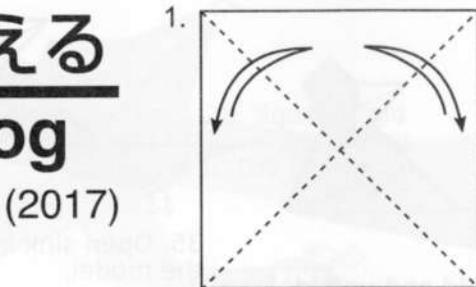
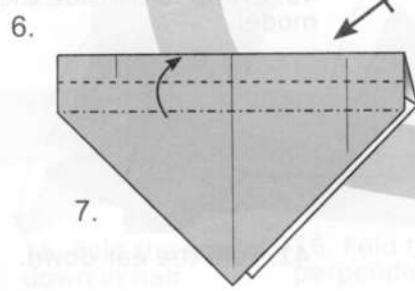
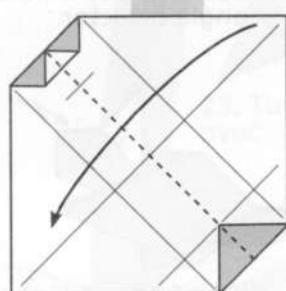
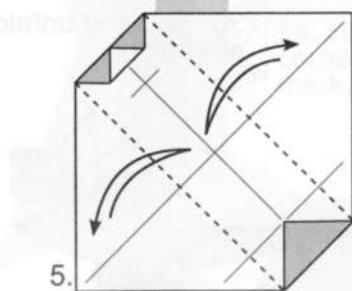
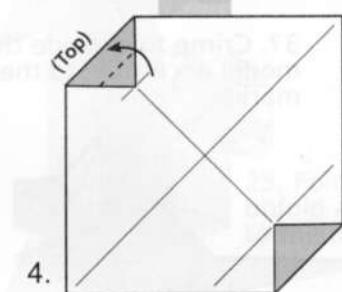
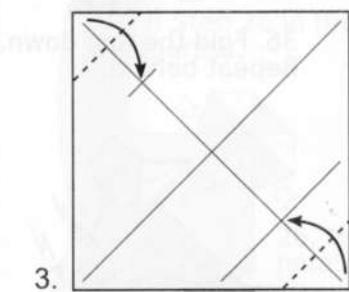




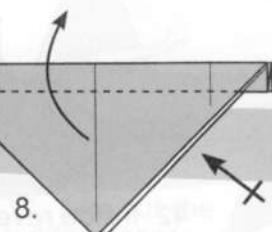
イライラがえる

Grumpy Frog

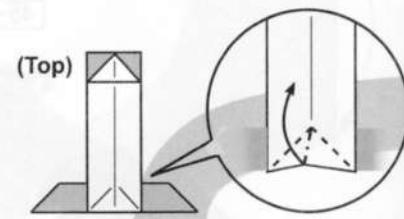
Oriol Esteve (2017)



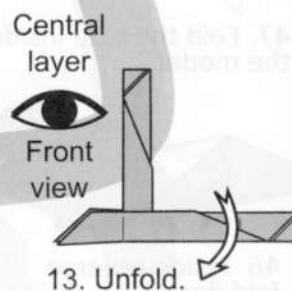
11. Open sink.



8.

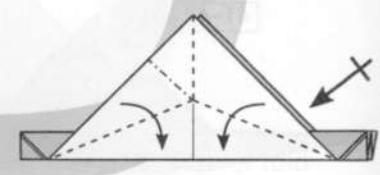


14. Divide central layer symmetrically and refold.

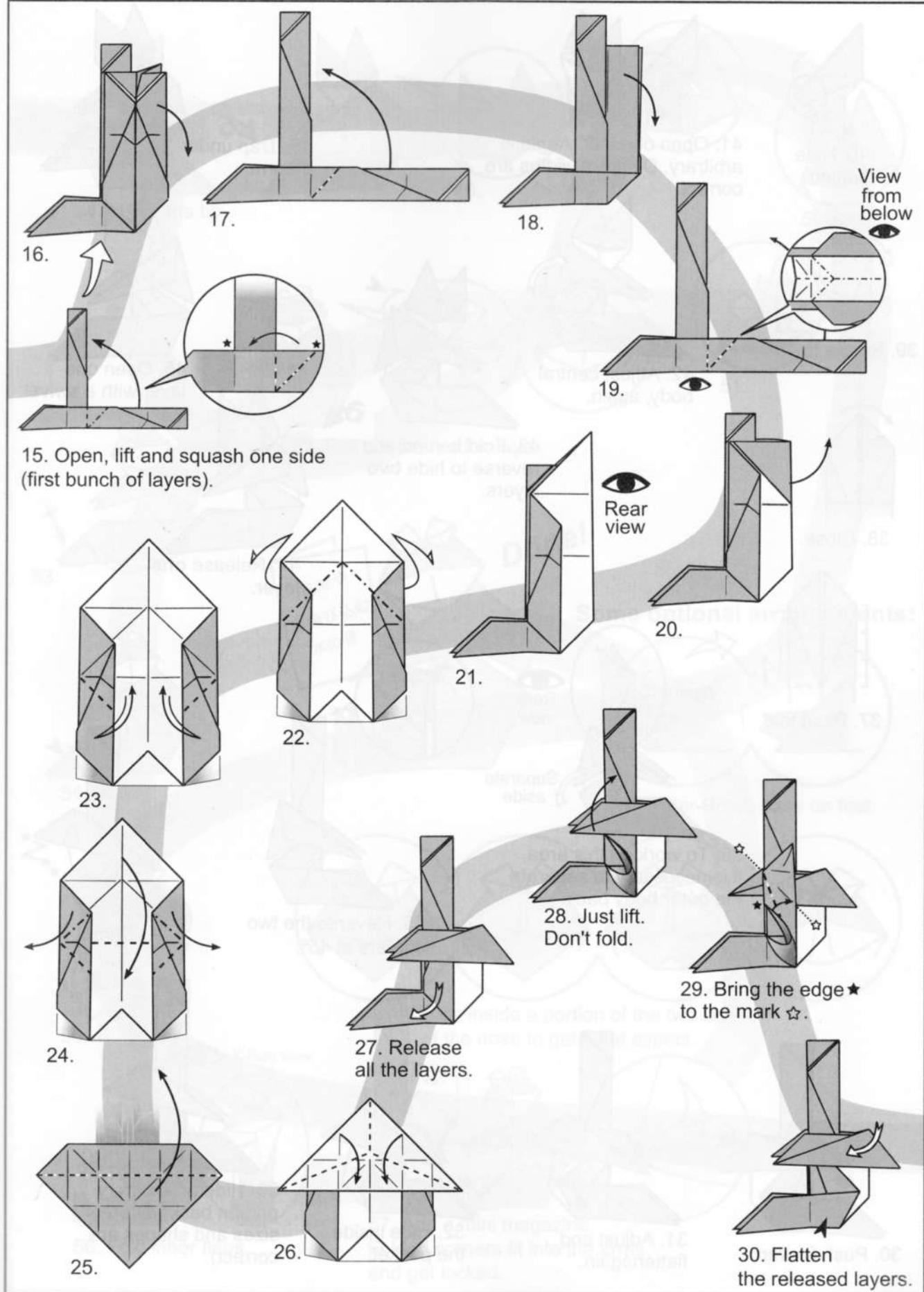


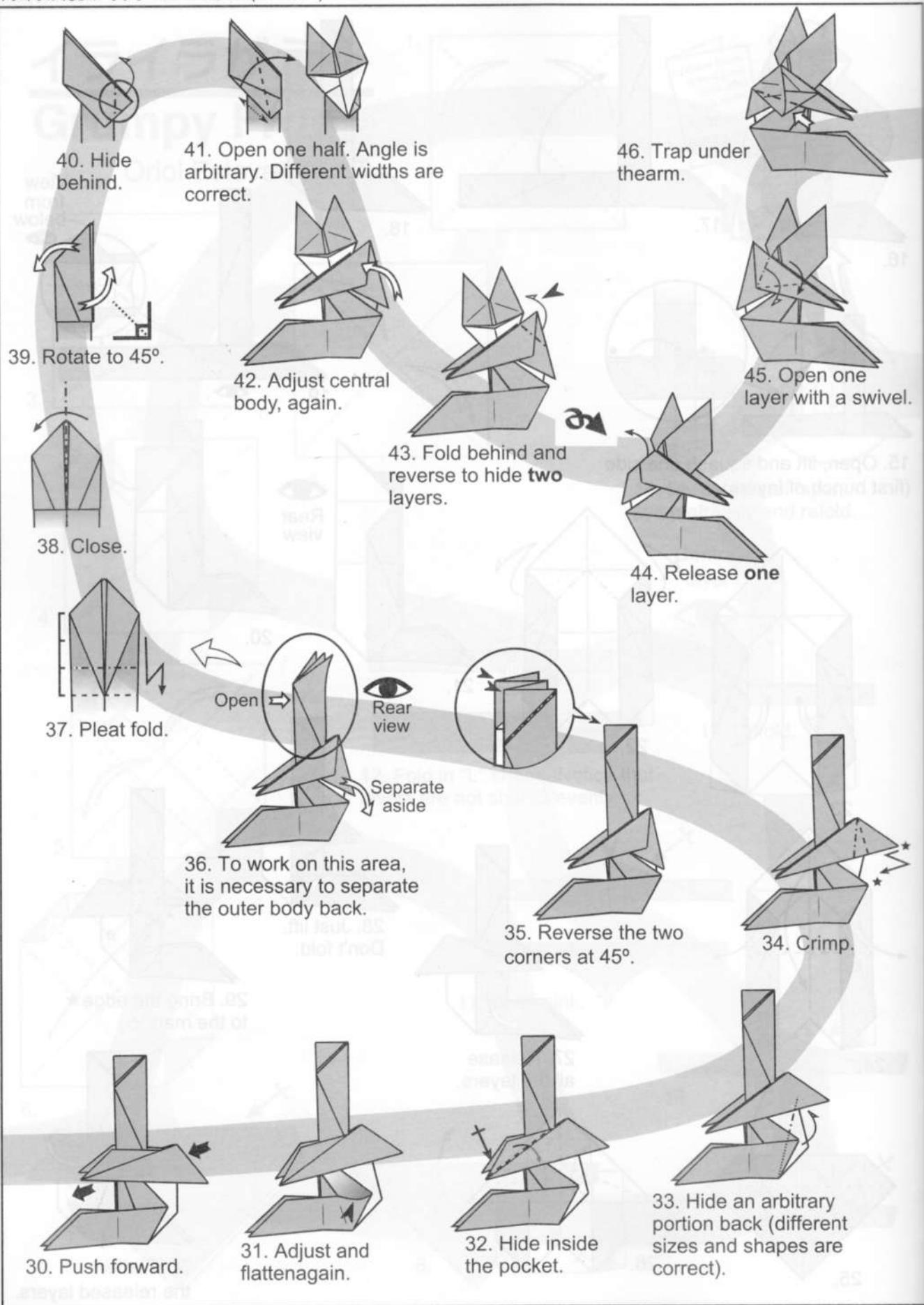
13. Unfold.

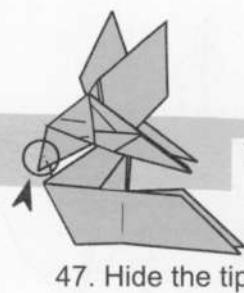
10.



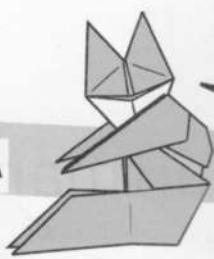
9.







47. Hide the tip.



48.



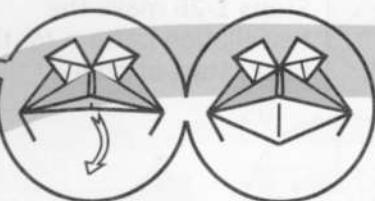
49.



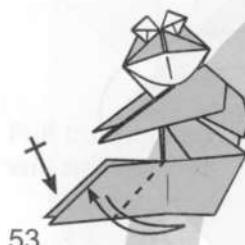
50.



52. Pull out the hidden layer.



51.



53.



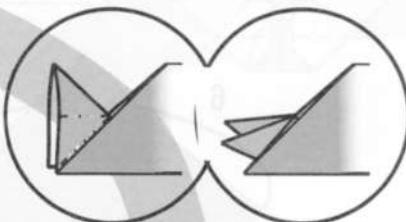
54. Sink.



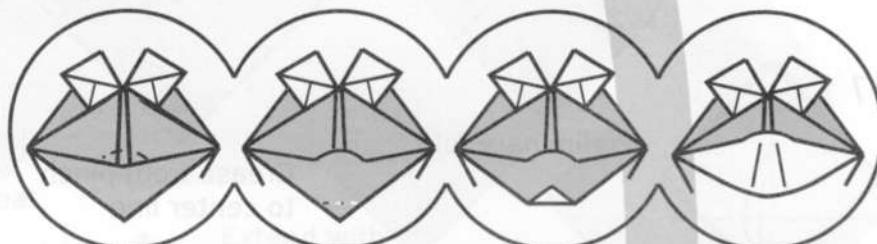
55.

Done!

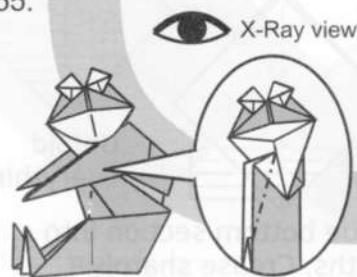
Some optional arrangements:



A Water-Bomb base on feet.



Hide inside a portion of the two layers of the nose to get a flat aspect.

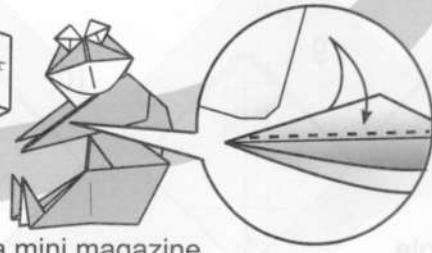


X-Ray view



57. Add a mini magazine.

Folded corners fit into the arms and get locked.



signs no room

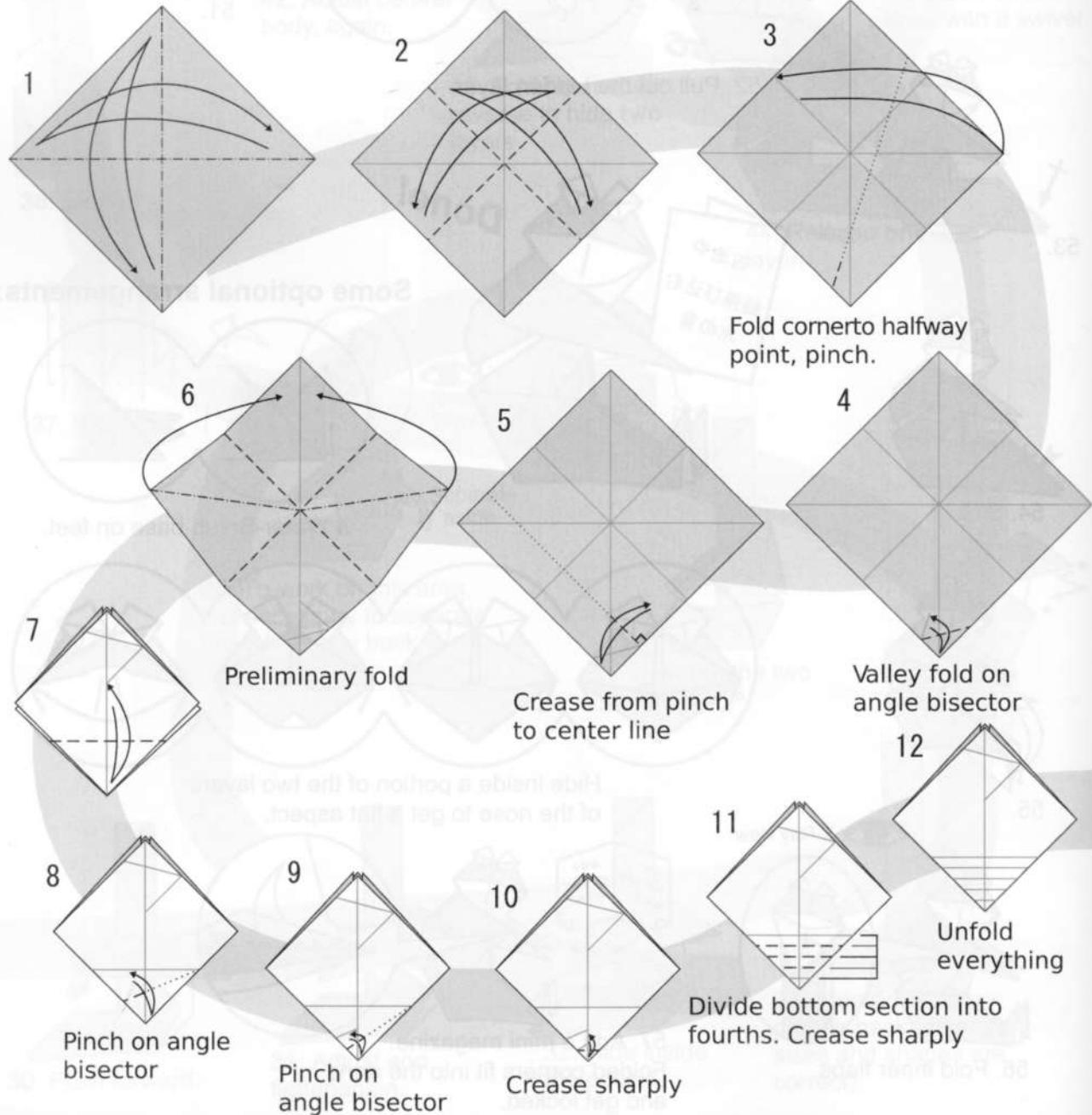
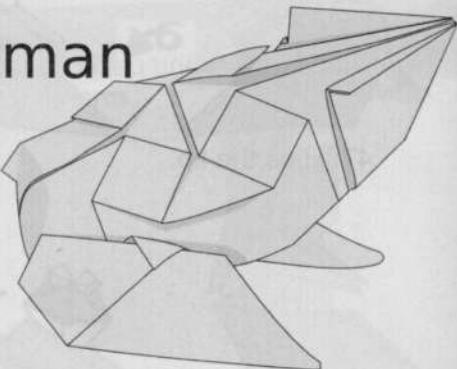
not said

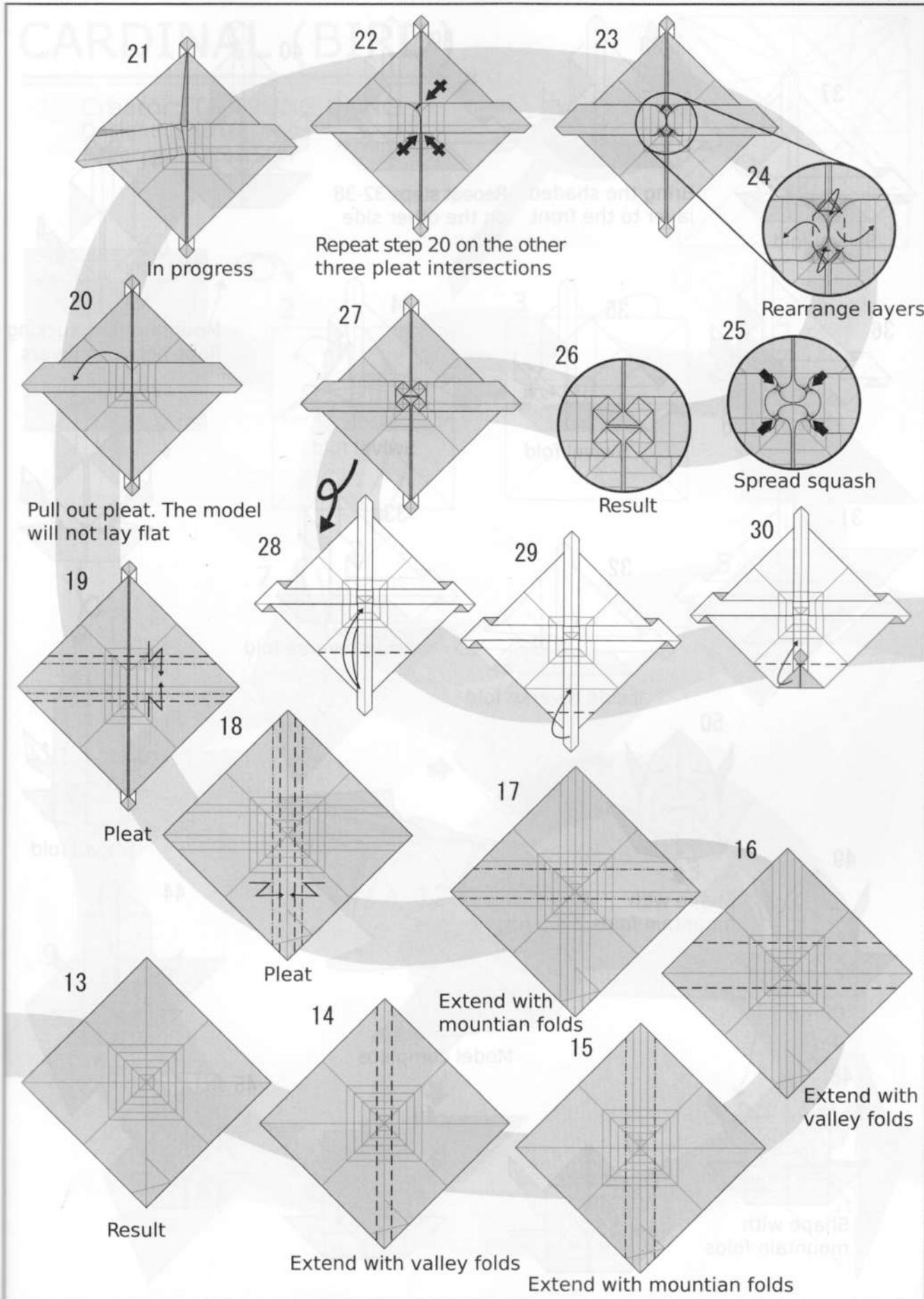
Toad

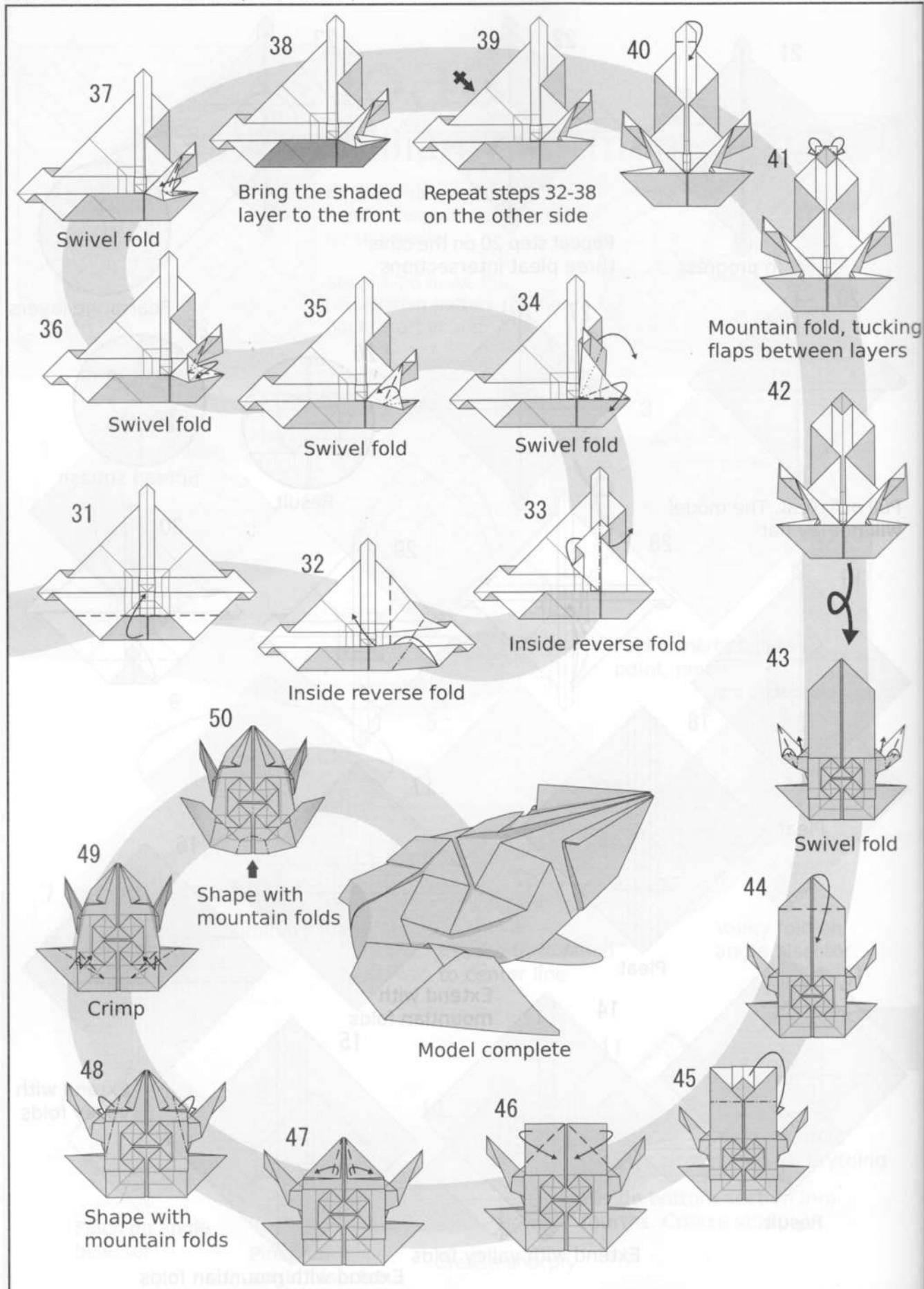
William Hartman

An eight inch square of medium weight paper is best for this model.

Steps 1-26 make the tessellation pattern for the back. Start at step 27 to







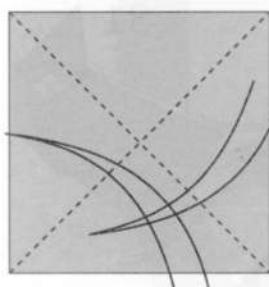
CARDINAL (BIRD)

Creator: TA TRUNG DONG

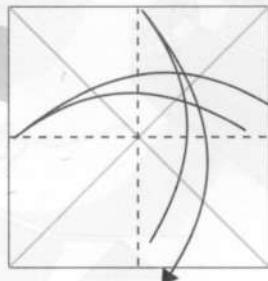
Designed: 2016

Paper size: 25x25cm

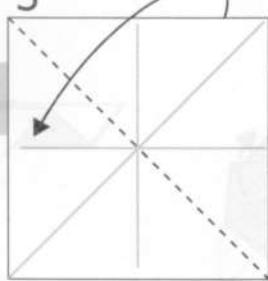
1



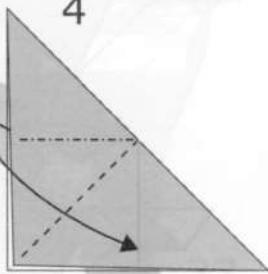
2



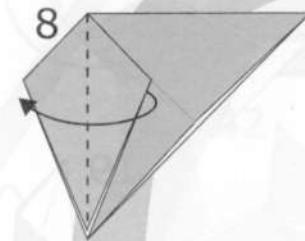
3



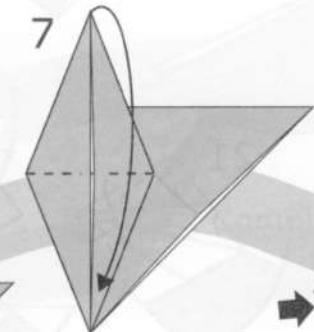
4



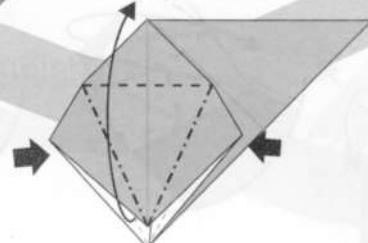
8



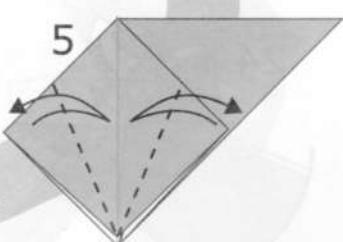
7



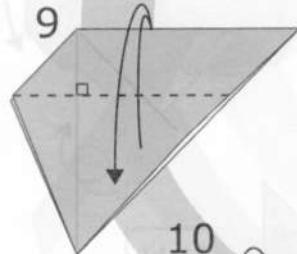
6



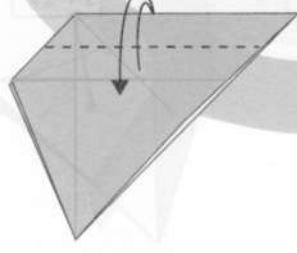
5



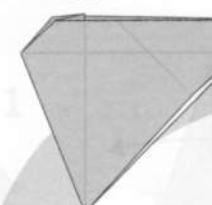
9



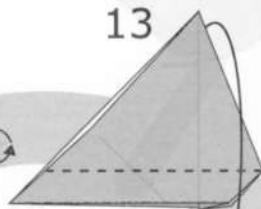
10



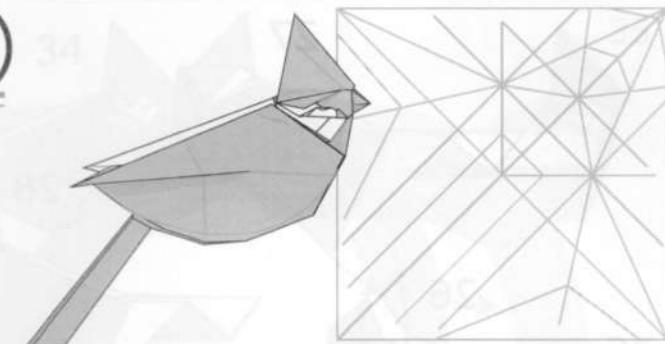
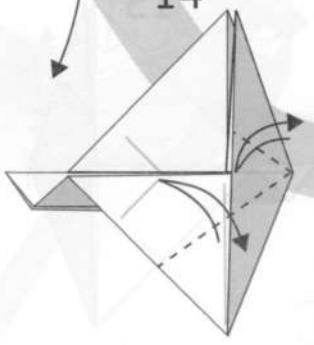
12

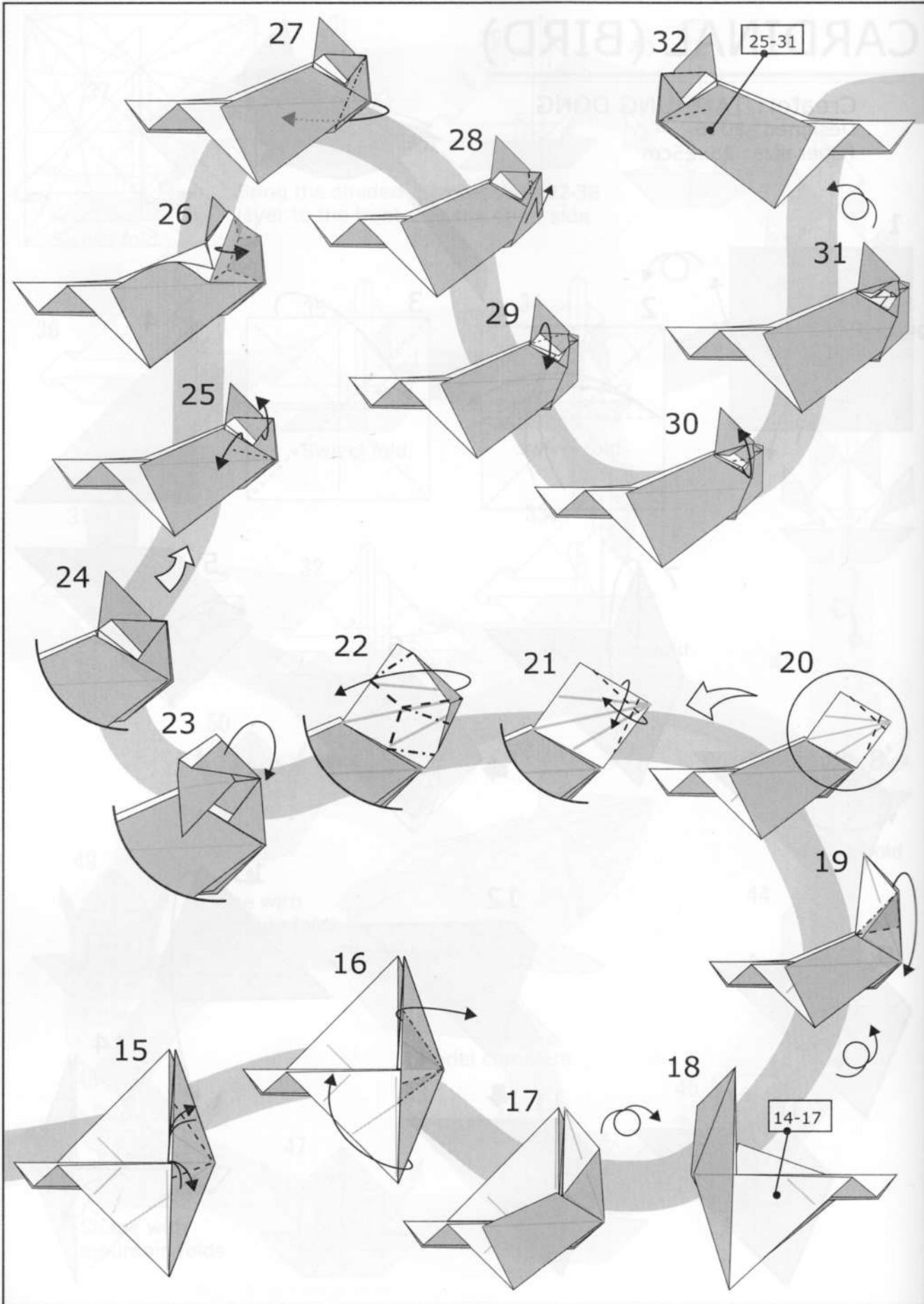


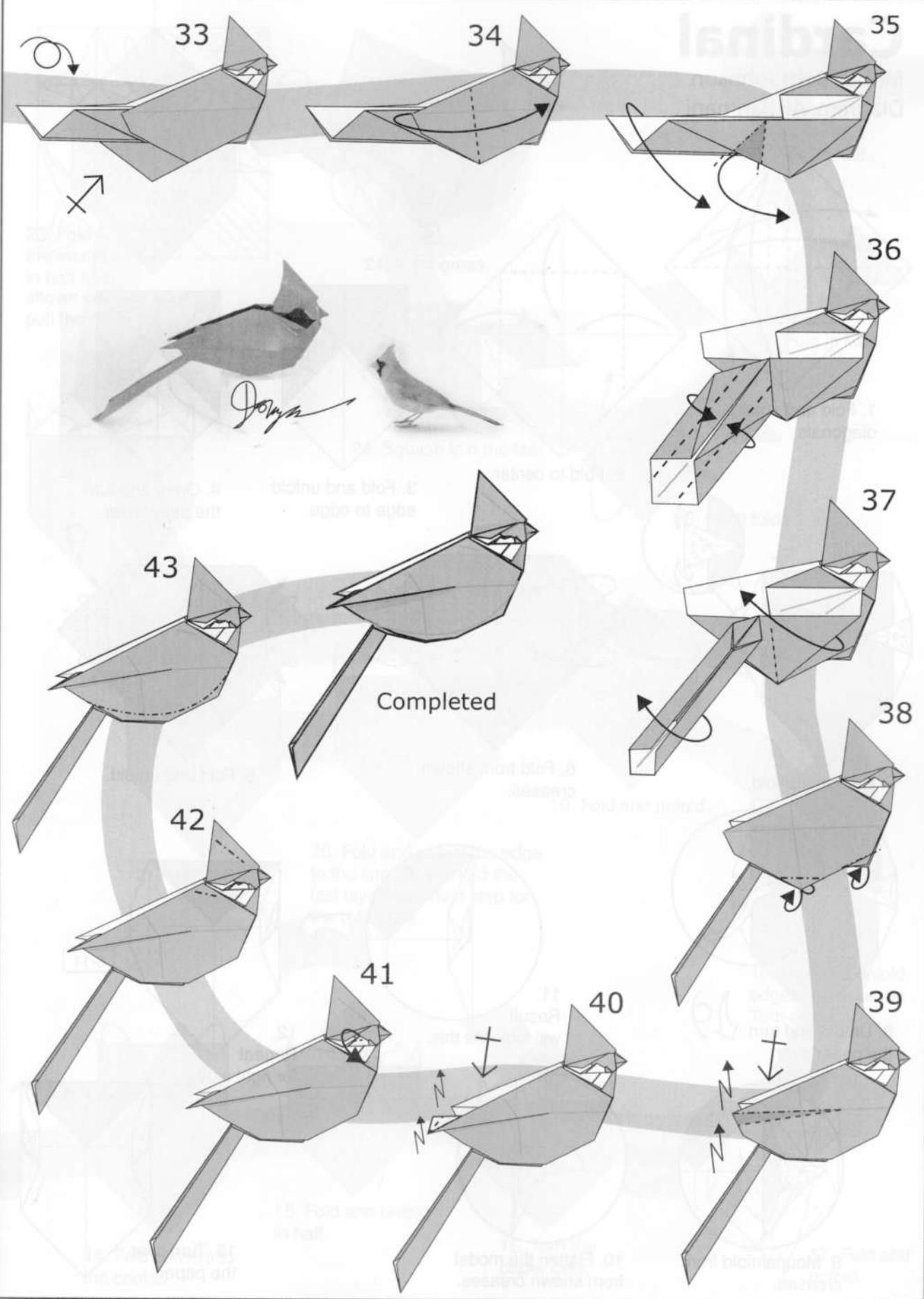
13



14

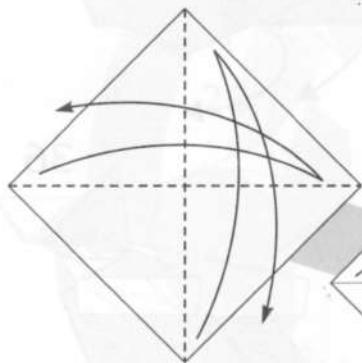




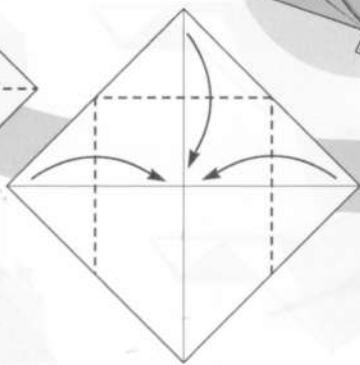


Cardinal

Model: Beth Johnson
Diagram: Ali Bahmani



1. Fold and unfold diagonals



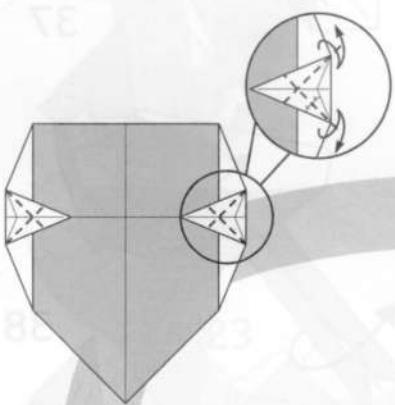
2. Fold to center.



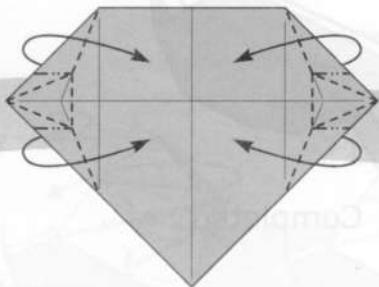
3. Fold and unfold edge to edge.



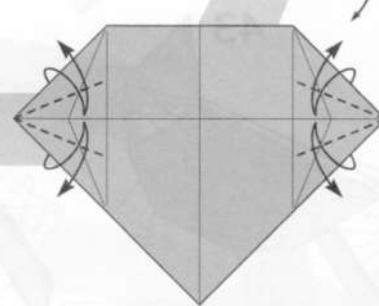
4. Open and turn the paper over.



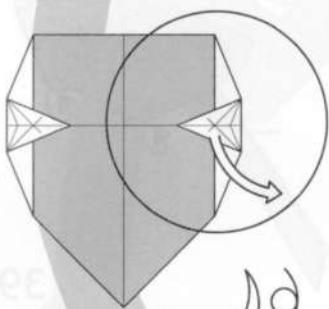
7. Fold and unfold.



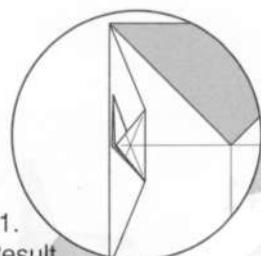
6. Fold from shown creases.



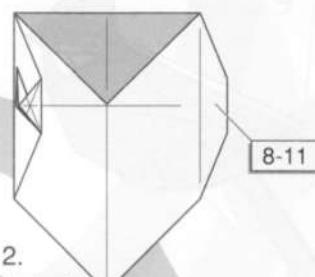
5. Fold and unfold.



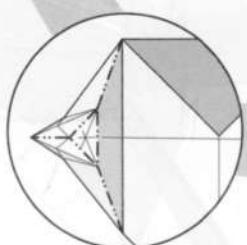
8. Unfold and turn the paper over.



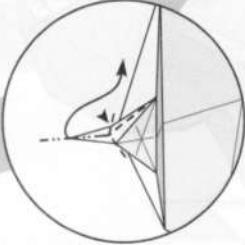
11. Result will look like this.



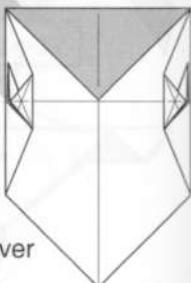
12. Repeat for right side.



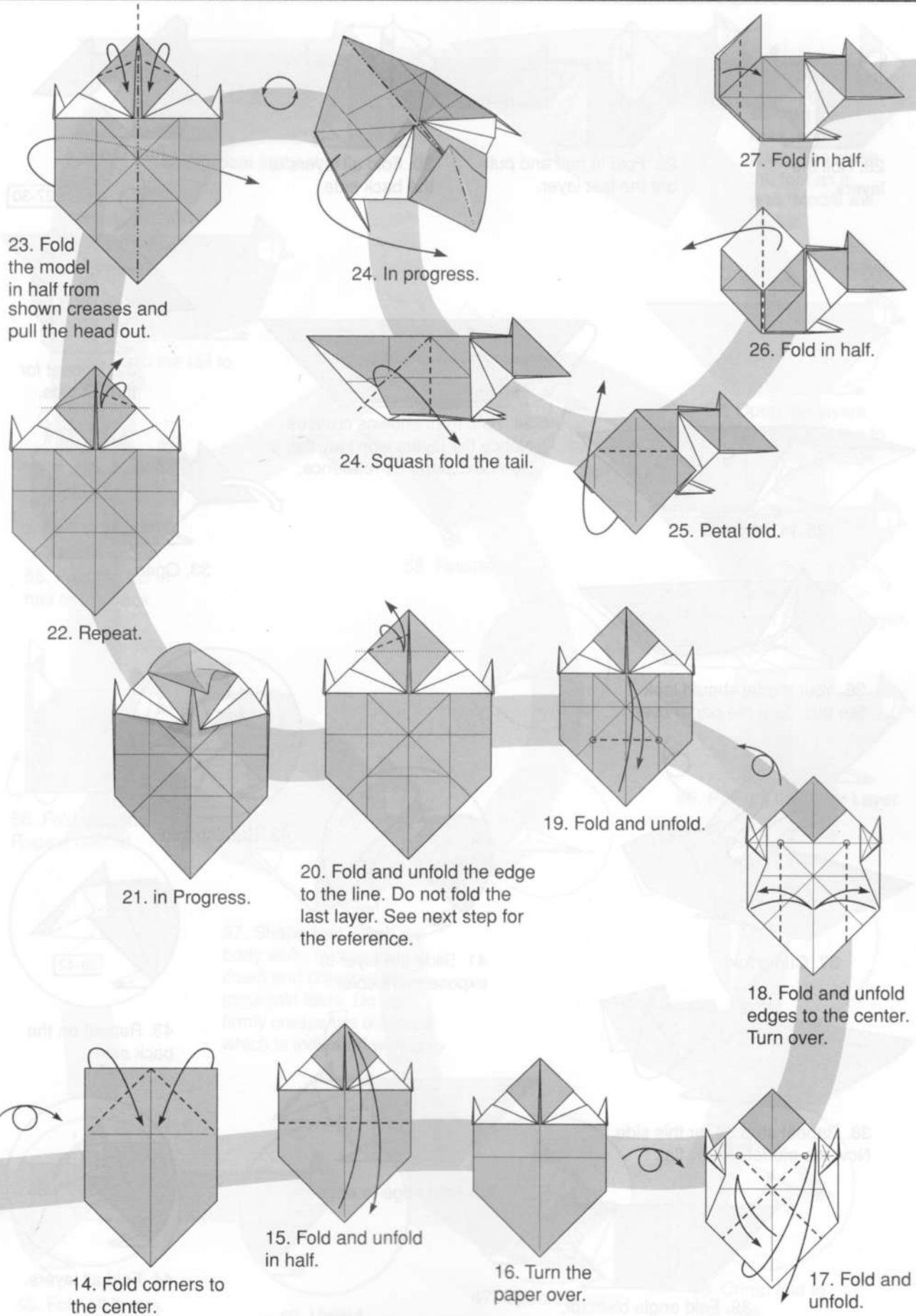
9. Mountainfold from creases.

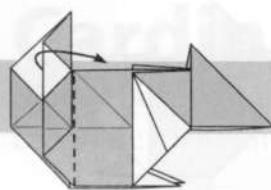


10. Flatten the model from shown creases.

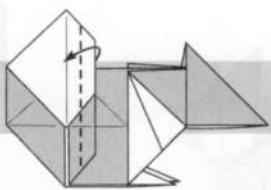


13. Turn over the paper.

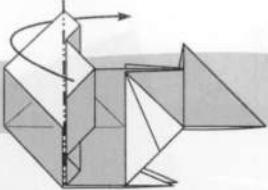




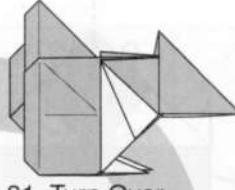
28. Roll the layers.



29. Fold in half and pull out the last layer.

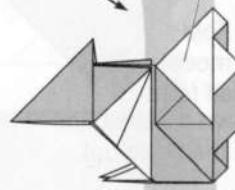


30. Fold all layers to the back side.



31. Turn Over.

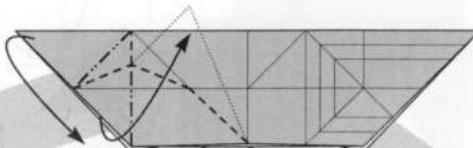
27-30



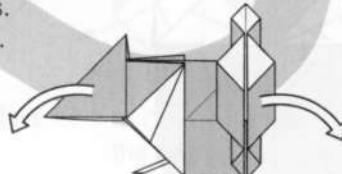
32. Repeat for the left side.



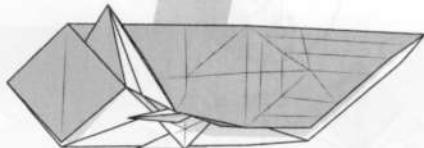
35. In Progress



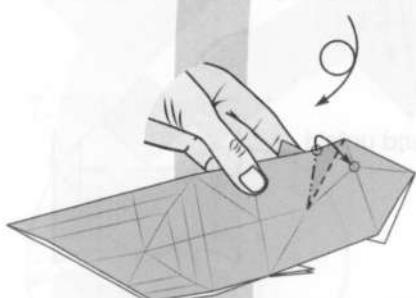
34. Fold from shown creases. Notice the layers won't lay flat. See next steps for reference.



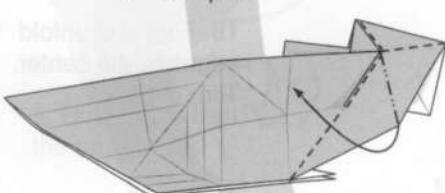
33. Open.



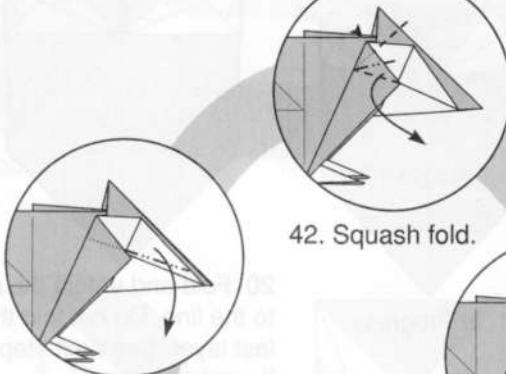
36. Your model should look like this. Turn the paper over.



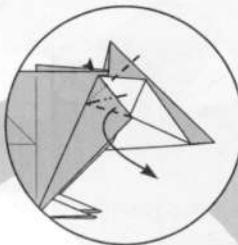
37. Crimp fold.



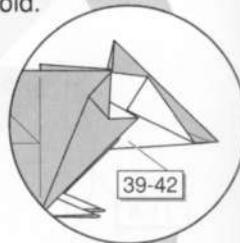
38. Repeat step 34 for this side. Now the model will lay flat.



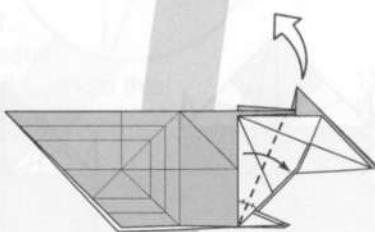
41. Slide the layer to expose more color.



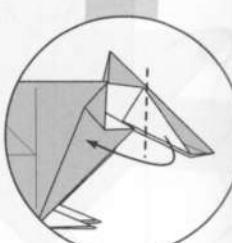
42. Squash fold.



43. Repeat on the back side.

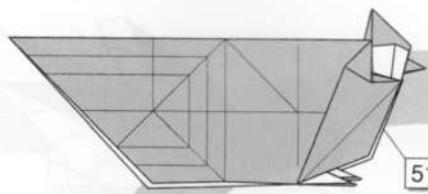


40. Fold edge to edge.

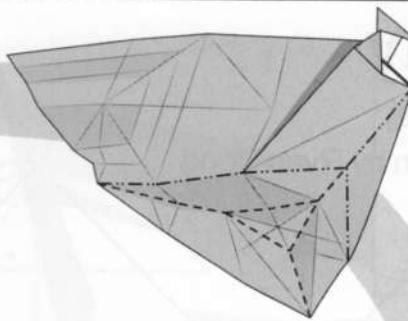


44. Fold all layers.

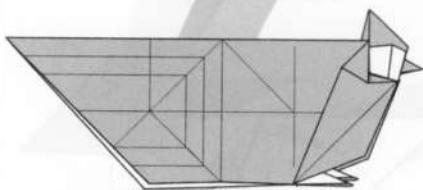
39. Fold angle bisector.



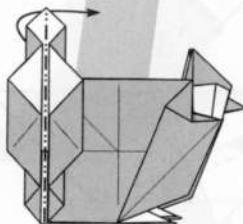
54. Repeat for behind.



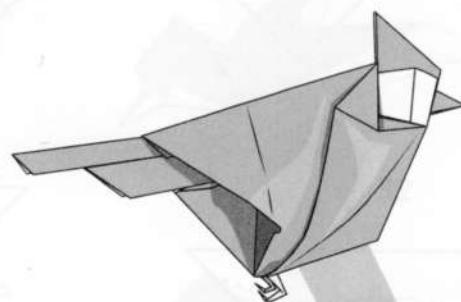
53. Fold from shown creases starting from top right mountain folds. The close the foot as it was. Model will be flat.



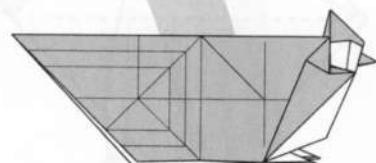
55. Fold the tail to step 33.



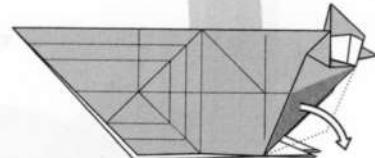
56. Fold the tail in half to the back.



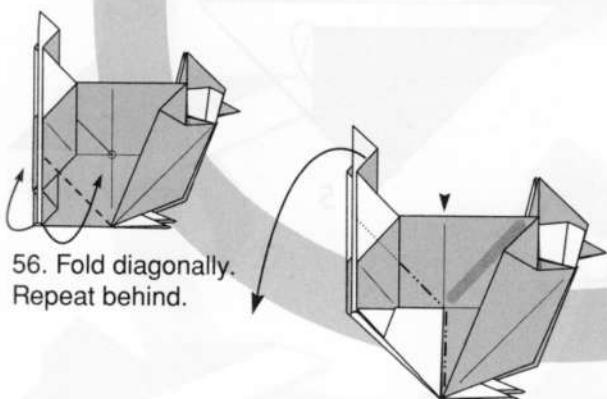
58. Finished.



52. Open the layers and perform a wrap to make a color change.

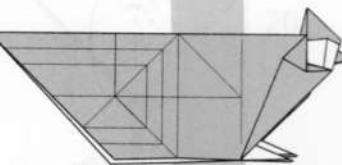
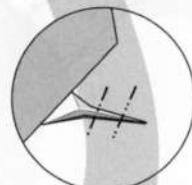


51. Pull out the inner Layer.

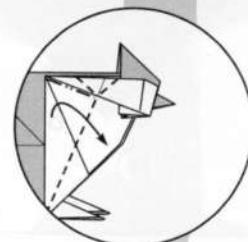


56. Fold diagonally. Repeat behind.

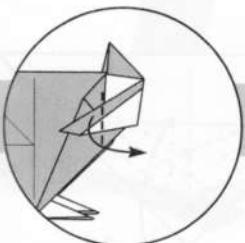
57. Shape feet. Push the body while folding the tail down and creasing the mountain folds. Do not firmly crease the diagonal which is indicated with grey



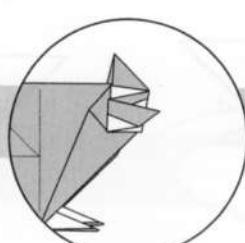
50. Pull out the inner Layer.



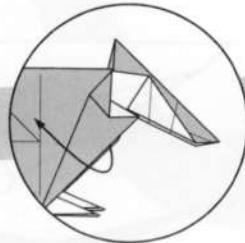
49. Fold the flap back to step 43.



45. Fold all layers.



46. Unfold.



47. Open the layer.

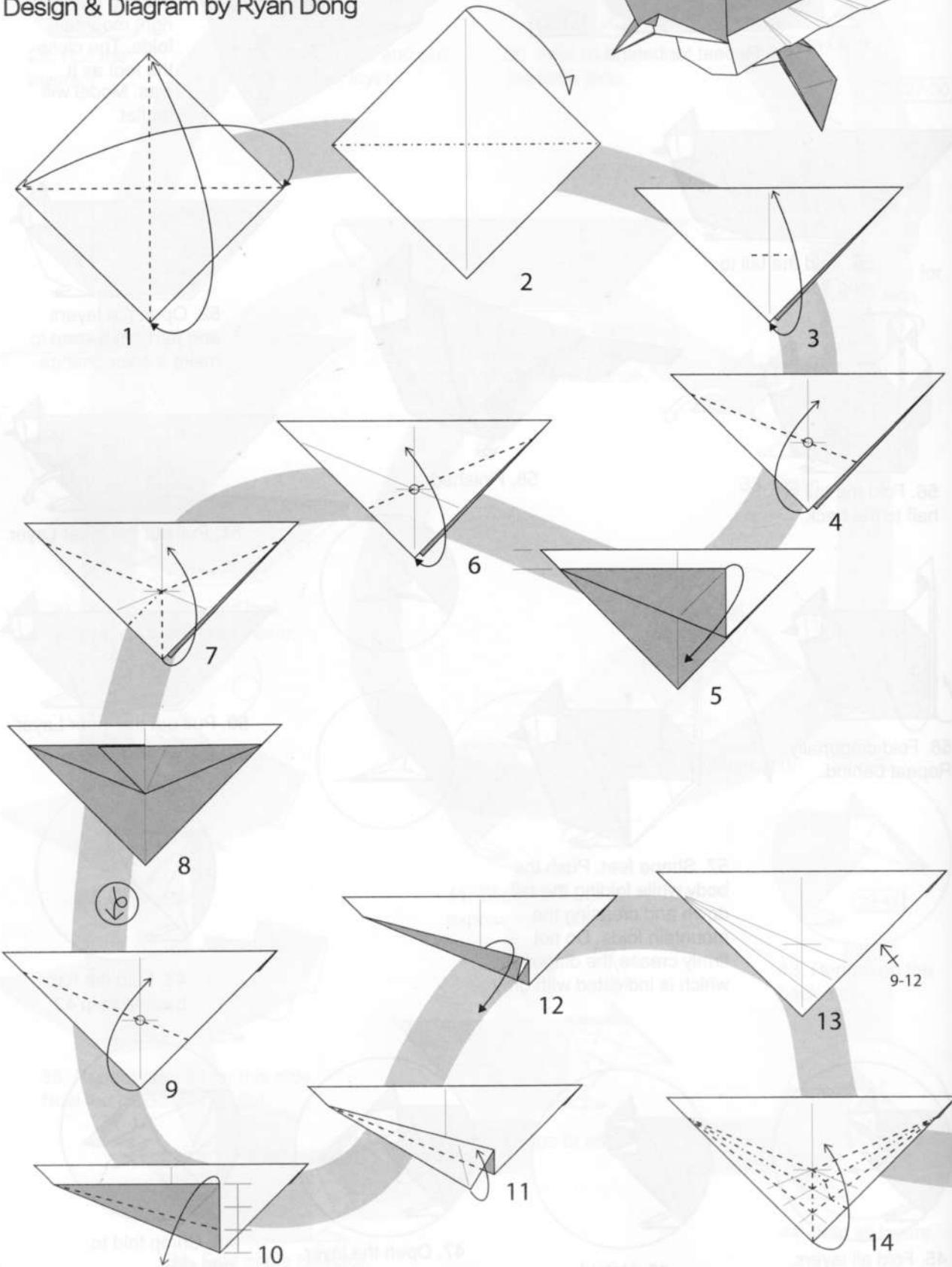


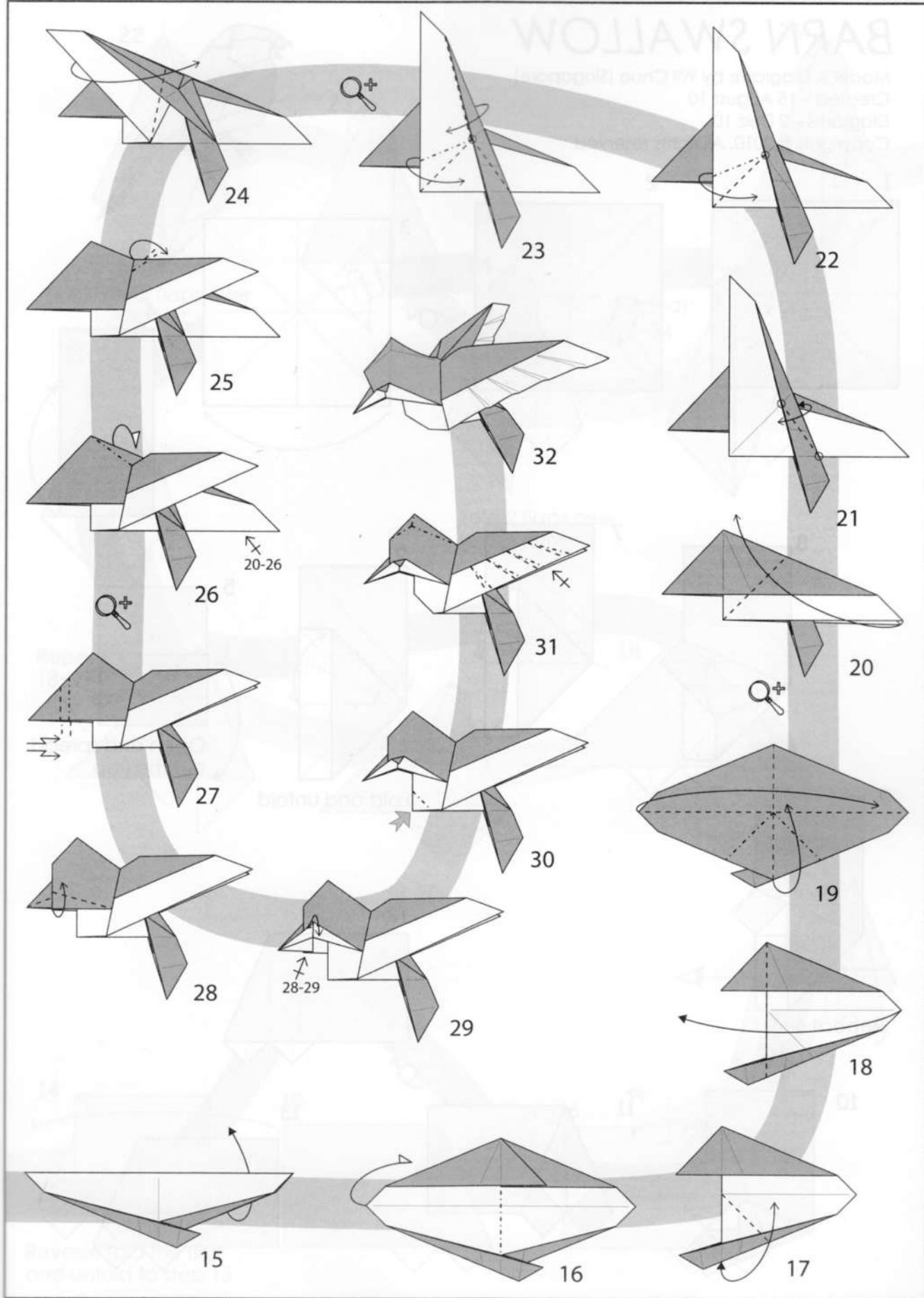
48. Crimp fold to one side.

Blue Jay

創作/图解: 董信灿

Design & Diagram by Ryan Dong





BARN SWALLOW

Model & Diagrams by Wil Chua (Singapore)

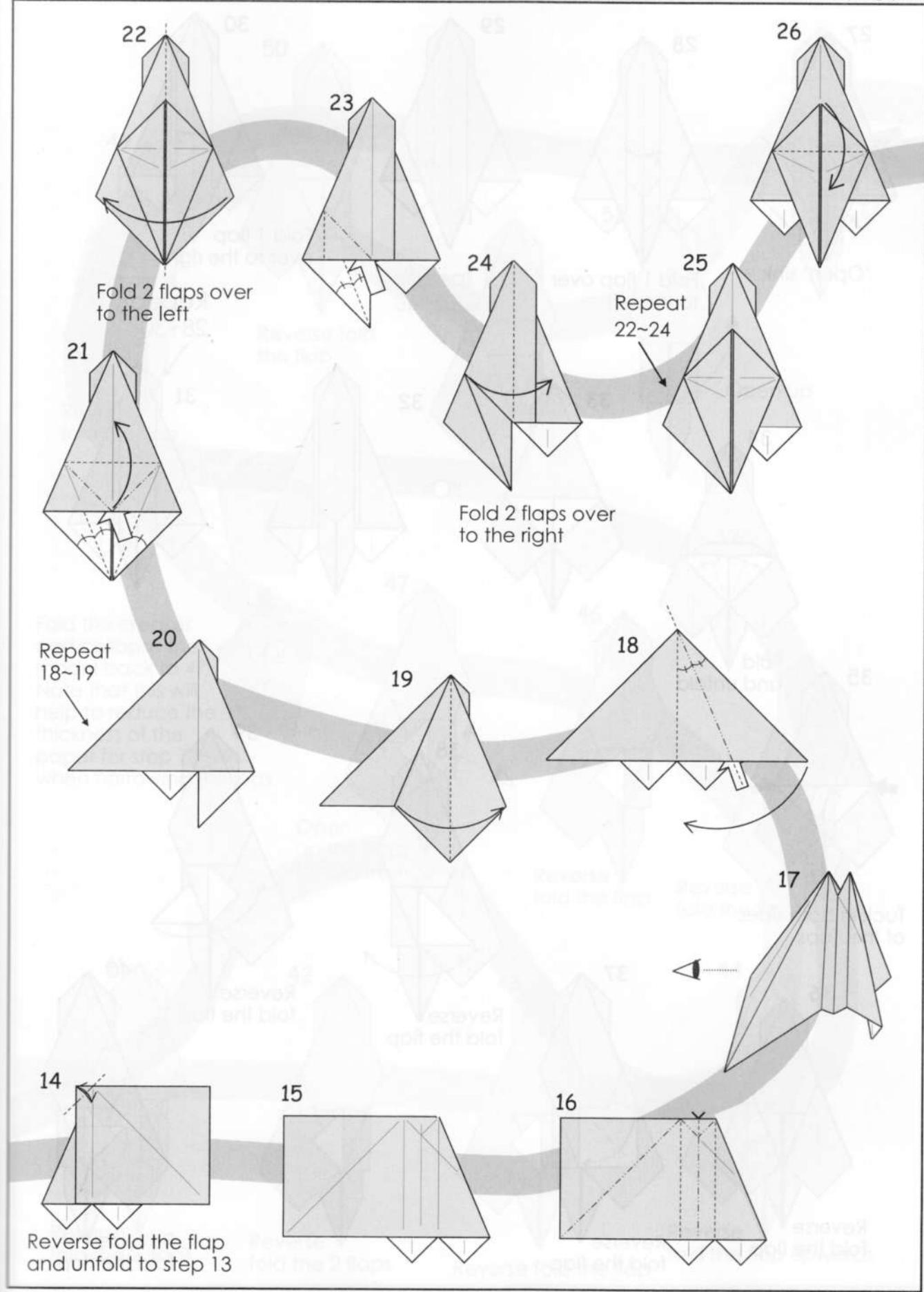
Created – 15 August 10

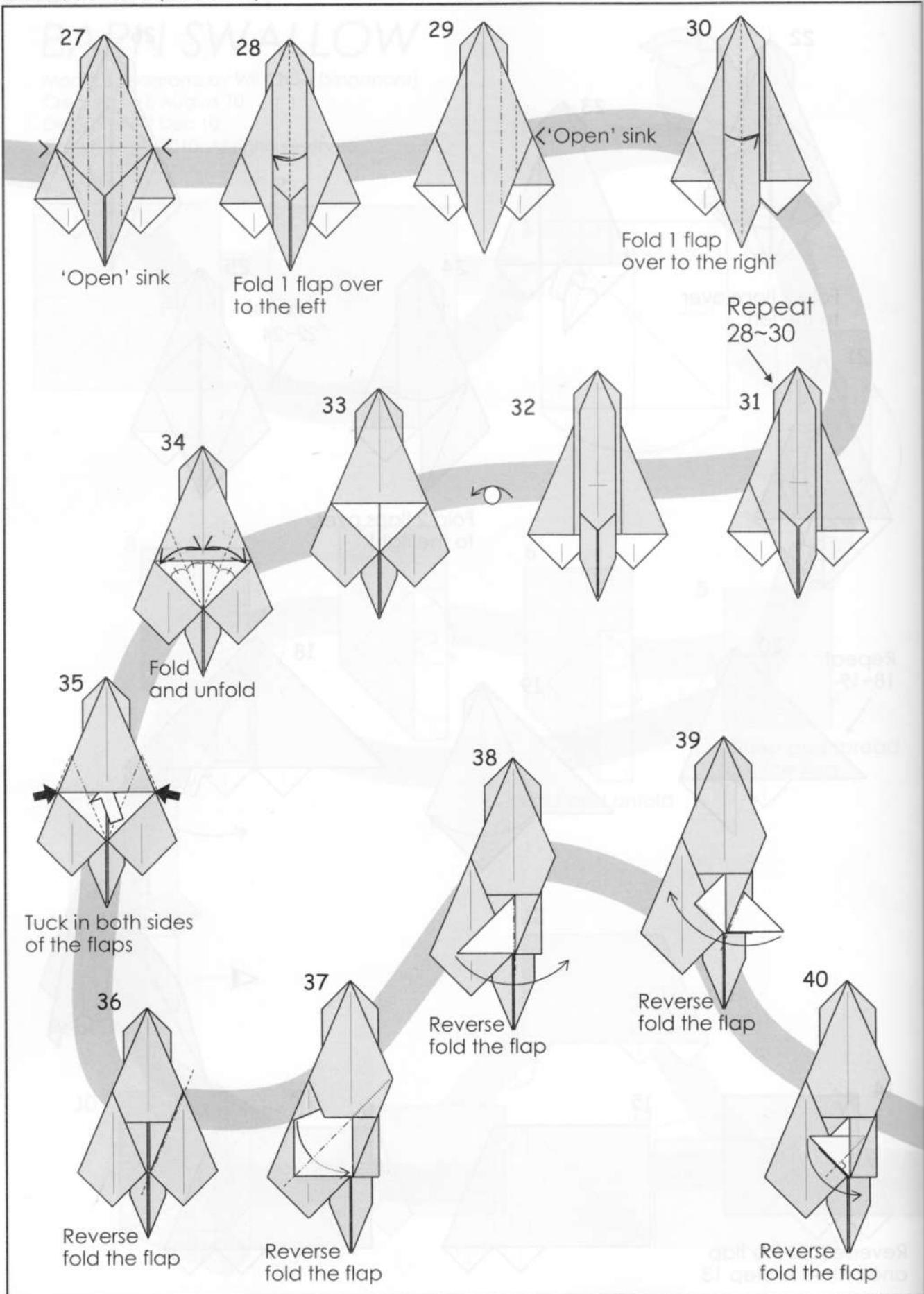
Diagrams – 2 Dec 10

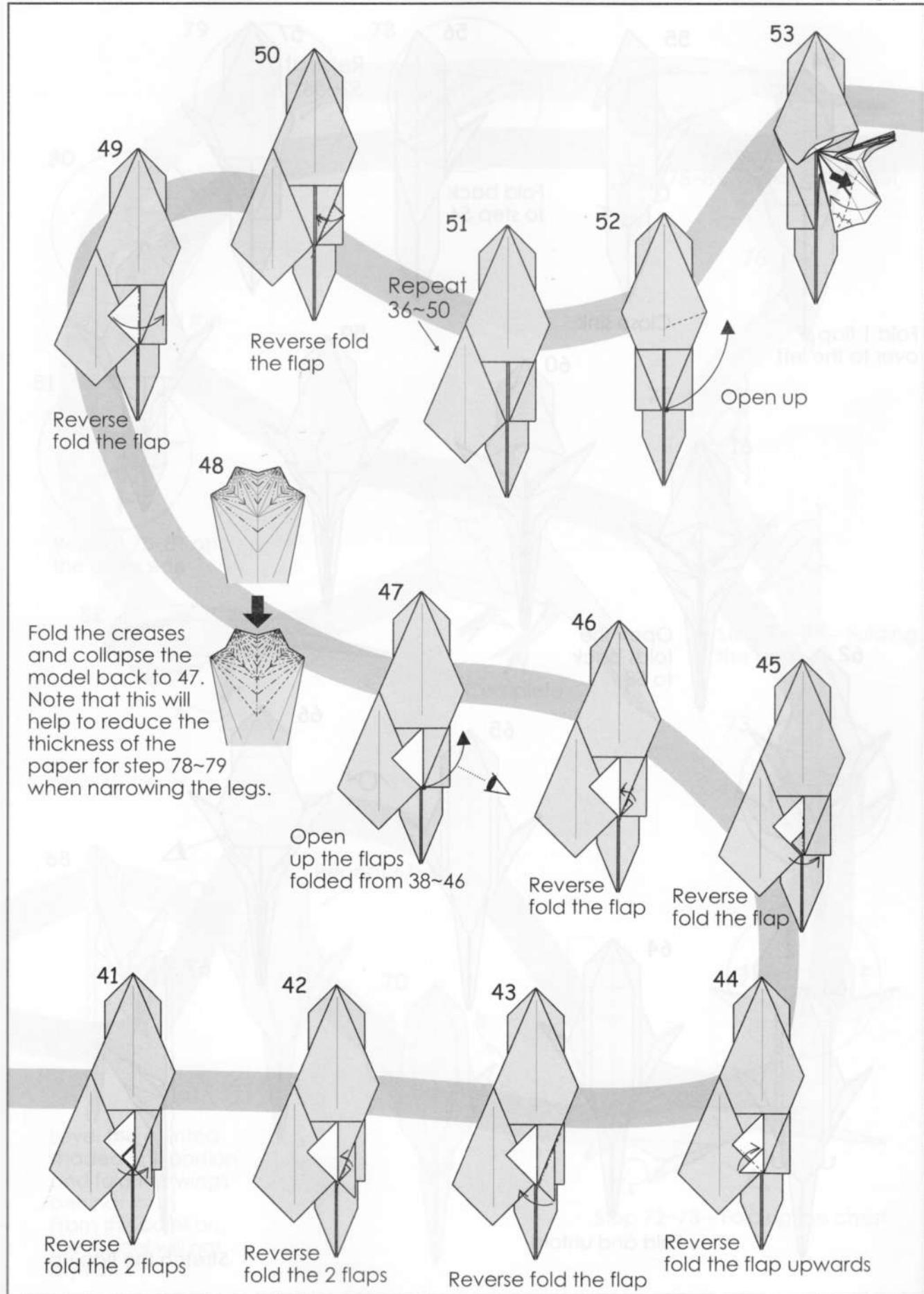
Copyrights © 2010. All rights reserved

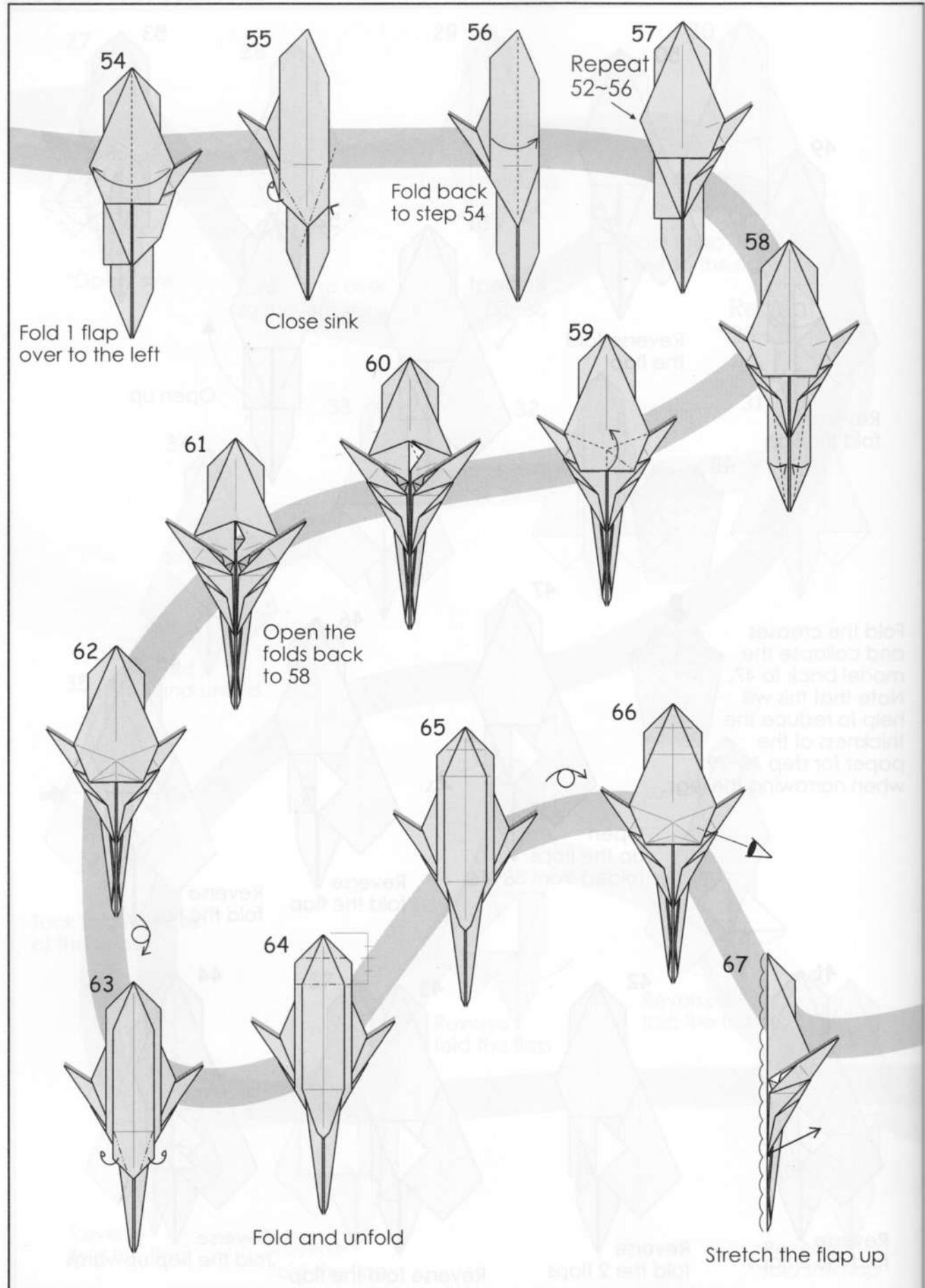
228 第23回折紙探偵団コンペティション折り図集 vol.23 2017年

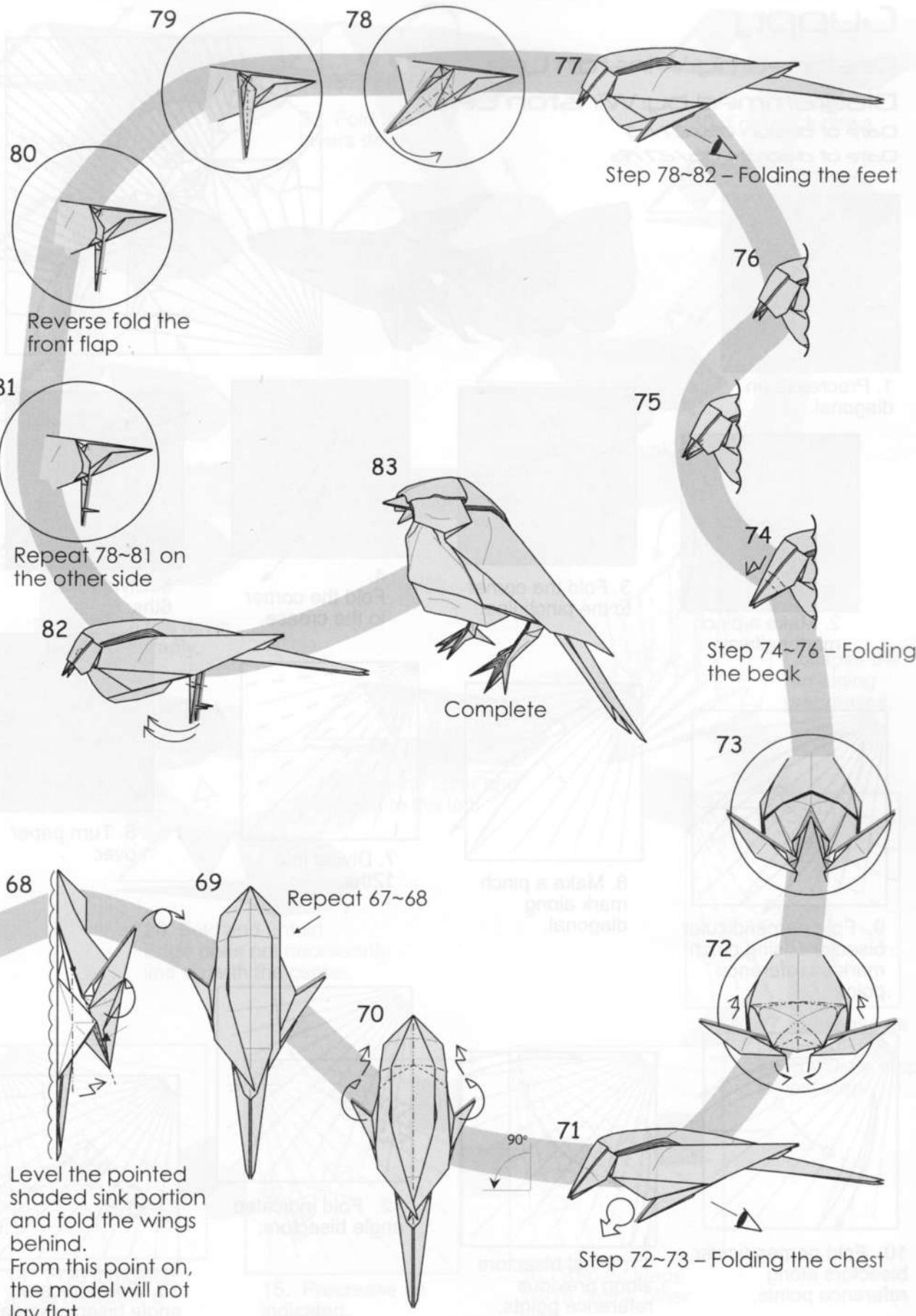
23rd Origami Tanteidan Convention 2017











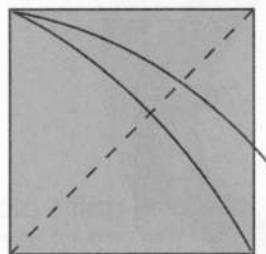
GUPPY

Designed by: Winston Lee

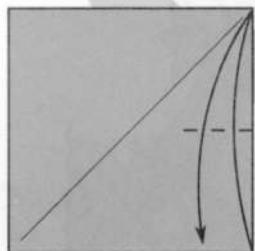
Diagrammed by: Winston Lee

Date of design: 05/27/13

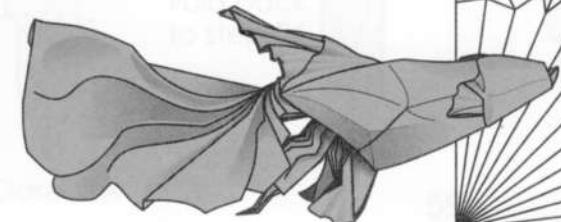
Date of diagram: 06/27/16



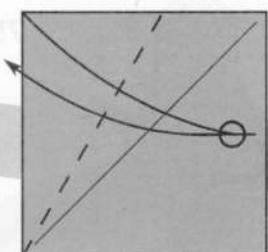
1. Precrease on diagonal.



2. Make a pinch mark halfway.



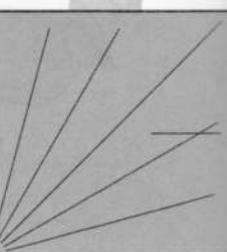
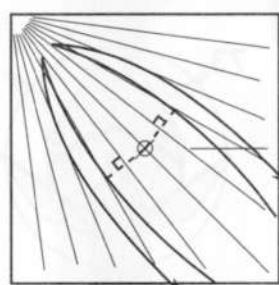
3. Fold the corner to the pinch line.



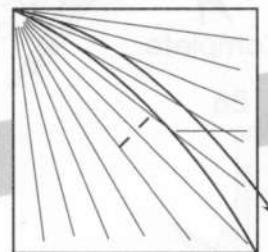
4. Fold the corner to the crease.



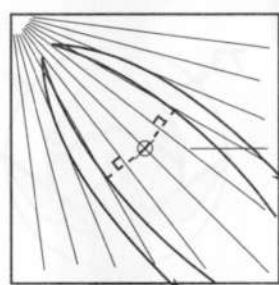
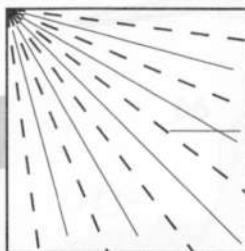
5. Divide into 6ths.



6. Turn paper over.



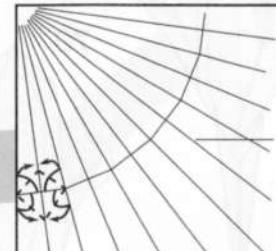
7. Make a pinch mark along diagonal.



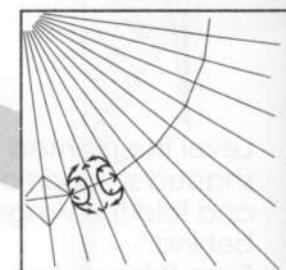
9. Fold perpendicular bisectors using pinch mark as reference point.



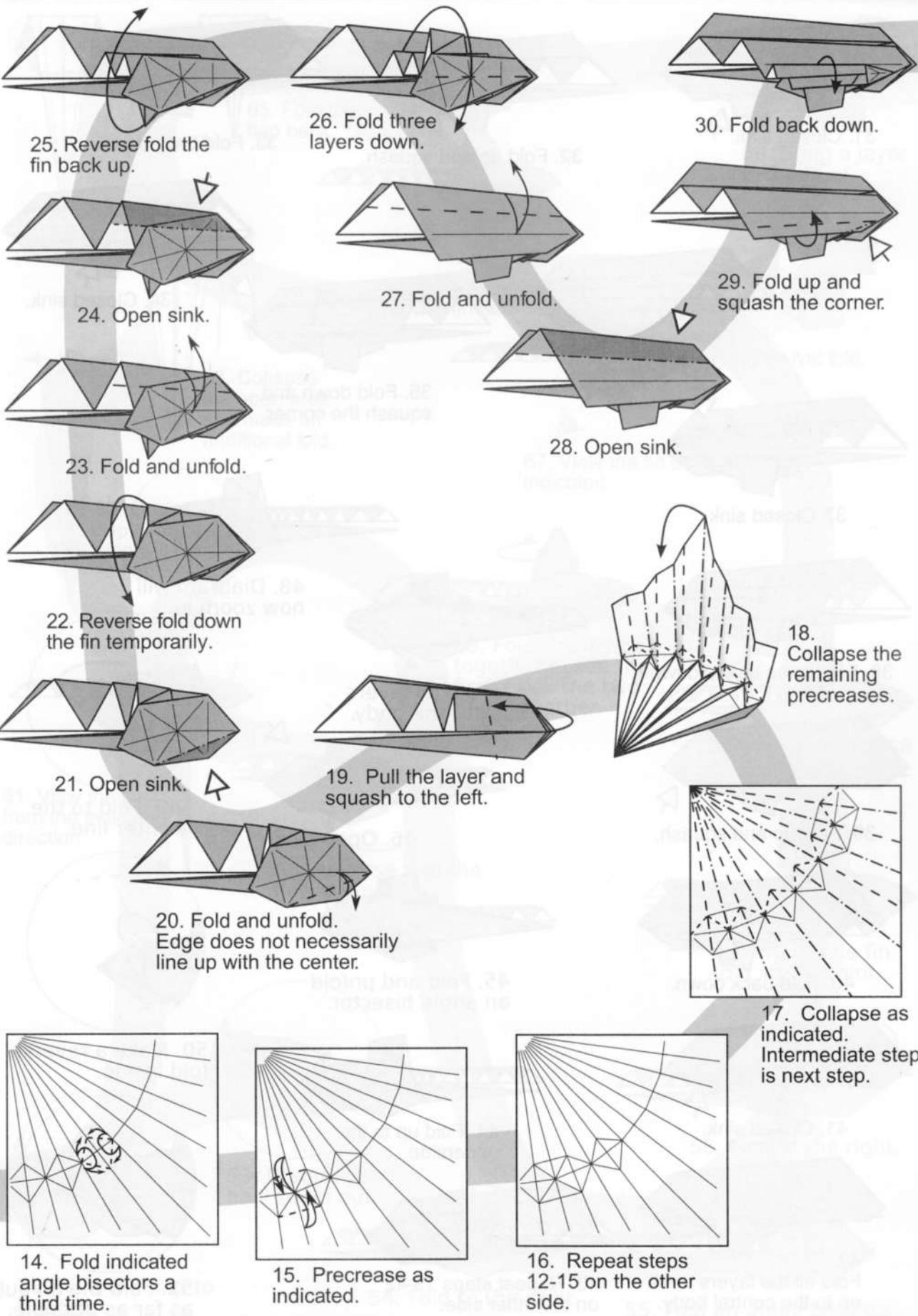
10. Fold perpendicular bisectors along reference points.

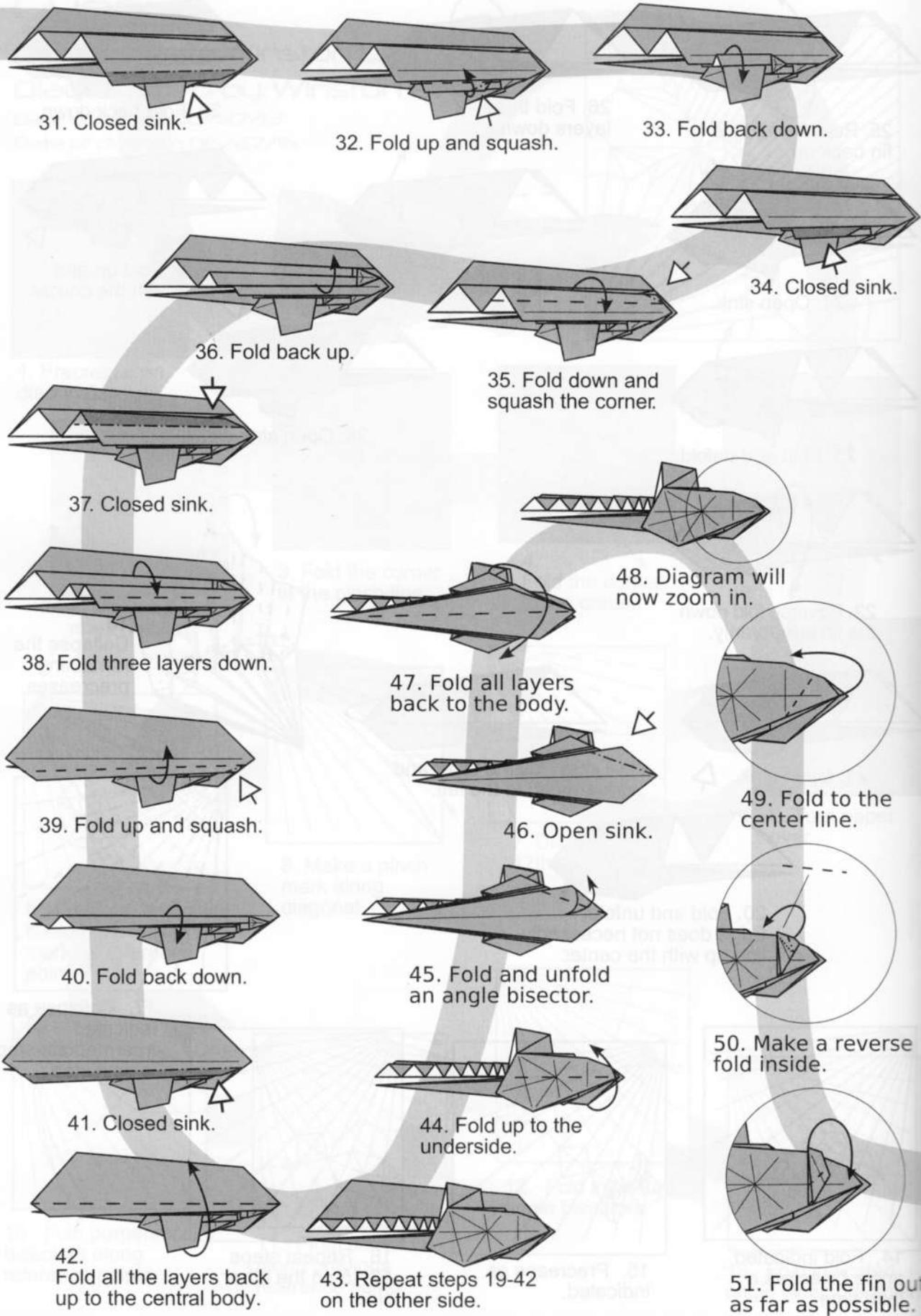


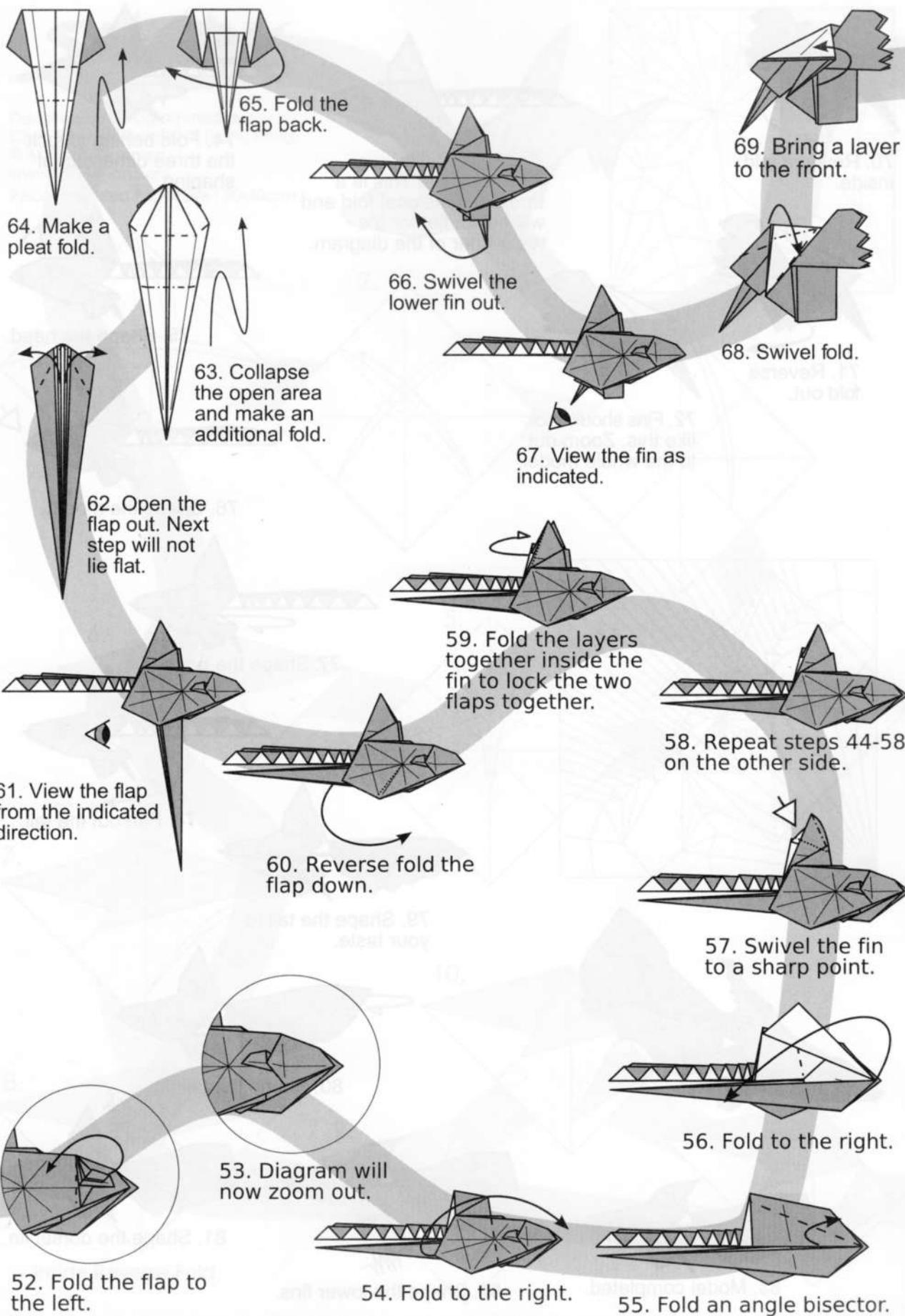
11. Final bisectors along previous reference points.

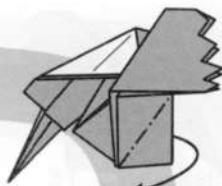


12. Fold indicated angle bisectors.

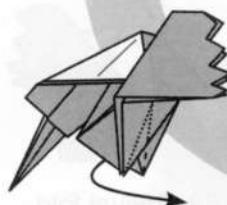




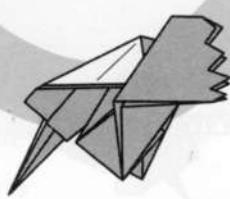




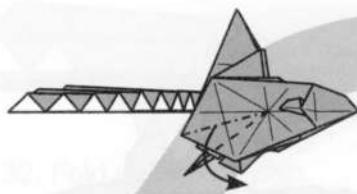
70. Reverse fold inside.



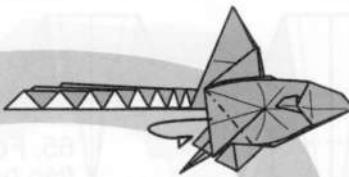
71. Reverse fold out.



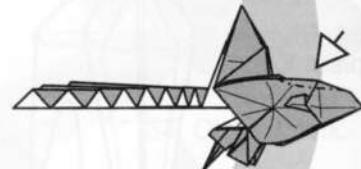
72. Fins should look like this. Zoom out to the whole model.



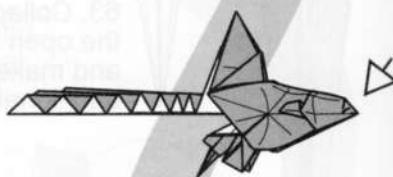
73. Pleat fold. This is a three-dimensional fold and will not lie flat for the remainder of the diagram.



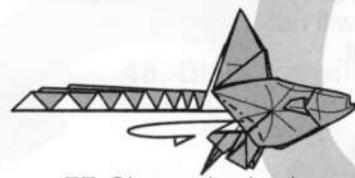
74. Fold behind to lock the three dimensional shaping.



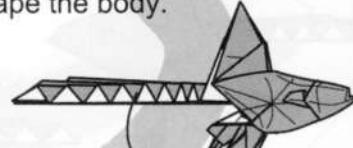
75. Shape the head.



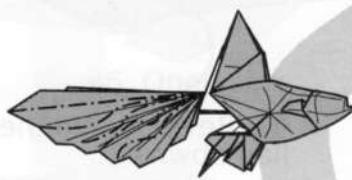
76. Shape the mouth.



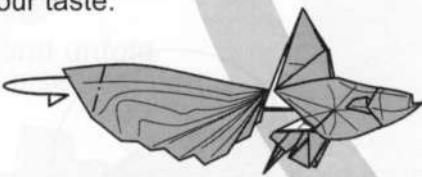
77. Shape the body.



78. Fan out the tail.



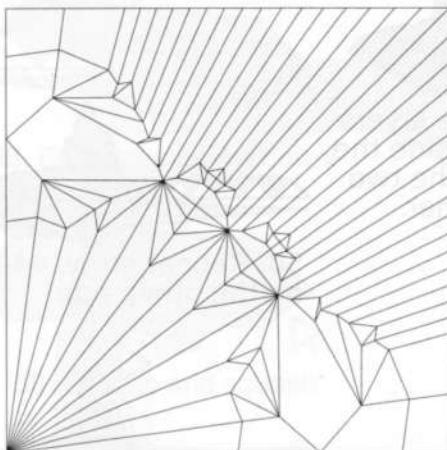
79. Shape the tail to your taste.



80. Round the tail fin.



81. Shape the dorsal fin.



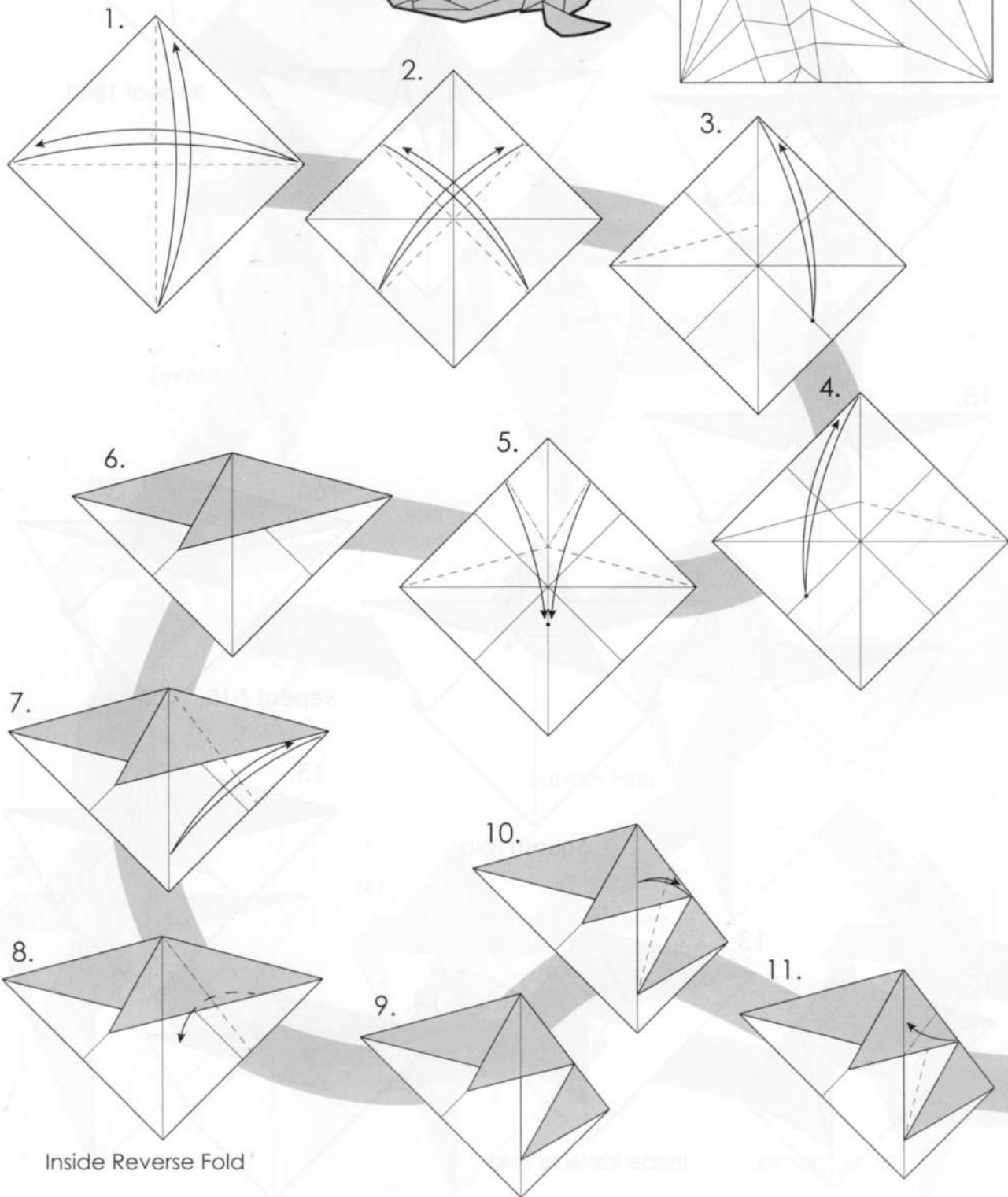
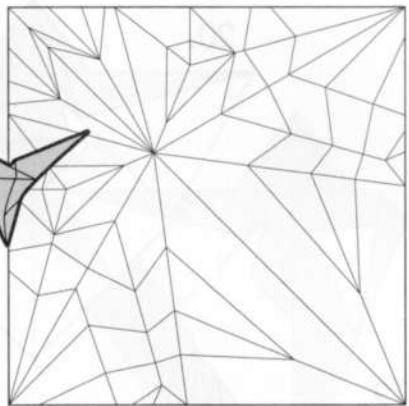
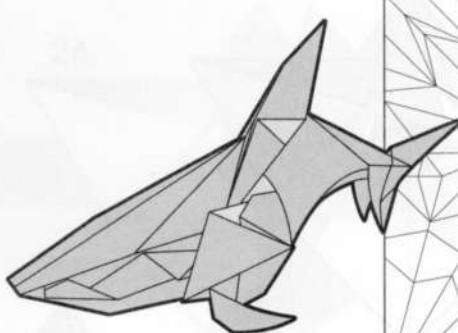
82. Shape the lower fins.



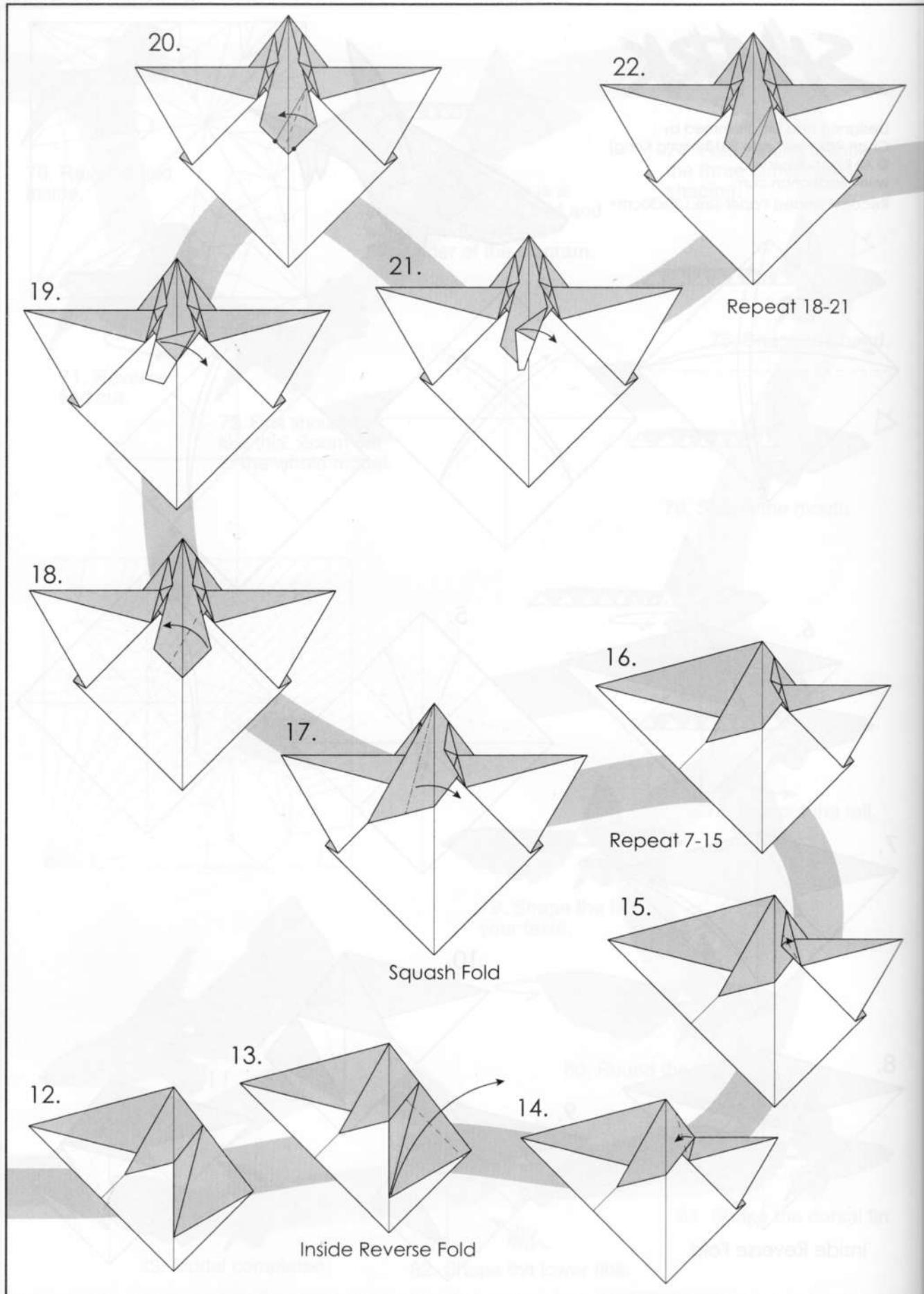
83. Model completed.

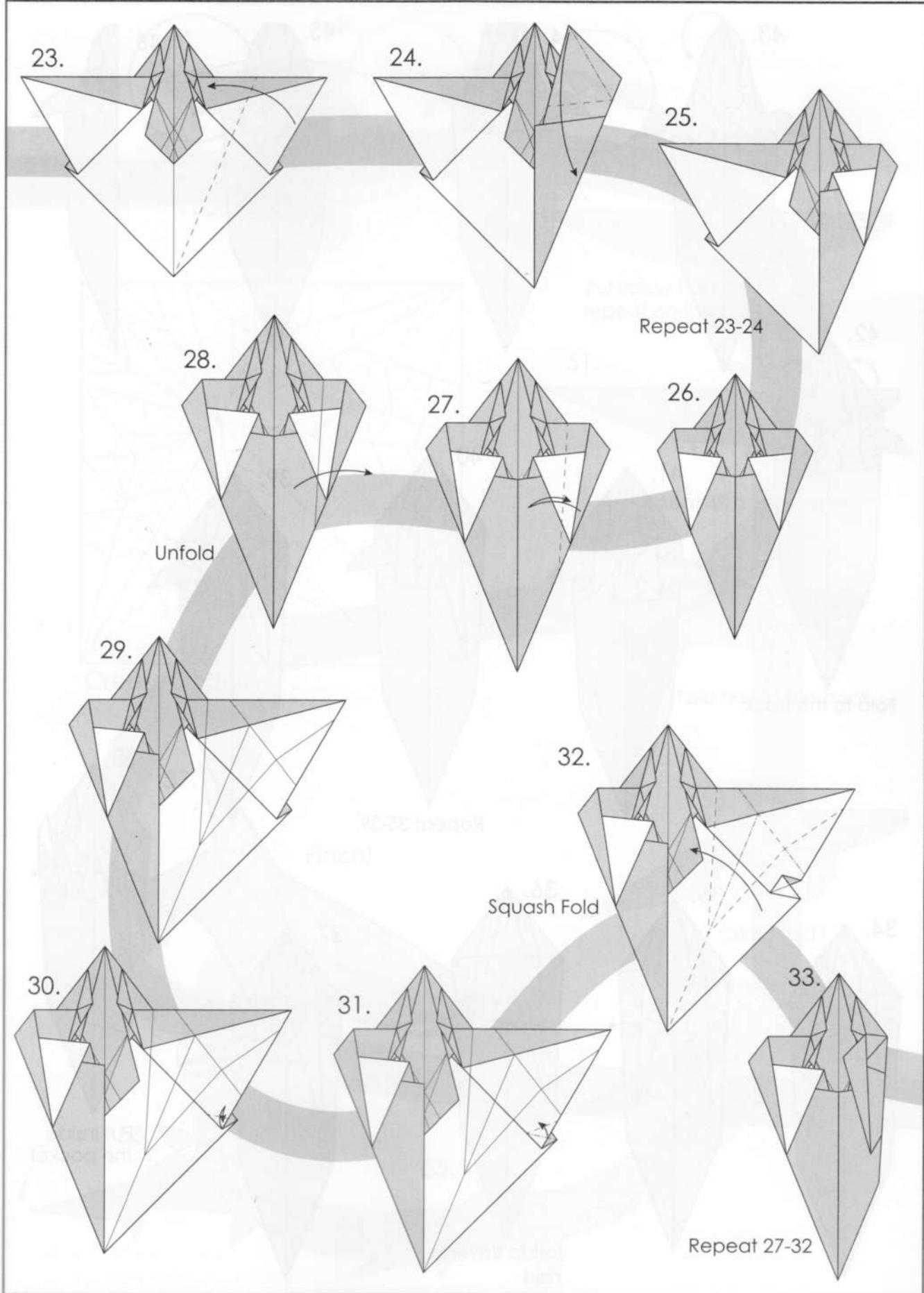
SHARK

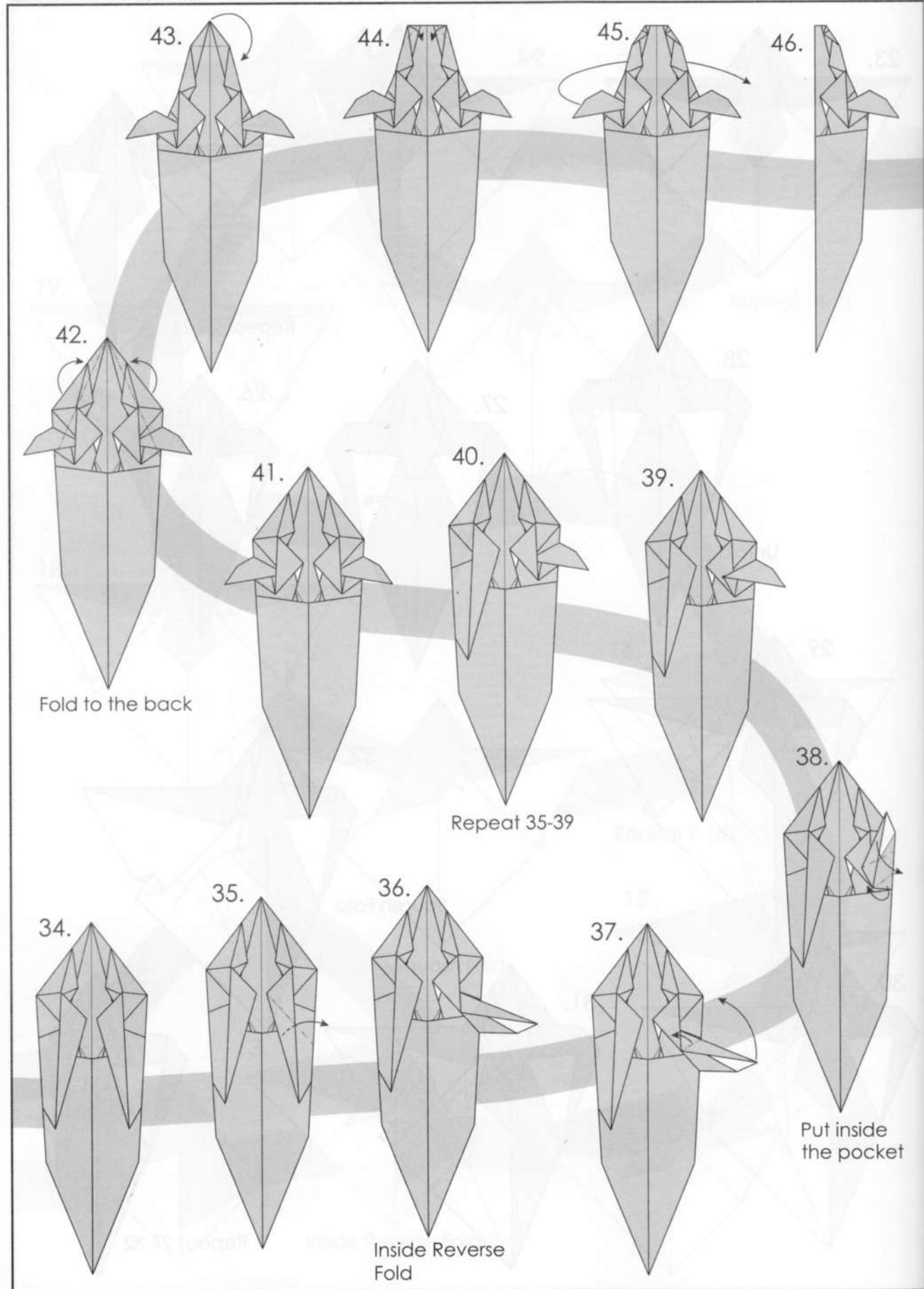
Designed and Diagrammed by :
 Chan Pak Hei, Kade 2015 (Hong Kong)
 © All Rights Reserved.
www.kadechan.com
 Recommended Paper Size : 30x30cm+

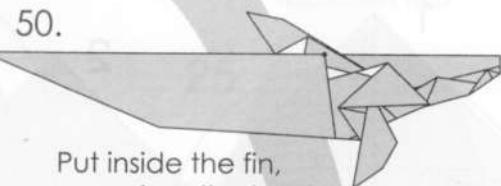
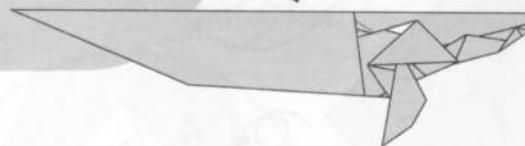
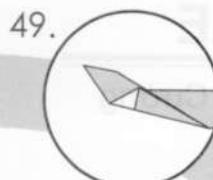
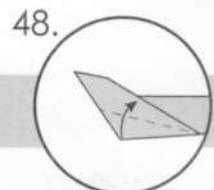
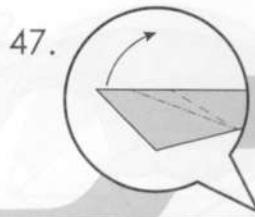


Inside Reverse Fold



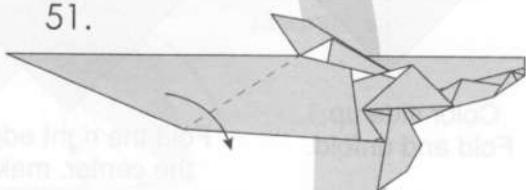






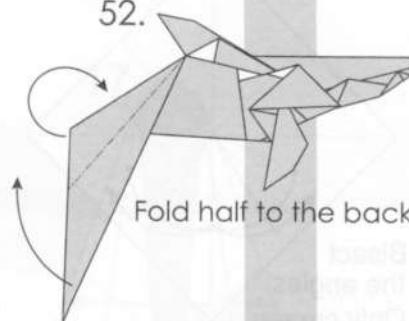
Put inside the fin,
repeat on the back

51.



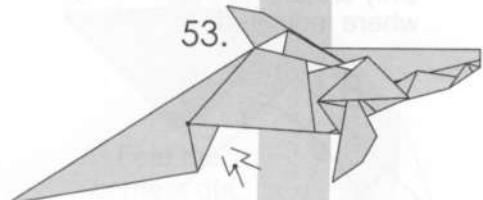
Repeat 48 on the back

52.



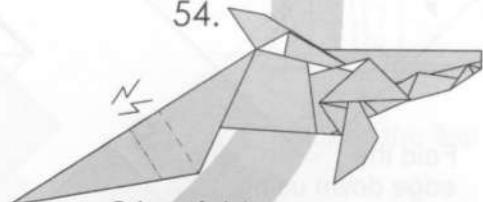
Fold half to the back

53.



Crimp fold

54.



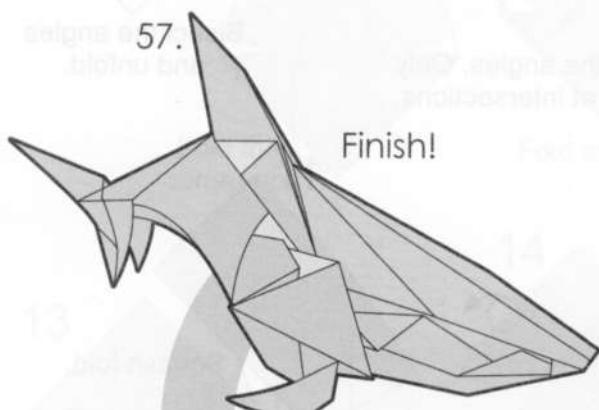
Crimp fold

Crease Pattern

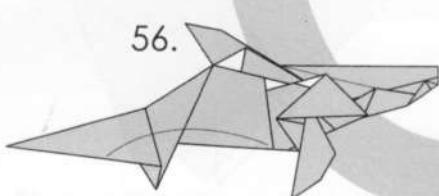
design: 57.

blown away

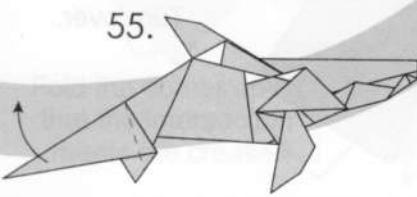
Finish!



56.



55.

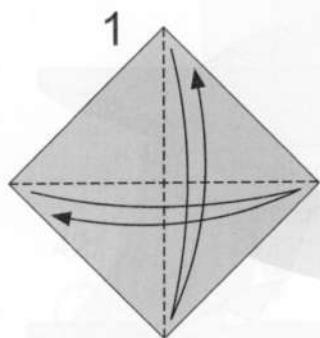


HAPPY WHALE

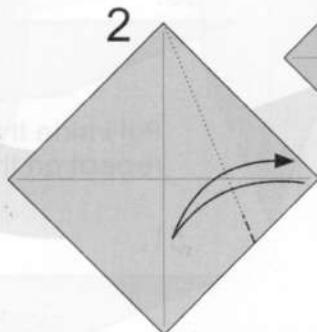
Creator: Nguyễn Hùng Cường

Designed: xx/08/2015

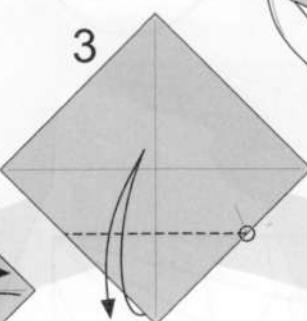
Paper size: 25 x 25 cm



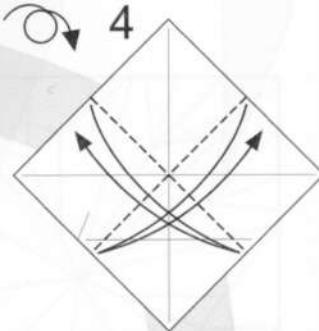
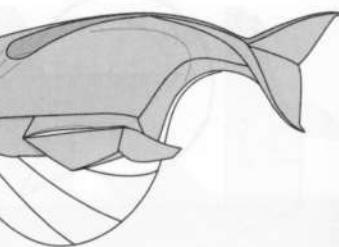
Color side up.
Fold and unfold.



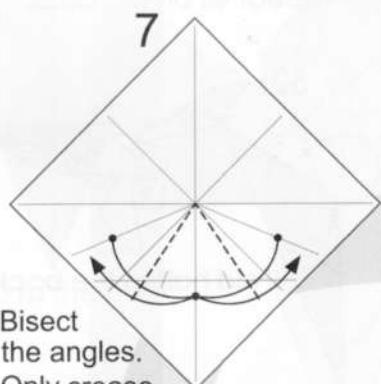
Fold the right edge to
the center, make a
pinch and unfold.



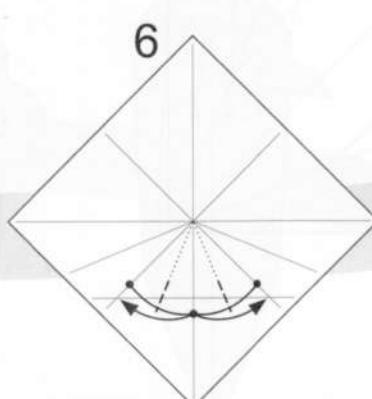
Fold the corner up
and unfold.
Turn over.



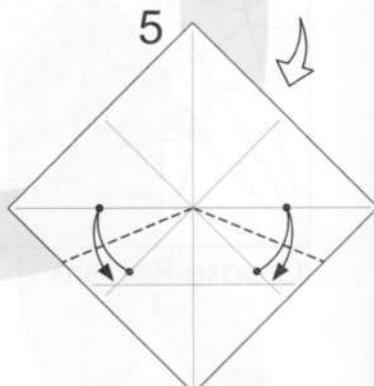
Fold and unfold.



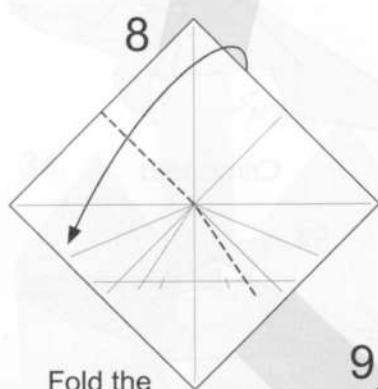
Bisect
the angles.
Only crease
where indicated.



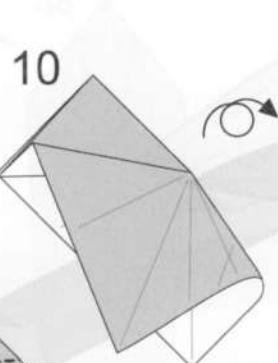
Bisect the angles. Only
crease at intersections.



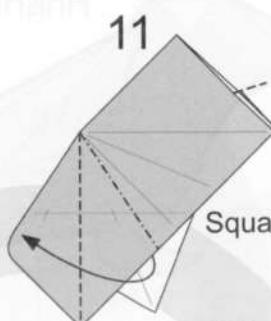
Bisect the angles
and unfold.



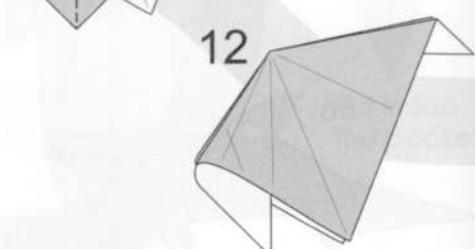
Fold the
edge down using
existing creases.



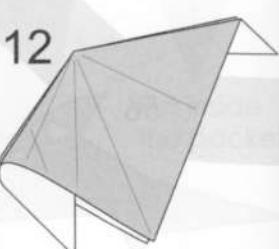
Flatten using
pleat folds.



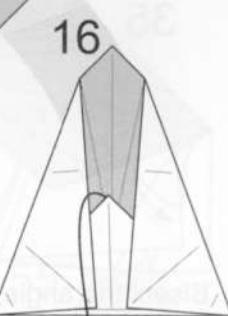
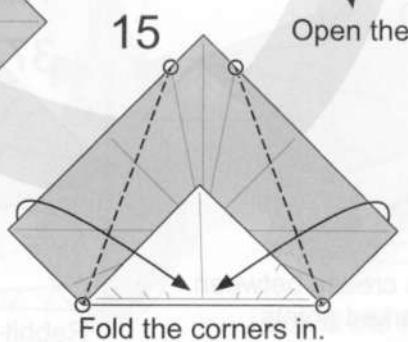
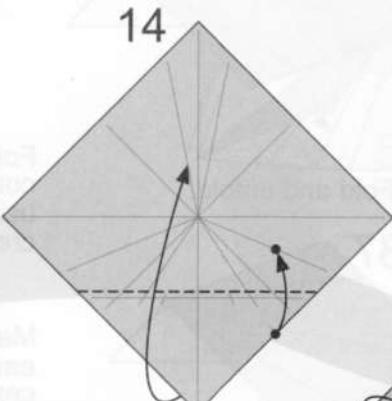
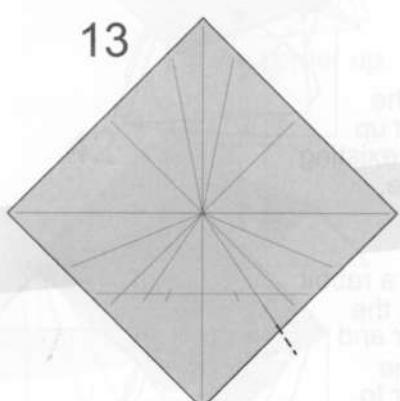
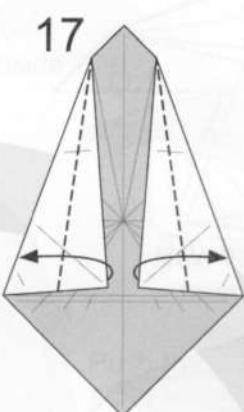
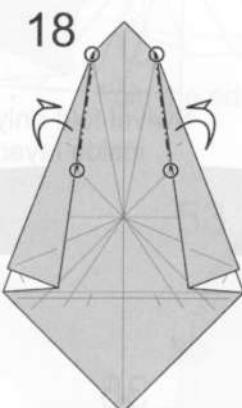
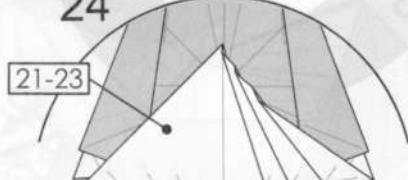
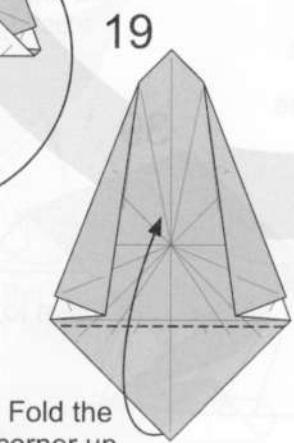
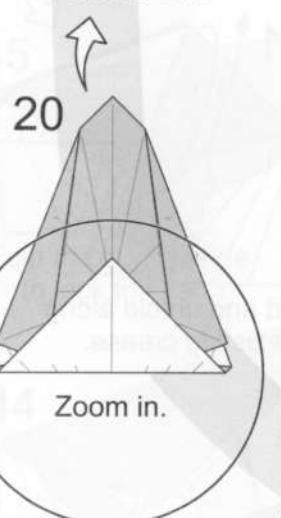
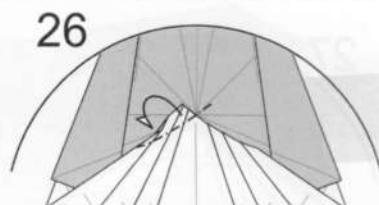
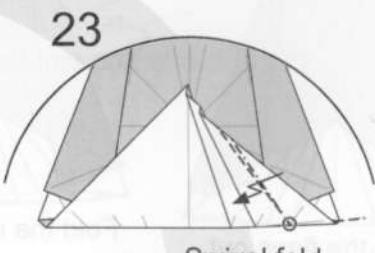
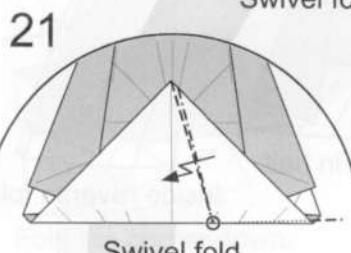
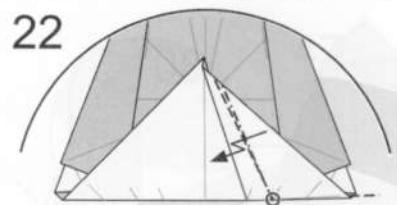
Turn over.

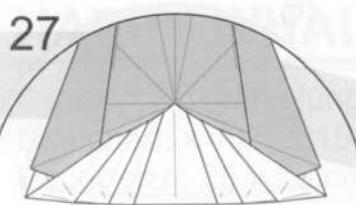


Squash fold.

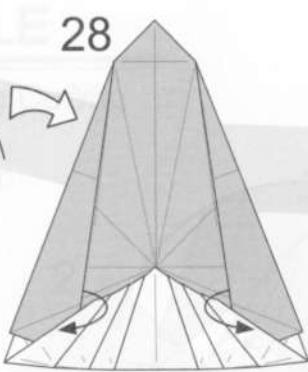


Open to step 8, with
color side up.

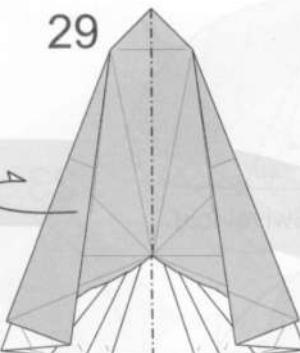




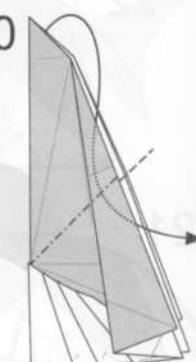
Zoom out.



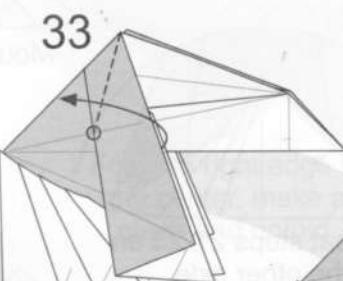
Bring the flaps out.



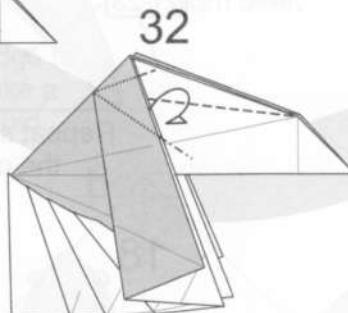
Fold the model in half.



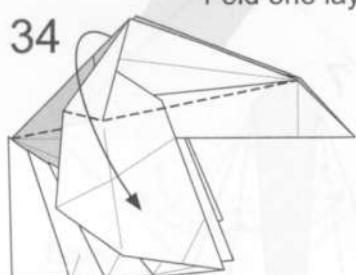
Inside reverse fold.



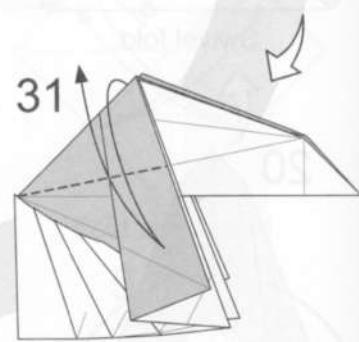
Fold one layer out.



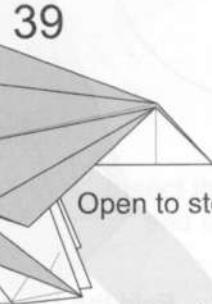
Swivel fold only the
inside layer.



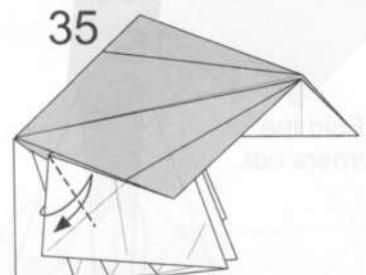
Fold one flap down.



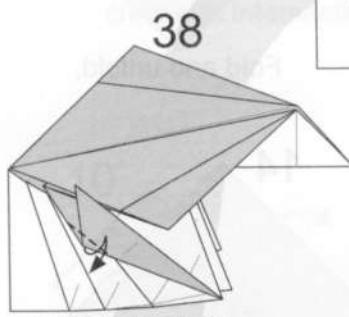
Fold and unfold along
existing crease.



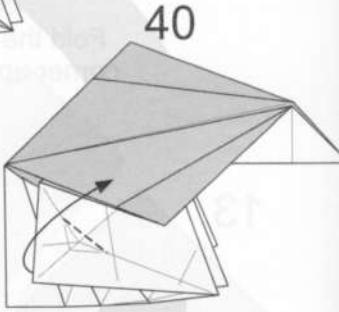
Open to step 37.



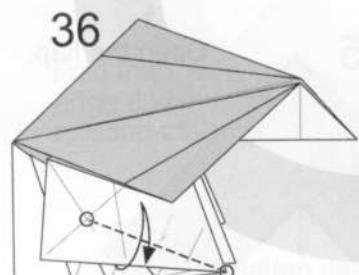
Bisect the angle.



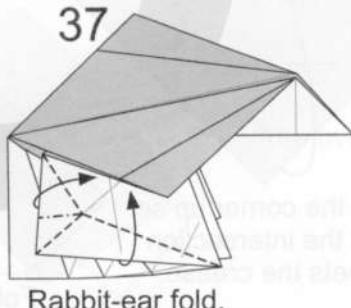
Fold and unfold.



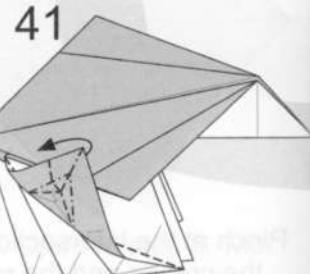
Fold the
corner up
using existing
crease.



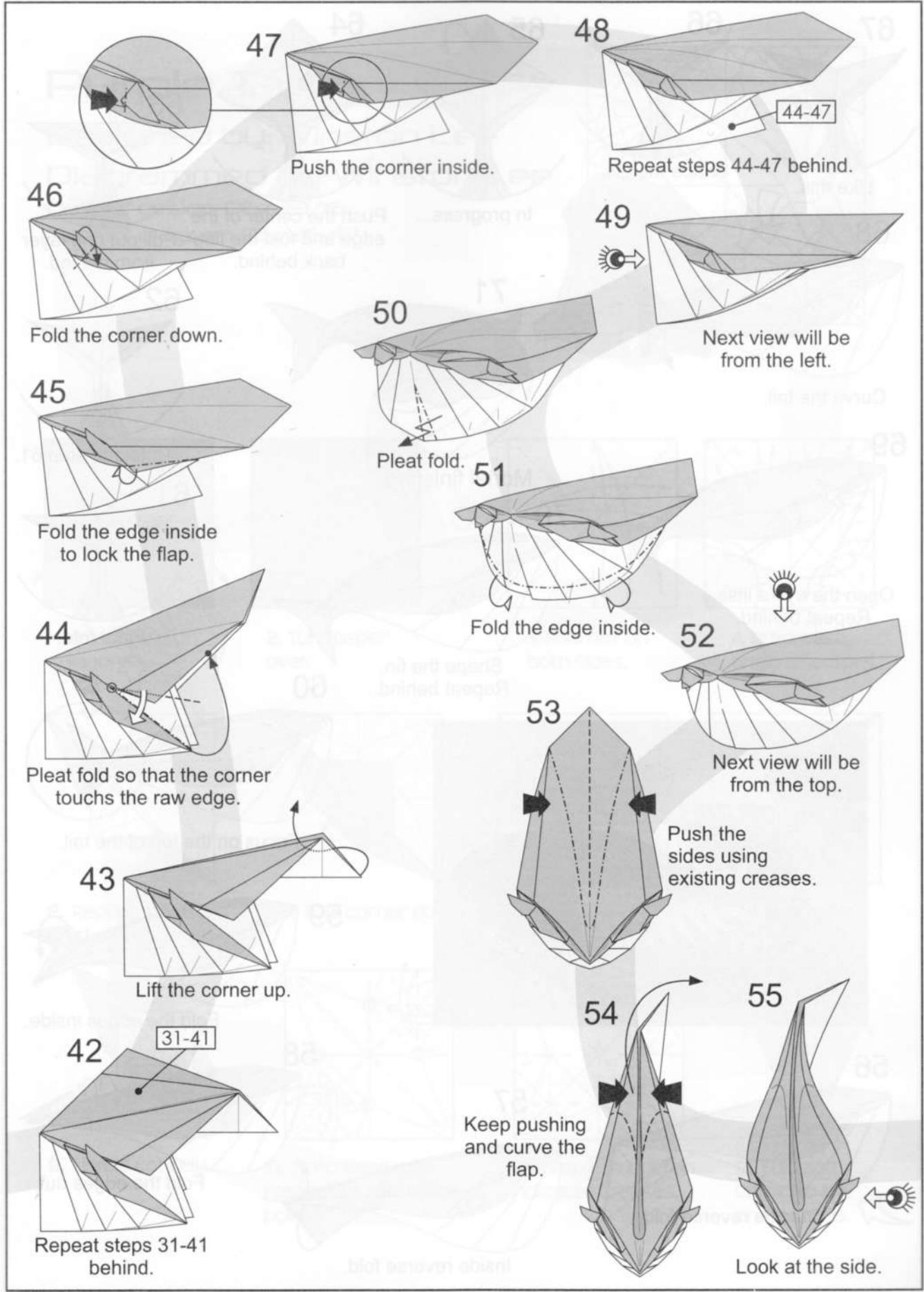
Make a crease between
marked points.

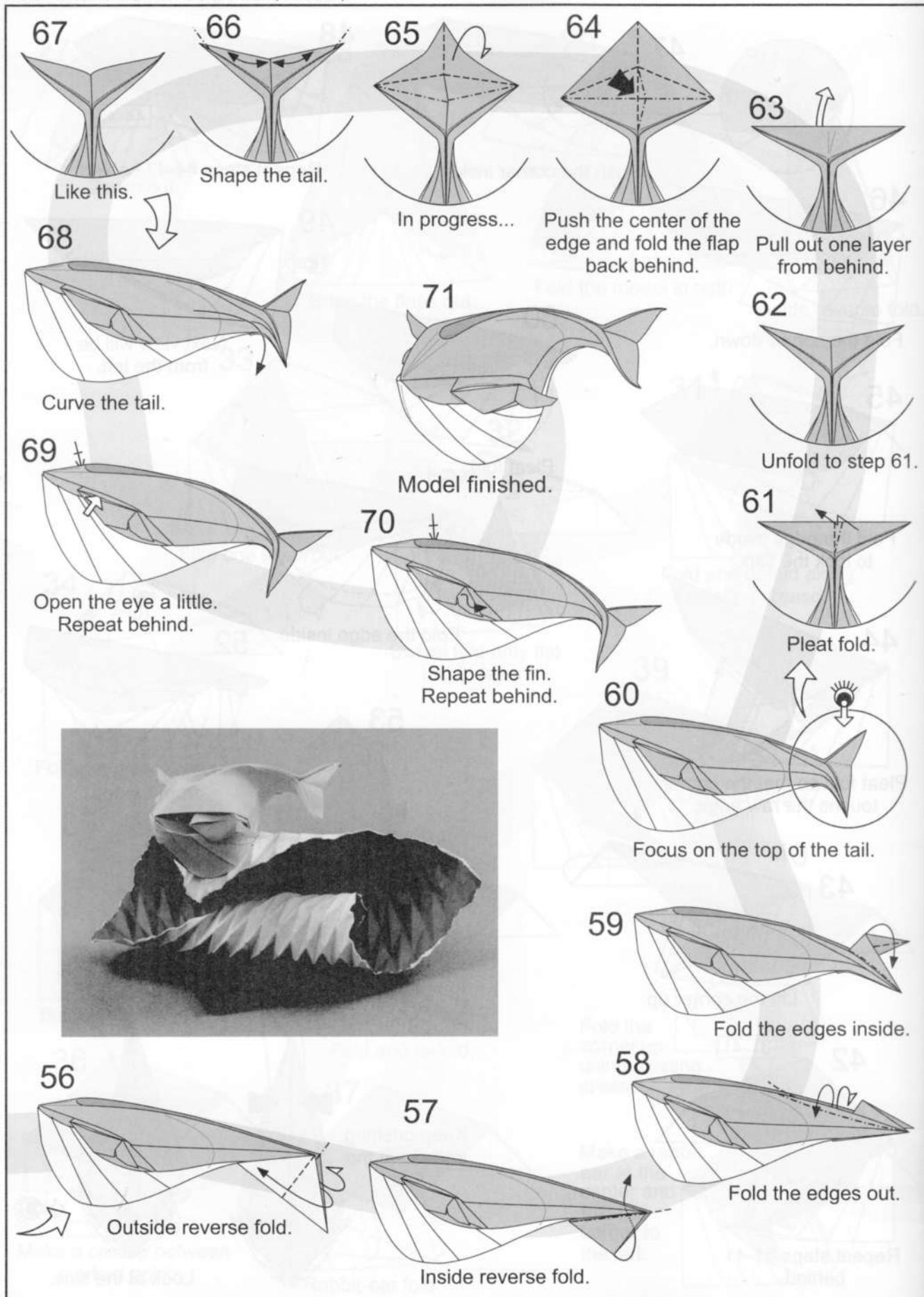


Rabbit-ear fold.



Make a rabbit
ear at the
center and
fold the
corner to
the left.





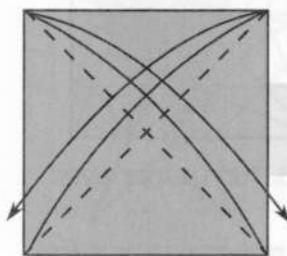
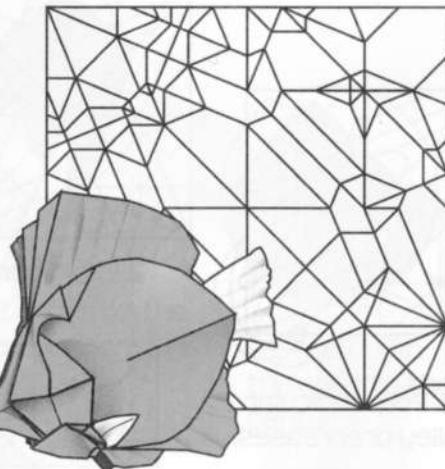
Purple Tang

Designed by: Winston Lee

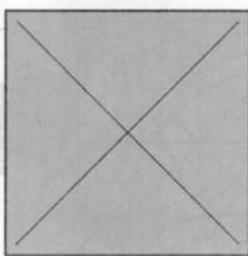
Diagrammed by: Winston Lee

Date of design: 06/23/16

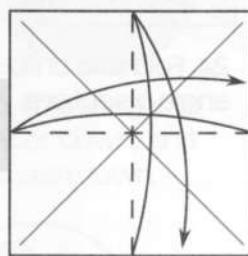
Date of diagram: 05/25/17



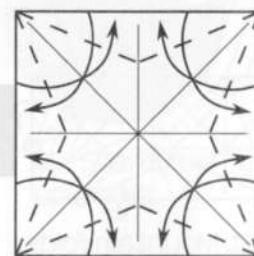
1. Precrease on diagonals.



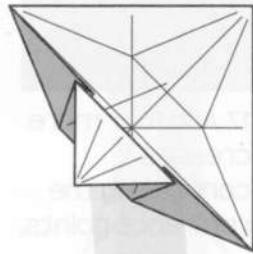
2. Turn paper over.



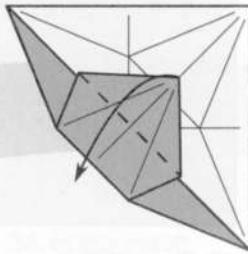
3. Fold half on both sides.



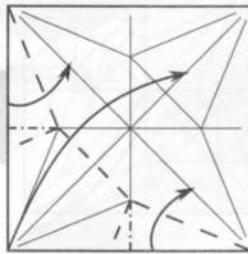
4. Precrease angle bisectors.



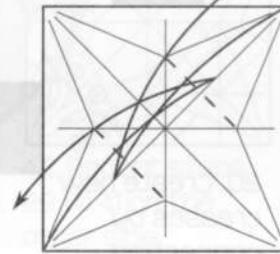
8. Repeat steps 6-7 on the other side.



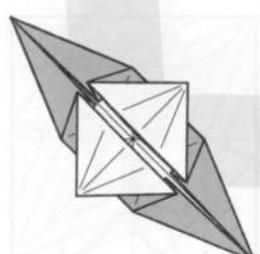
7. Fold corner down.



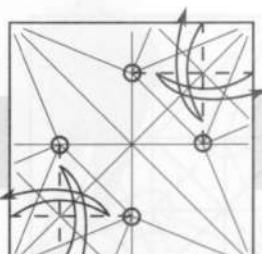
6. Collapse.



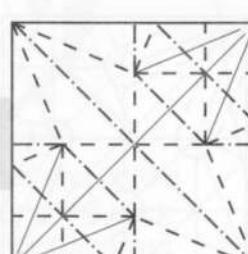
5. Precrease.



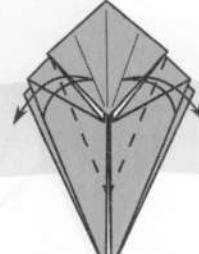
9. Unfold entirely.



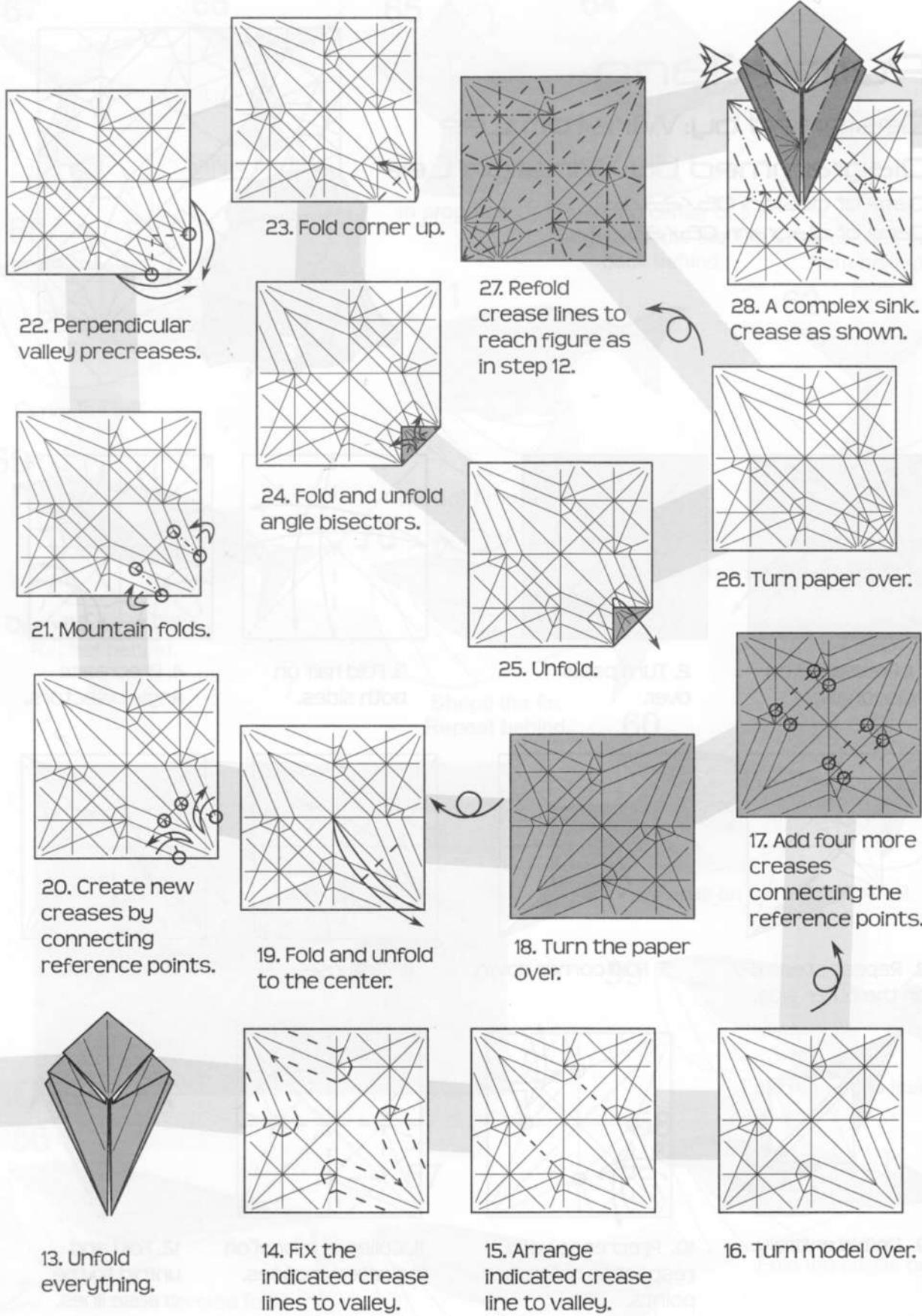
10. Precrease with respect to reference points.



11. Collapse model on indicated creases.

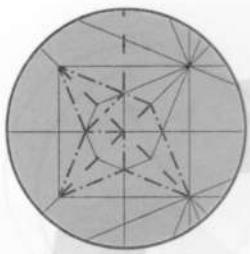


12. Fold and unfold to the crease lines.

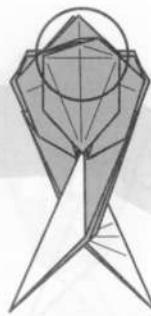




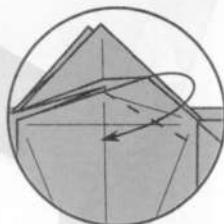
29. Petal fold.



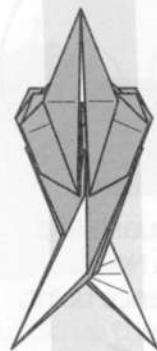
36. Collapse a bird base structure using the precreases made in step 34.



37. Focus on the top portion.



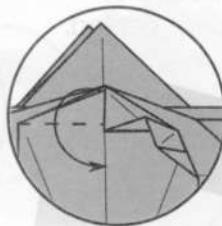
38. Fold down the edge to the center.



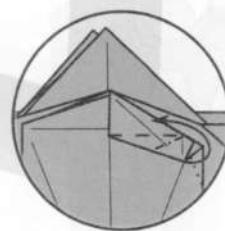
30. Unfold to the previous step.



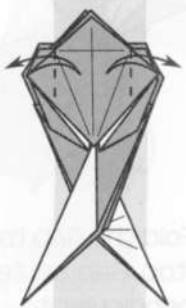
35. Pull the paper out.



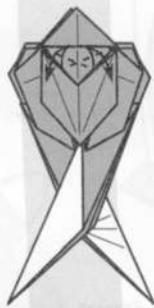
40. Fold a layer of paper down, and squash down.



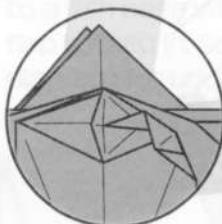
39. Swivel fold upwards.



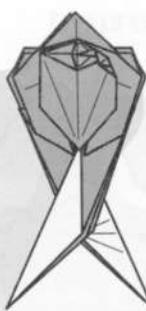
31. Fold and unfold.



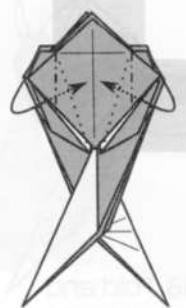
34. Precrease angle bisectors.



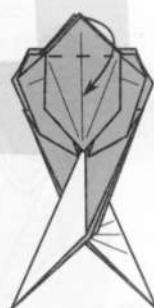
41. Zoom out.



42. Repeat steps 29 to 41 on the other side.



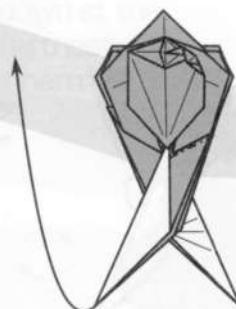
32. Reverse fold inside.



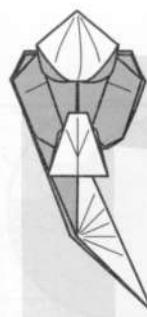
33. Fold down.



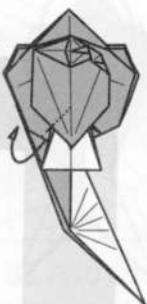
43. Fold and unfold by using the back edge of the fin as a reference line.



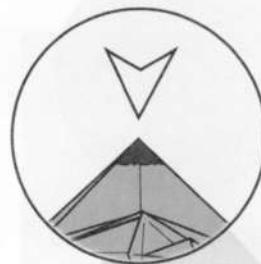
44. Reverse fold evenly and through individual layers.



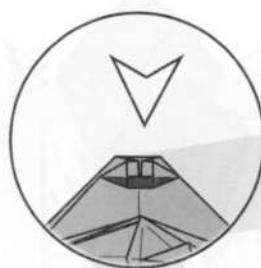
54. Put the flap back down on the model.



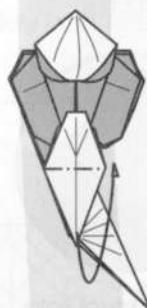
55. Fold a small flap as far back as possible.
Repeat behind.



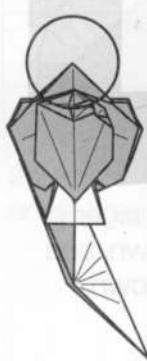
58. Open sink.



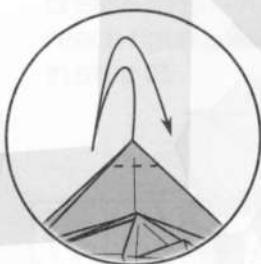
60. Push the indicated flap inside the model to hide it.



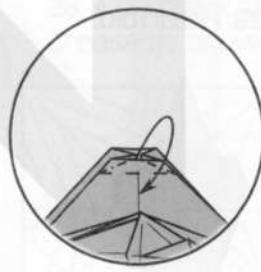
53. Fold flap behind.



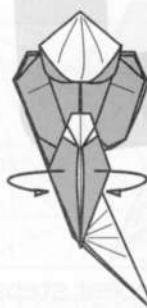
56. Zoom in.



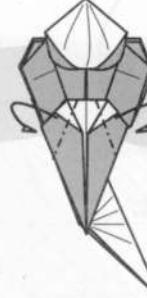
57. Fold and unfold.



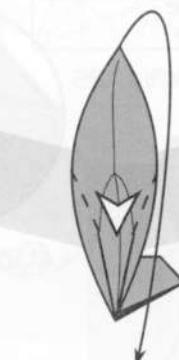
59. Squash fold down. No reference point.



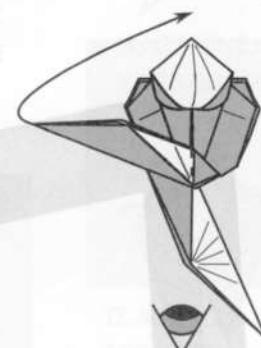
52. Wrap the paper behind.



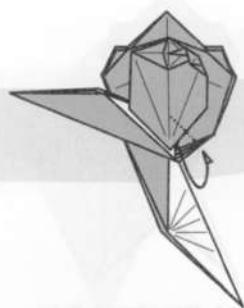
51. Fold the edges behind.



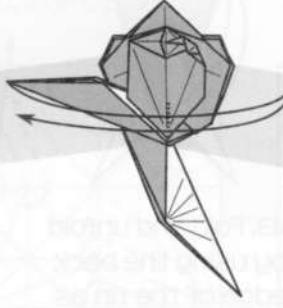
50. View from inside.
Squash down by pushing the inside.



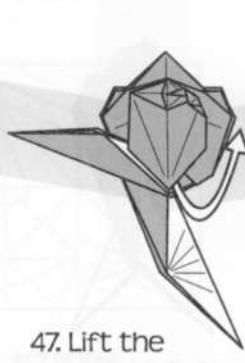
49. Fold the flap to the top. Flap will lie perpendicular to the ground.



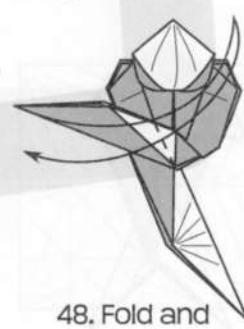
45. Fold back a small flap as far back as you can.
Repeat behind.



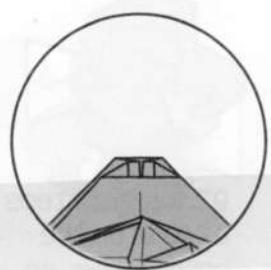
46. Fold and unfold the large flap tucked inside.



47. Lift the front flap up.



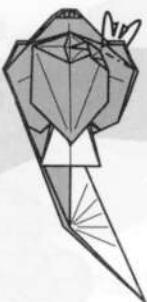
48. Fold and unfold angle bisector of white region.



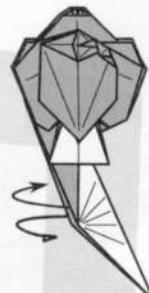
61. Repeat steps 59 to 60 on the other side.



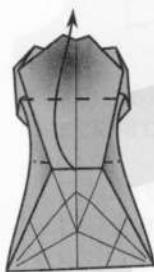
62. Zoom out.



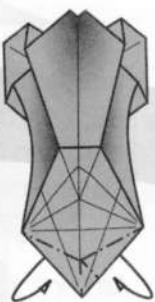
63. Mountain fold.



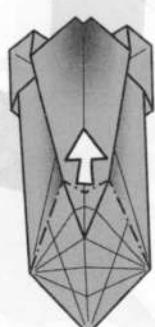
64. Open up the bottom flap.



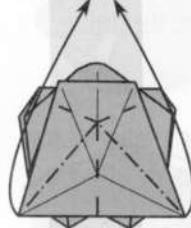
68. Fold up the flap as far up as possible.

67. Mountain fold.
See left diagram again for underside view.

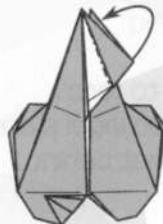
66. Fold behind, similar to a fish base with a flap tucked in. See left diagram for underside view.



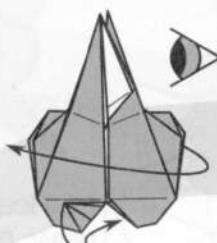
65. Pop up one of the precreases.



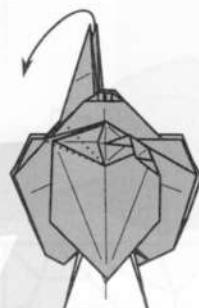
69. Fold up as indicated. See next step for final shape.



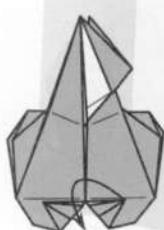
72. Inside reverse fold.



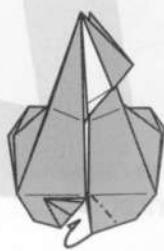
73. Close the model and insert one flap inside the pocket to lock the fin.



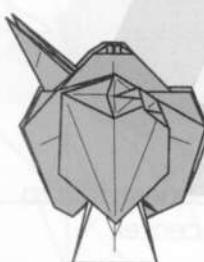
74. Swivel the flap down at the farthest, innermost point.



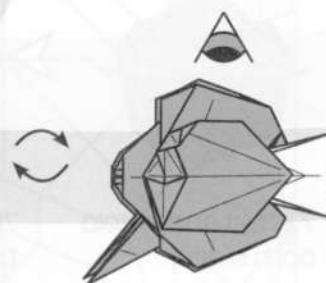
70. Unfold one flap.



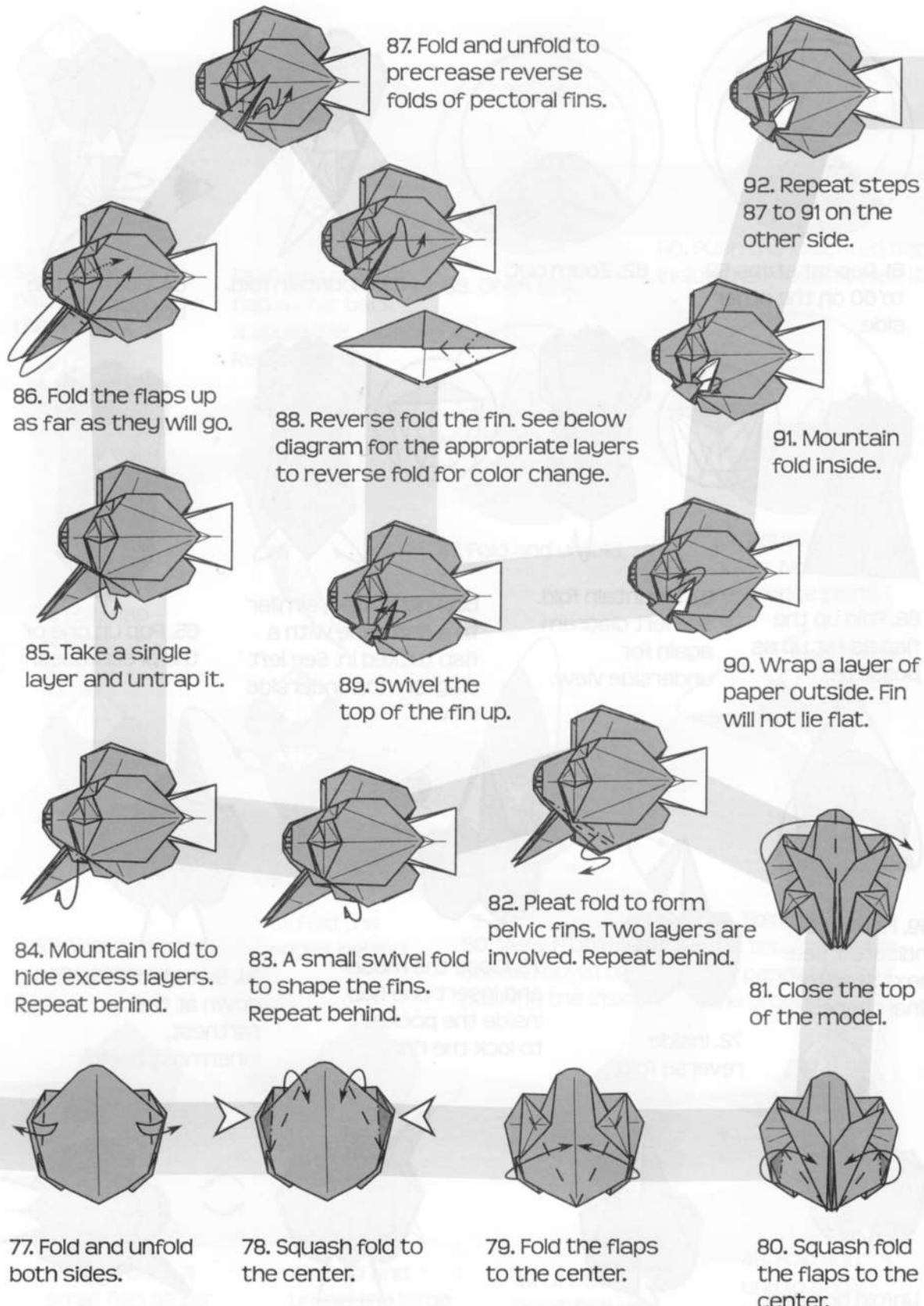
71. Inside reverse fold.

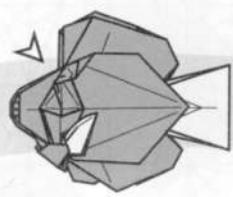


75. Rotate model.

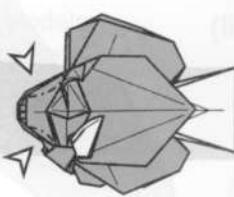


76. View from top.

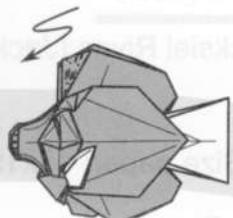




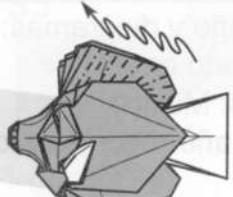
93. Shape the eyes.



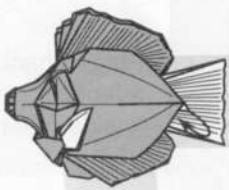
94. Shape the snout and mouth.



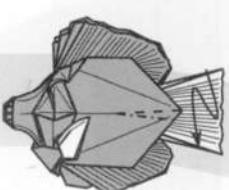
95. Pleat fold the top of the dorsal fin on both sides.



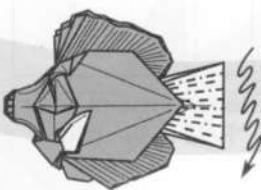
96. Pleat the rest of the fin. You can fold both fin layers simultaneously.



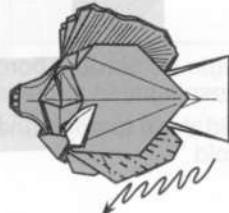
100. Fold the little tip inside to lock the 3-D shape.



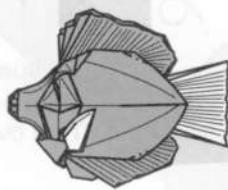
99. Shape the body with a pleat fold. Body will no longer be flat. Repeat behind.



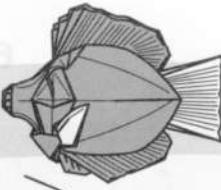
98. Pleat the tail. Paper is very thick.



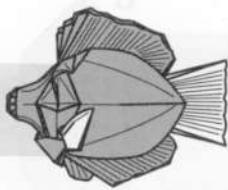
97. Pleat the bottom fin. You can fold both layers simultaneously.



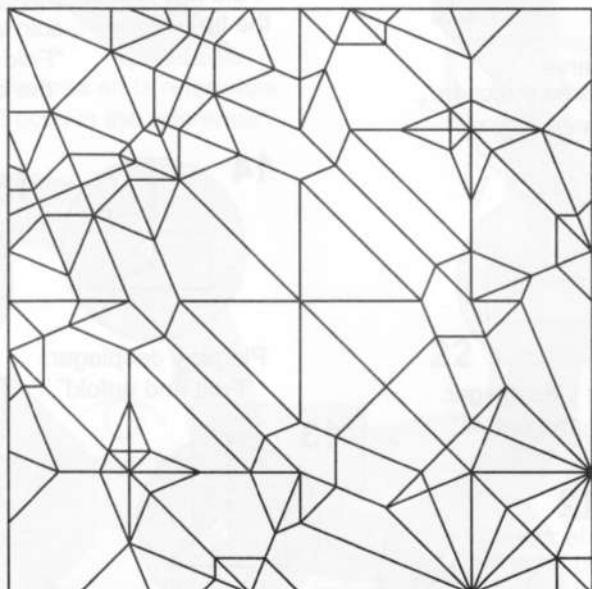
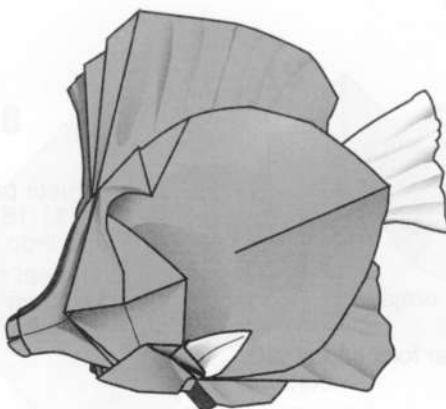
101. Shape the body on both sides.



102. Pleat both pelvic fins.



103. Model complete.



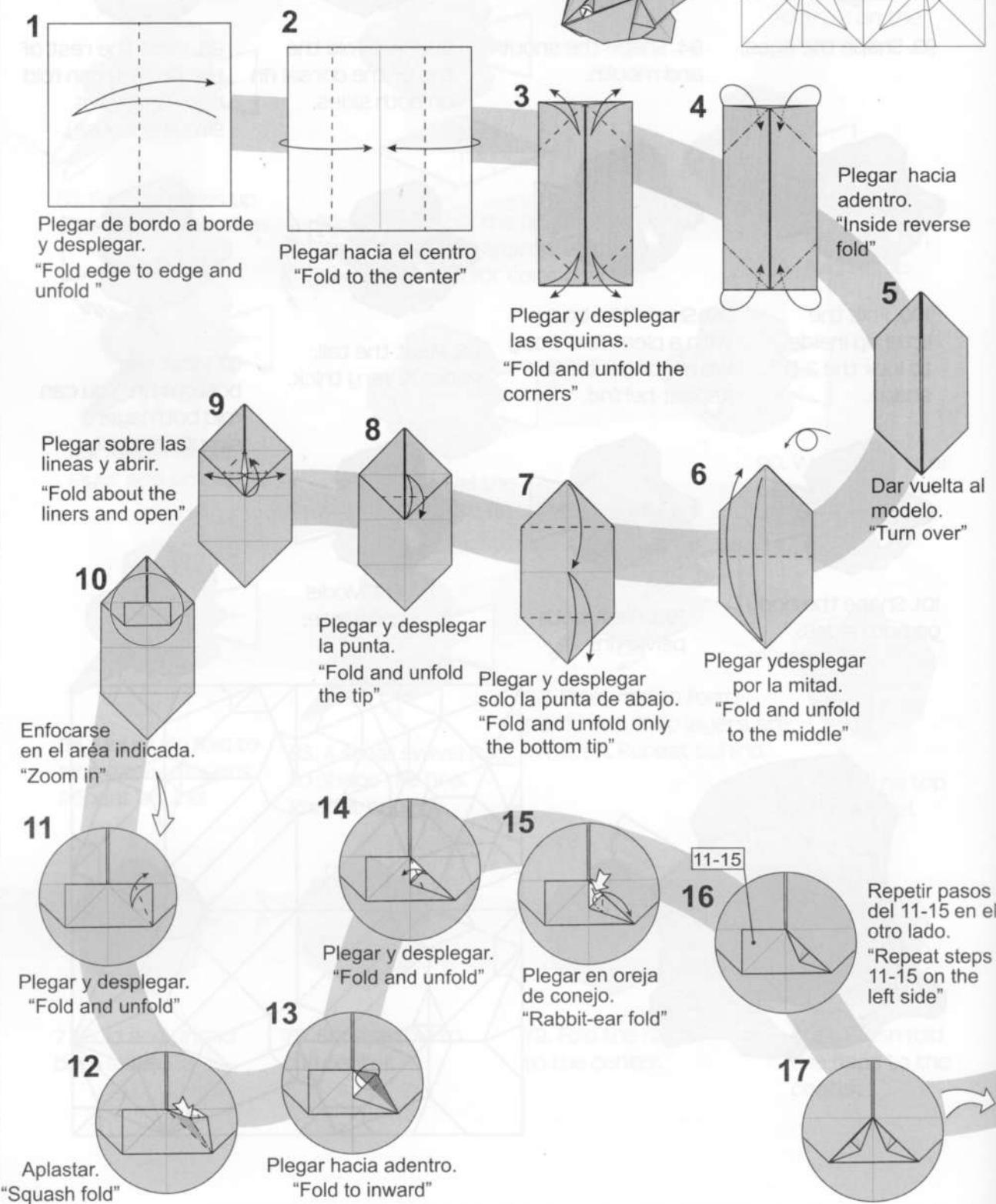
Veiltail goldfish

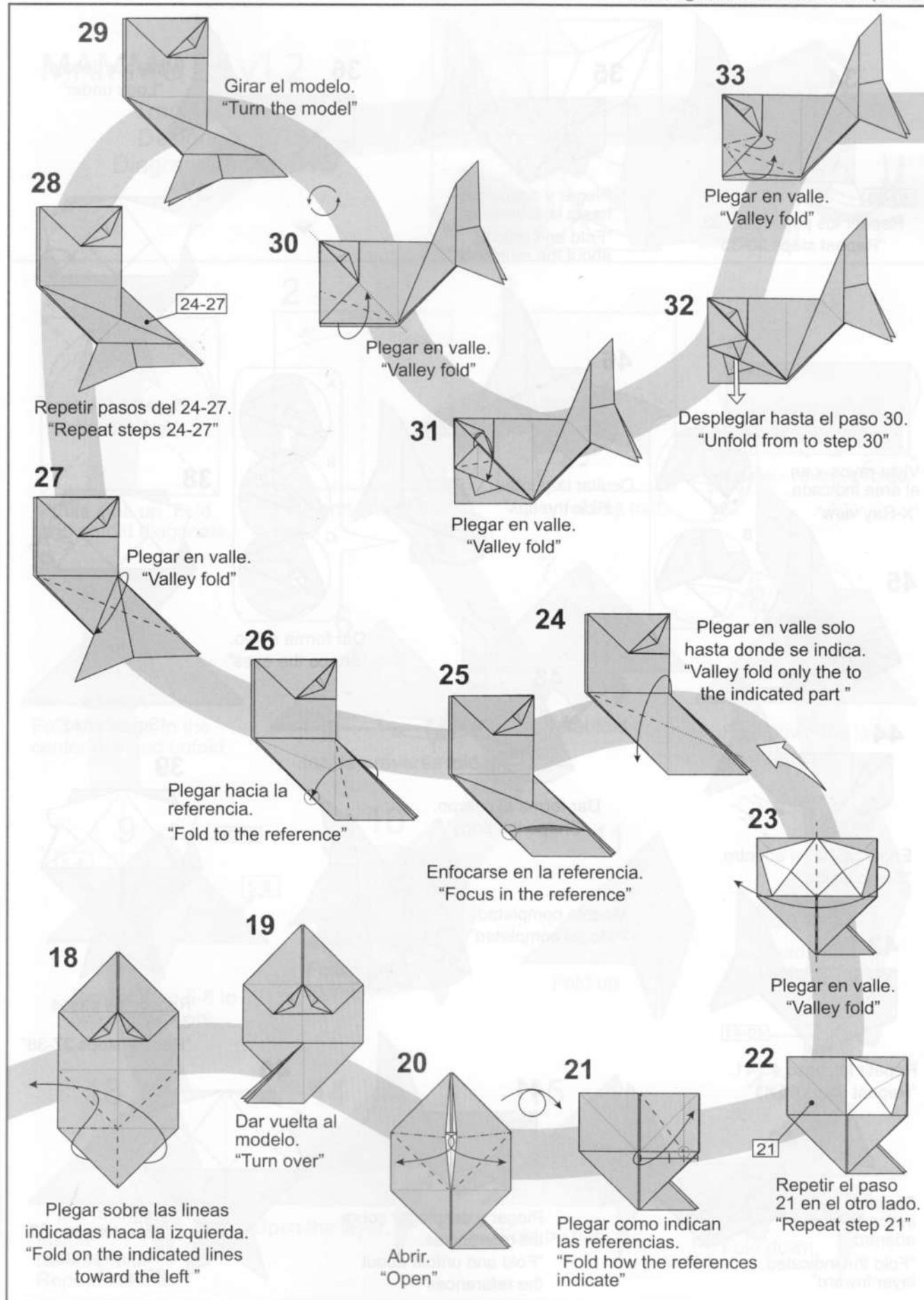
Diseño y diagramas: Jacksiel Rivas (Jack Dreyil)

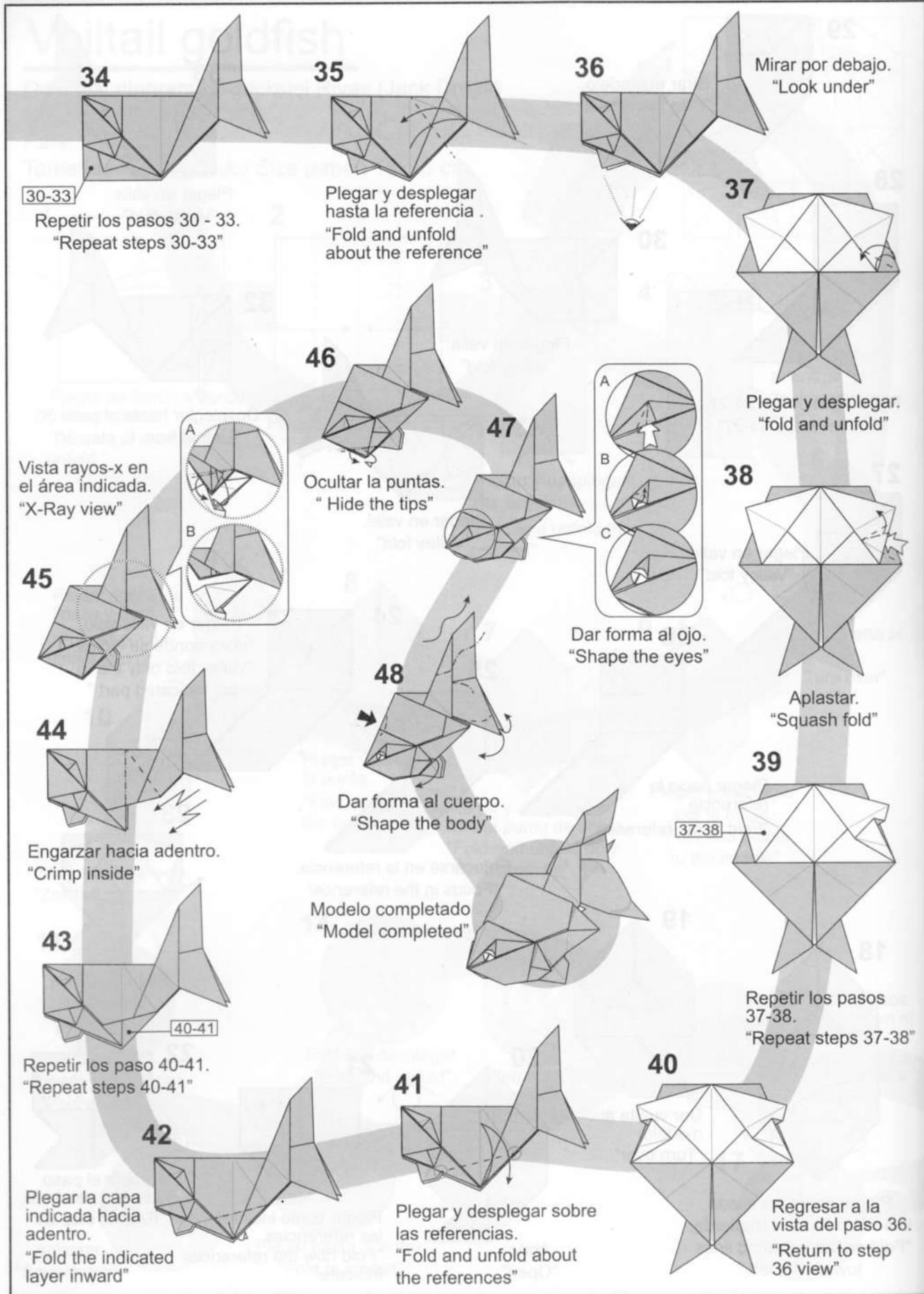
Creado en 2017

País: México

Tamaño recomendado/ Size paper: 15x15 cm.





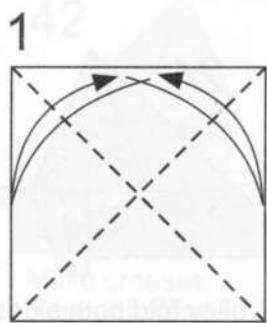
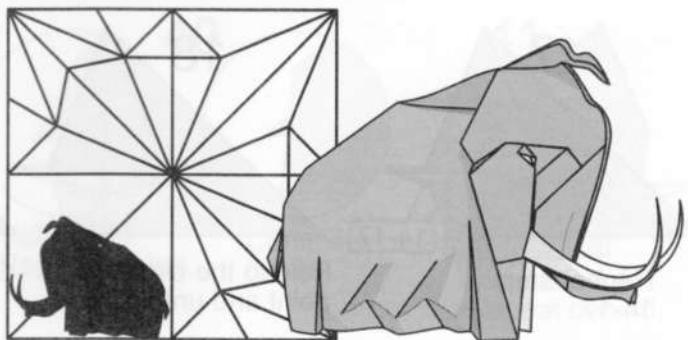


MAMMOTH v1.2

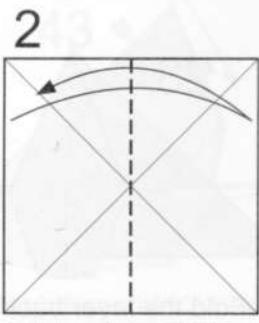
Tran Trung Hieu

Designed: 2015

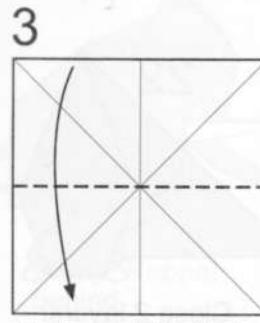
Diagramed: 06/2017



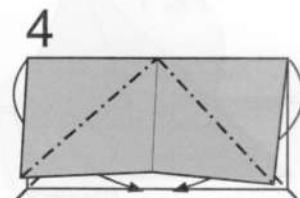
White side up. Fold and unfold diagonals.



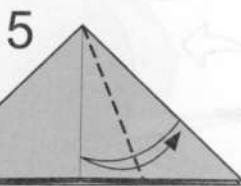
Fold and unfold by half.



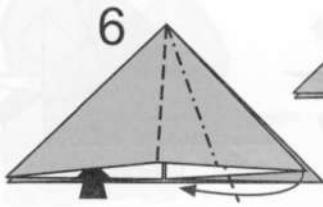
Valley fold by half.



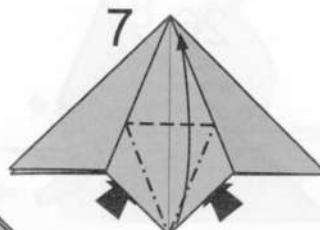
Inside - reverse folds.



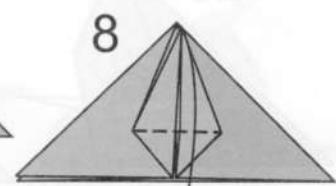
Fold the edge to the center line and unfold.



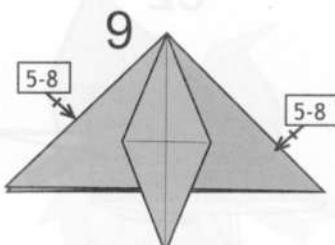
Inside - reverse fold.



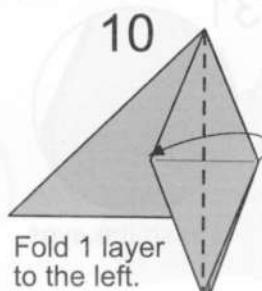
Petal fold.



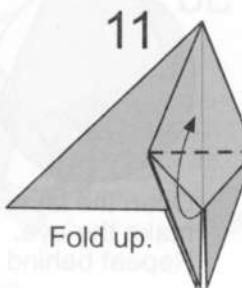
Fold down the layer.



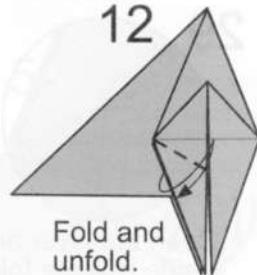
Repeat step 5-8 to two other layers.



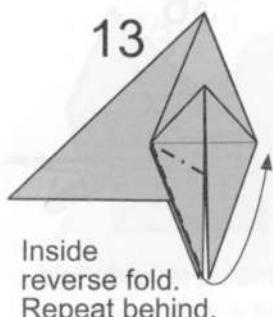
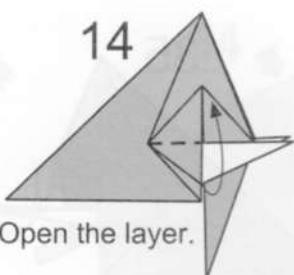
Fold 1 layer to the left.



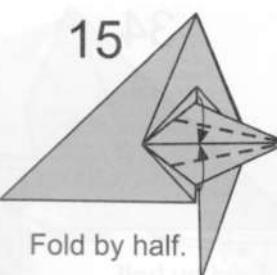
Fold up.



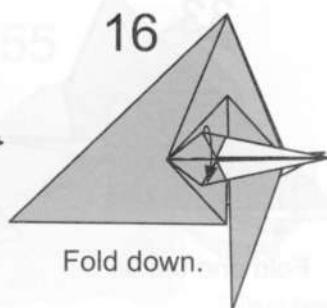
Fold and unfold.

Inside reverse fold.
Repeat behind.

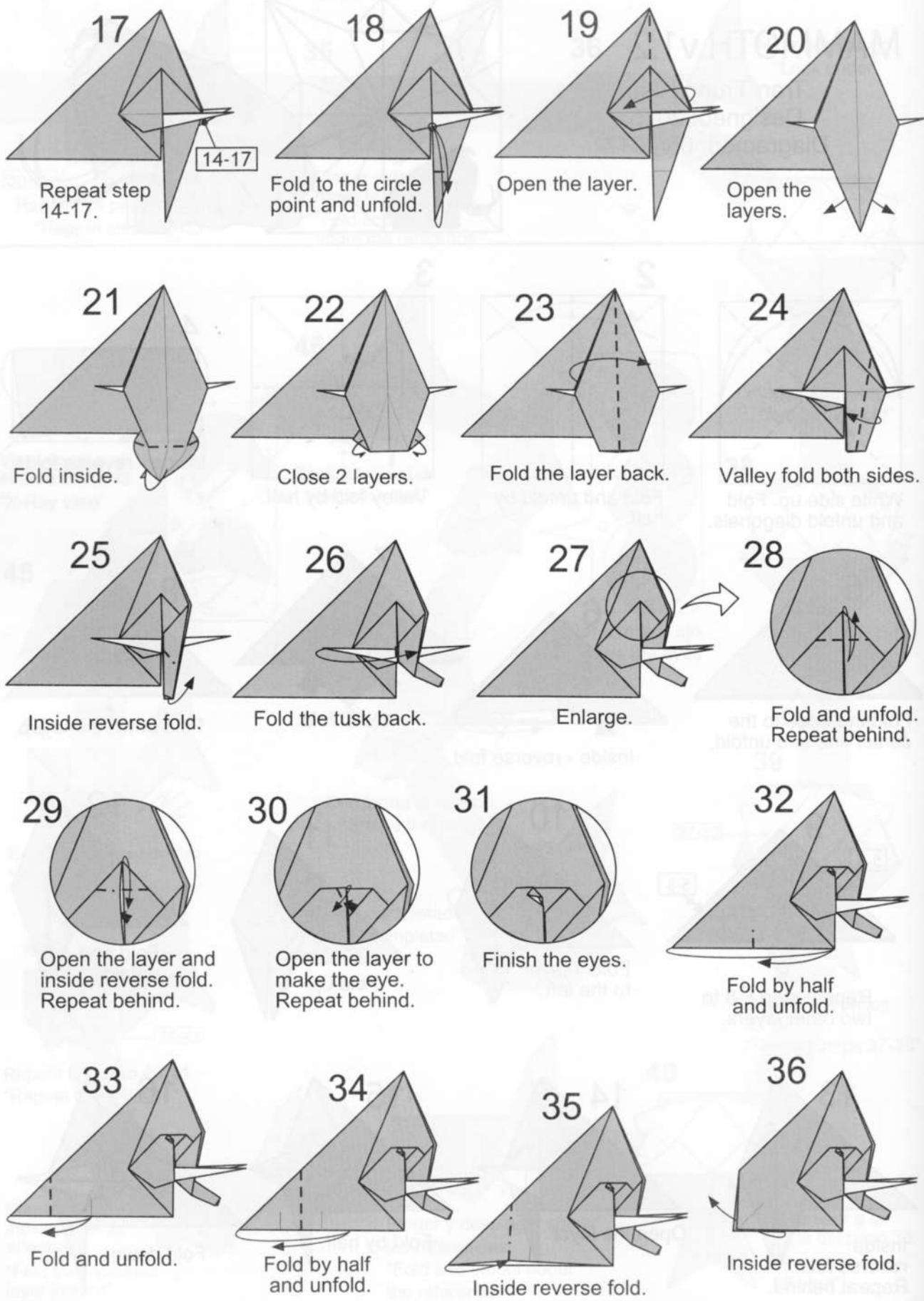
Open the layer.

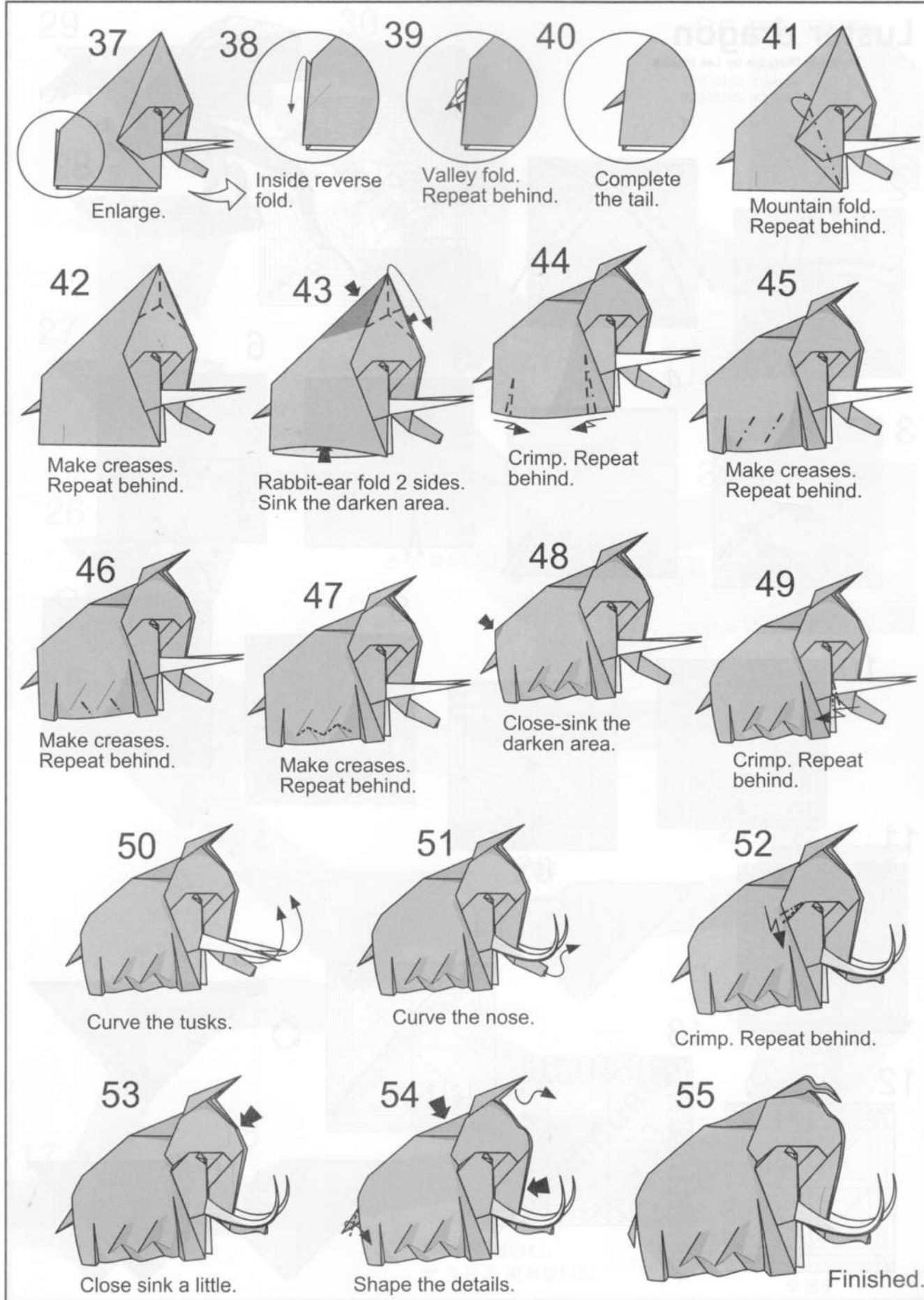


Fold by half.



Fold down.





Luster dragon

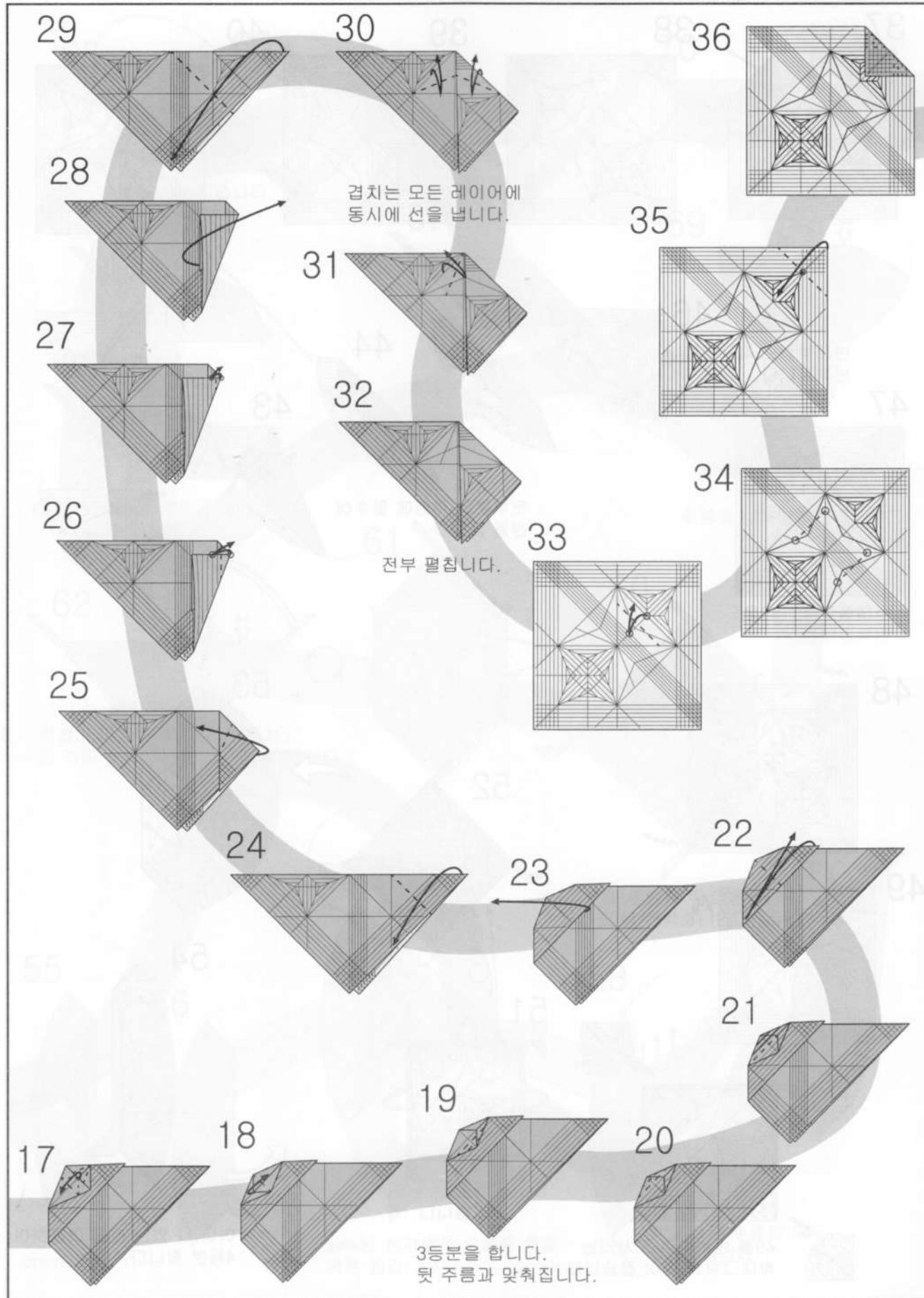
Model & Diagram by Lee Inseop

Model 2013/7/27

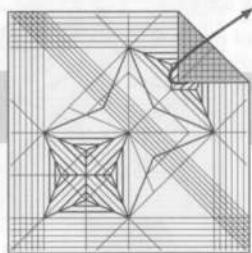
Diagram 2016/9/28

262 第23回折紙探偵団コンペティション折り図集 vol.23 2017年

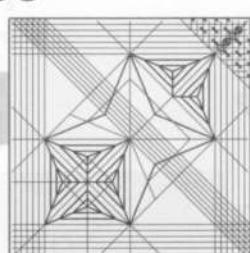
23rd Origami Tanteidan Convention 2017



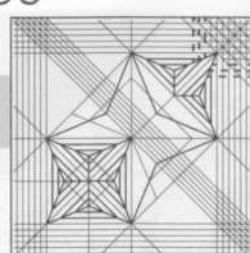
37



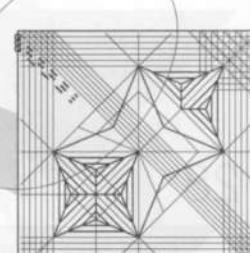
38



39



40



46



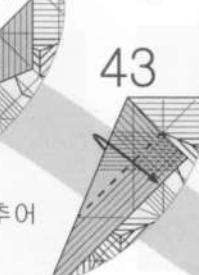
45



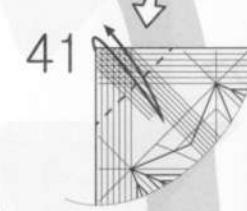
44



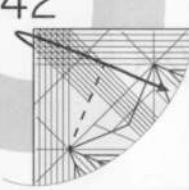
43



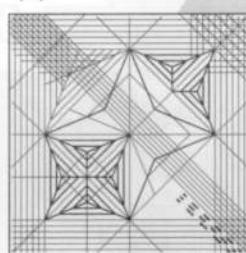
41



42

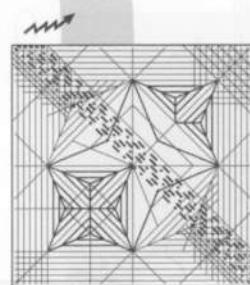


47

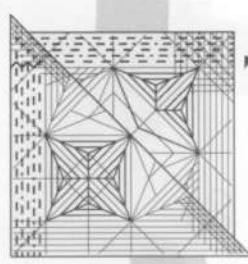


반대방향도 42-45를
반복합니다.

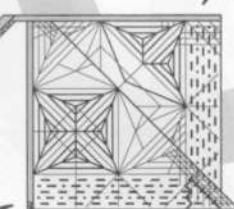
48



49

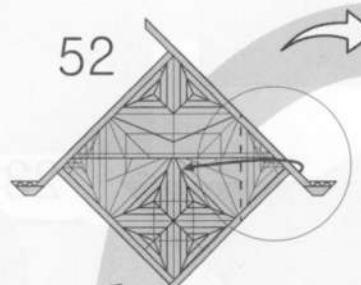


50

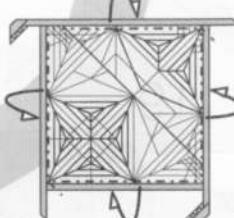


49를 반복하며 모서리는
확대그림과 같이 접습니다.

52

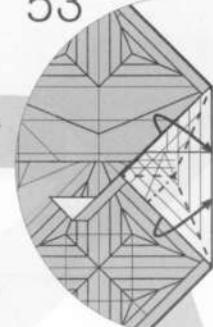


51

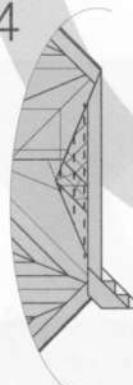


위집니다.

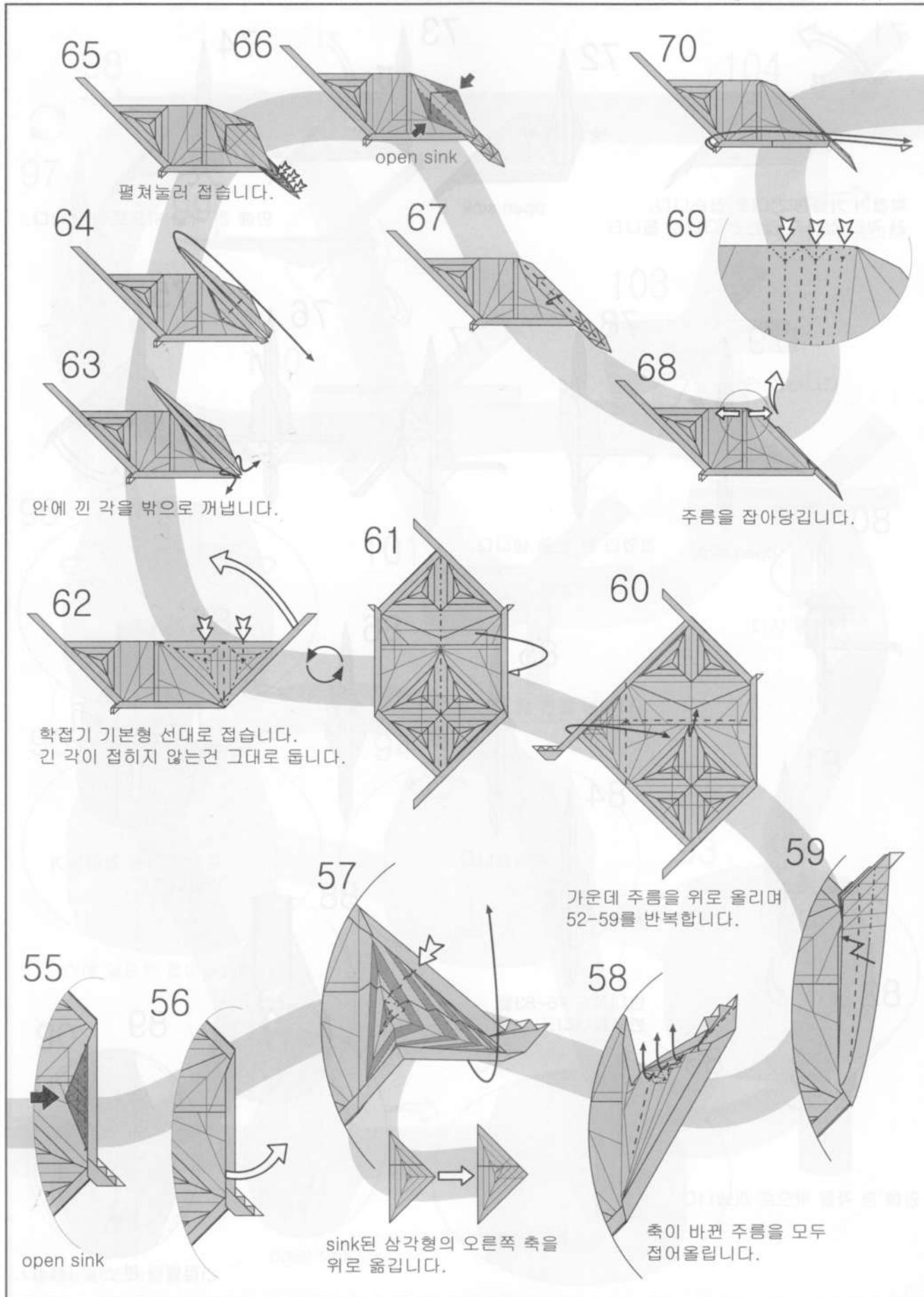
53



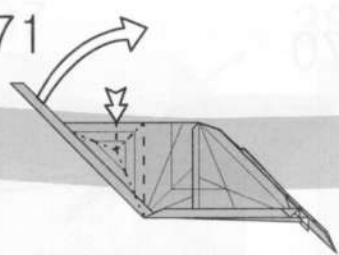
54



이미 나 있는 선을 이용하여
4등분 합니다.



71



72

73

74

학접기 기본형 선대로 접습니다.
긴 각이 접하지 않는건 그대로 둡니다.

open sink

안에 낀 각을 밖으로 꺼냅니다.

79

78

77

76

75

80

open sink

접었다 편 선을 낱니다.

81

84

뒤집습니다.

85

86

87

표시된 ○를 잡아당겨
내립니다.

82

반대쪽도 76-83을
반복합니다.

83

안에 낀 각을 밖으로 꺼냅니다.

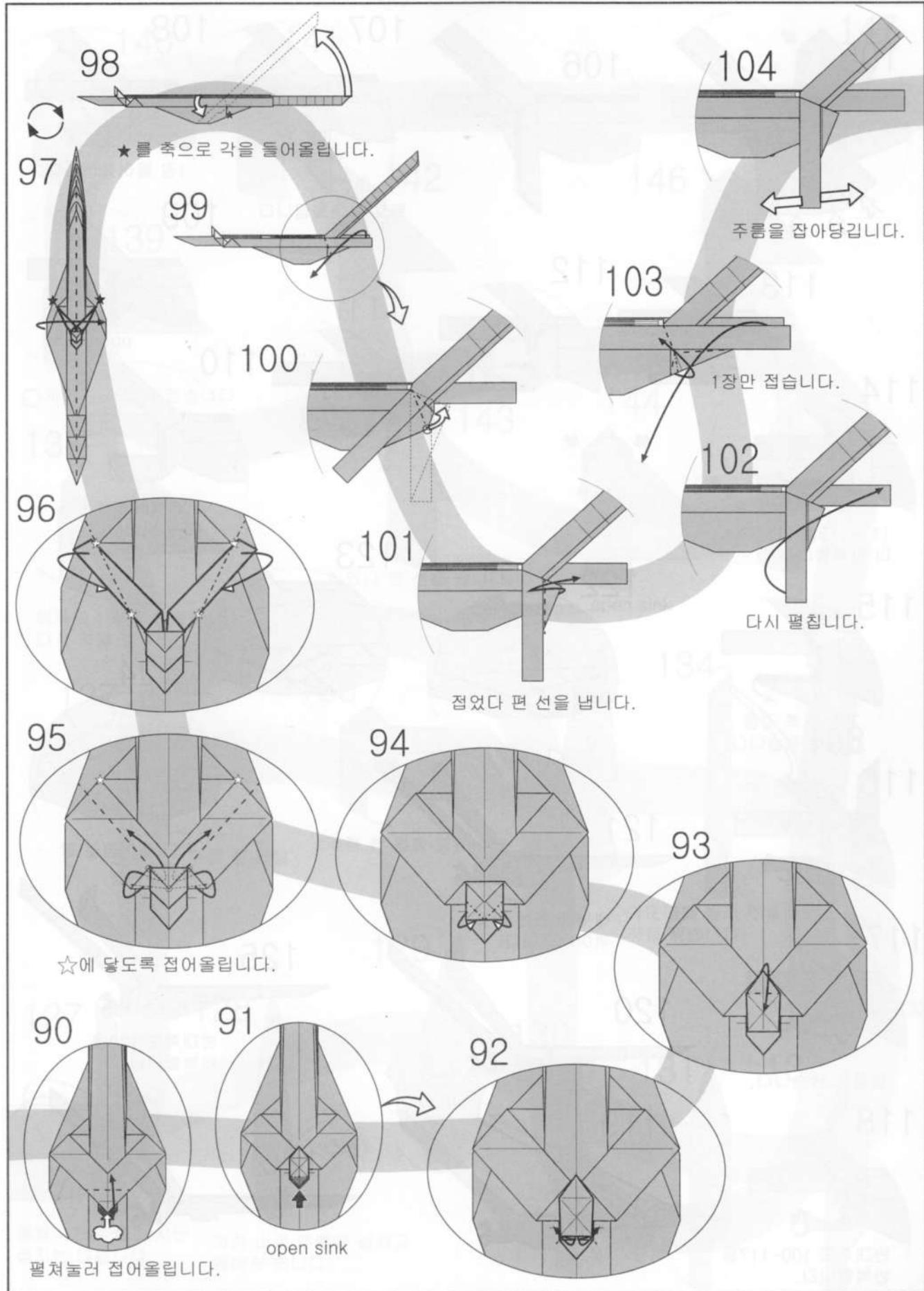
88

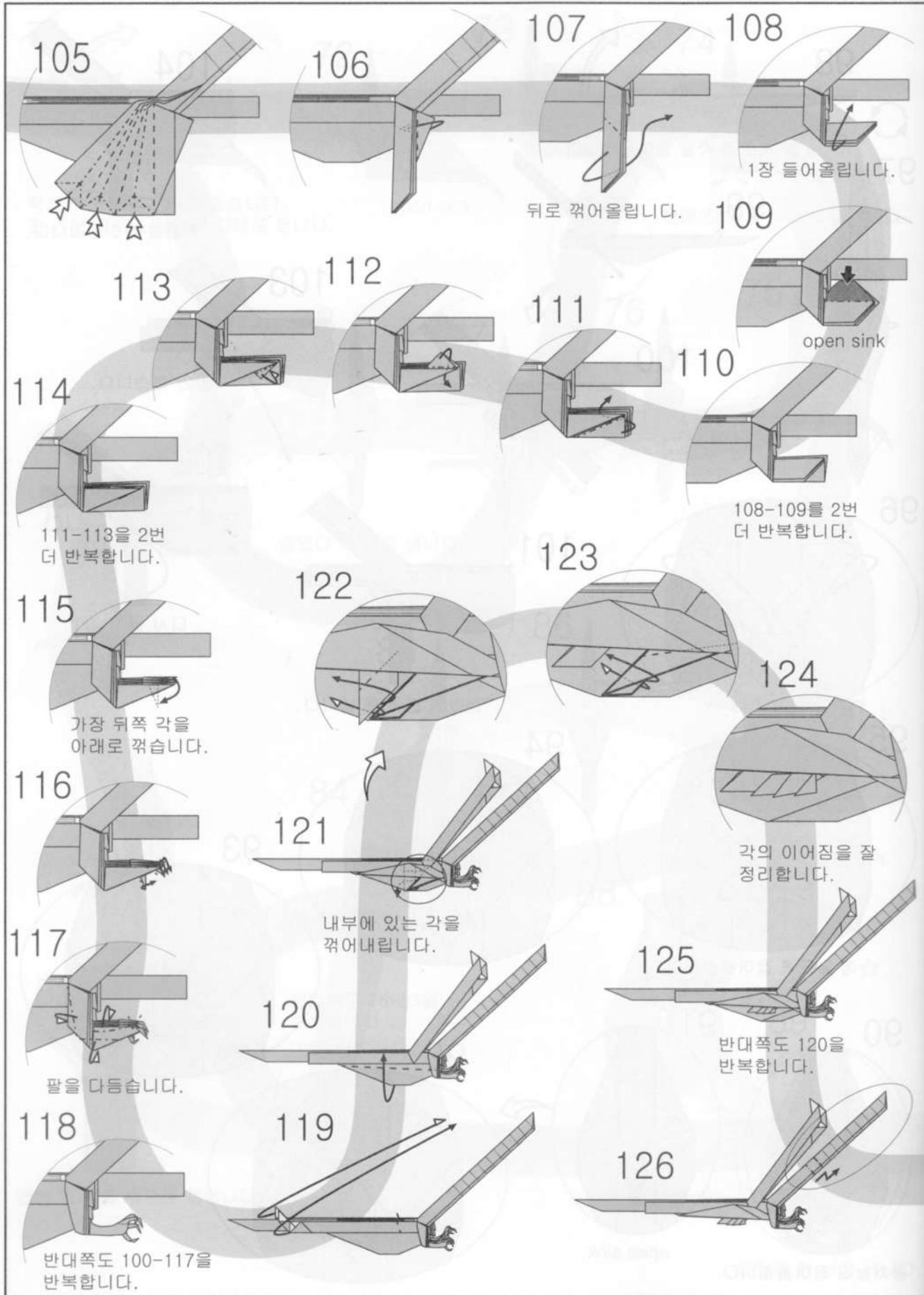
89

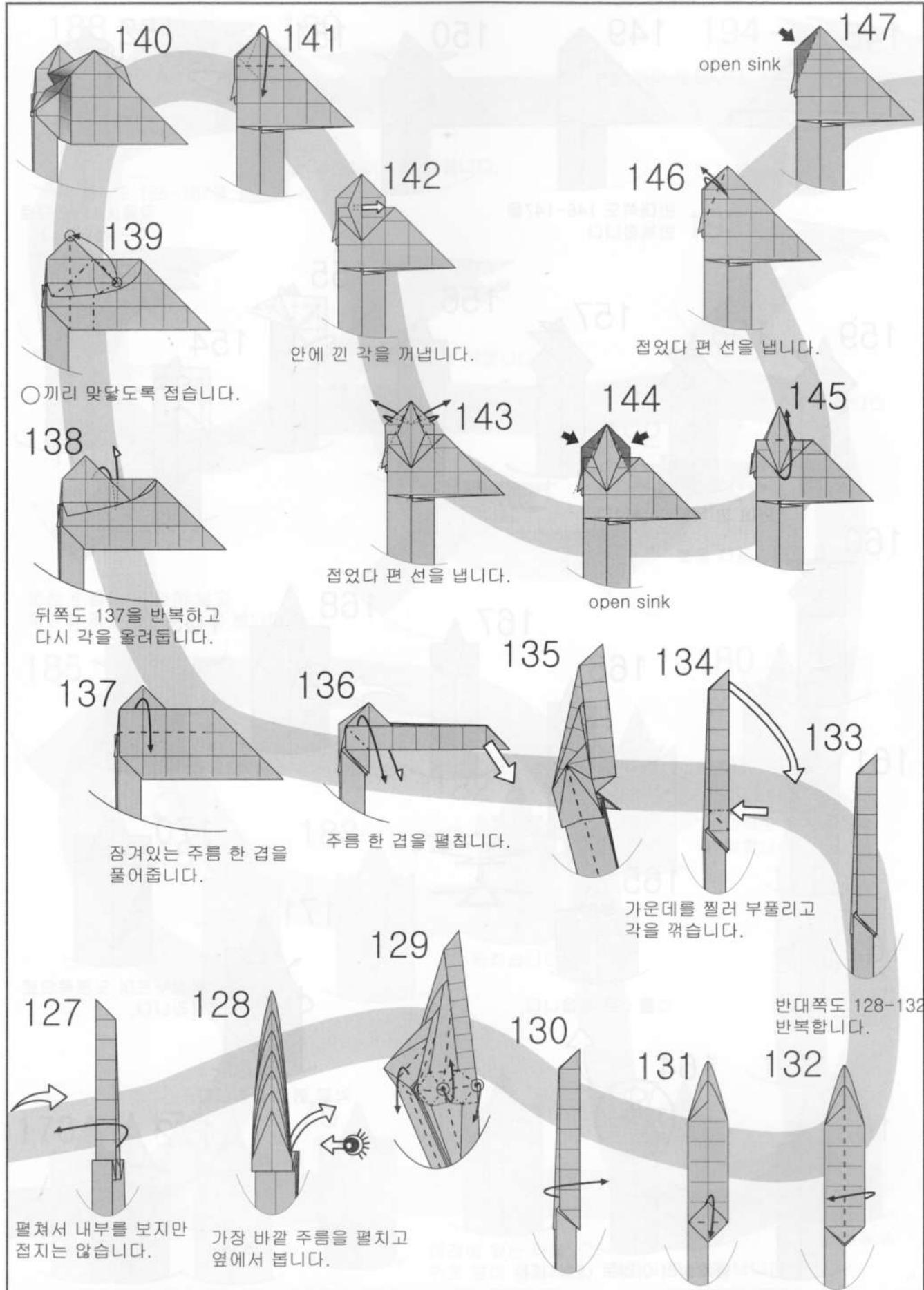
접었다 편 선을 낱니다.

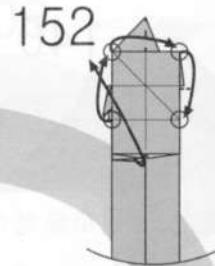
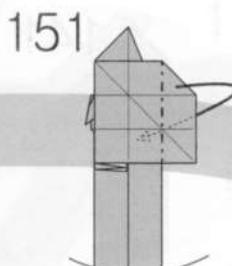
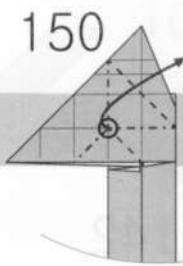
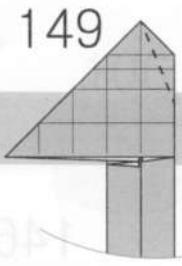
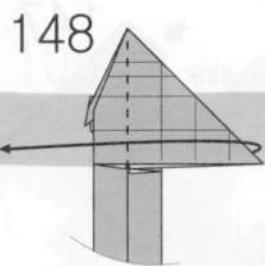
266 第23回折紙探偵団コンペティション折り図集 vol.23 2017年

23rd Origami Tanteidan Convention 2017



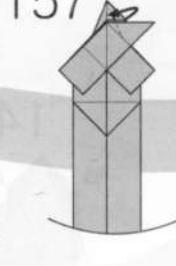
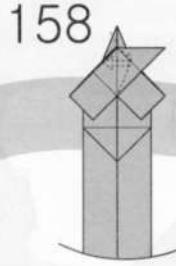






반대쪽도 146-147을
반복합니다.

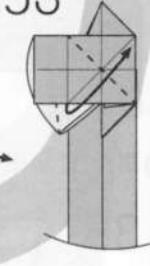
각을 ○ 기준으로
90도 돌립니다.



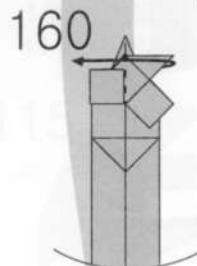
156

155

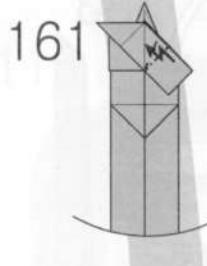
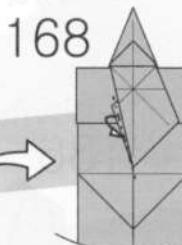
153



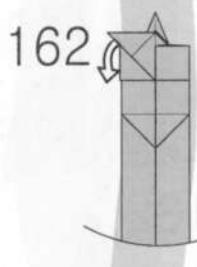
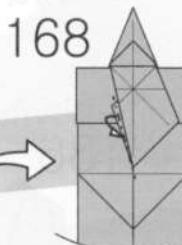
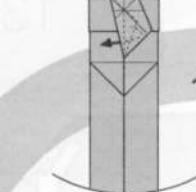
안에 낀 각을 꺼냅니다.



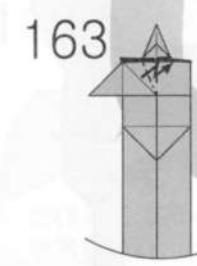
167



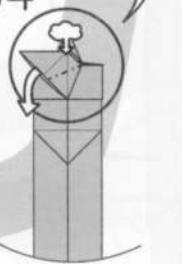
166



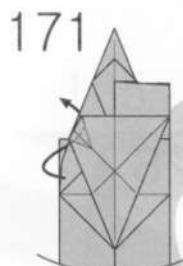
○를 ☆로 끼웁니다.



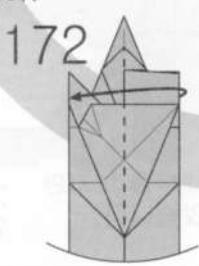
164



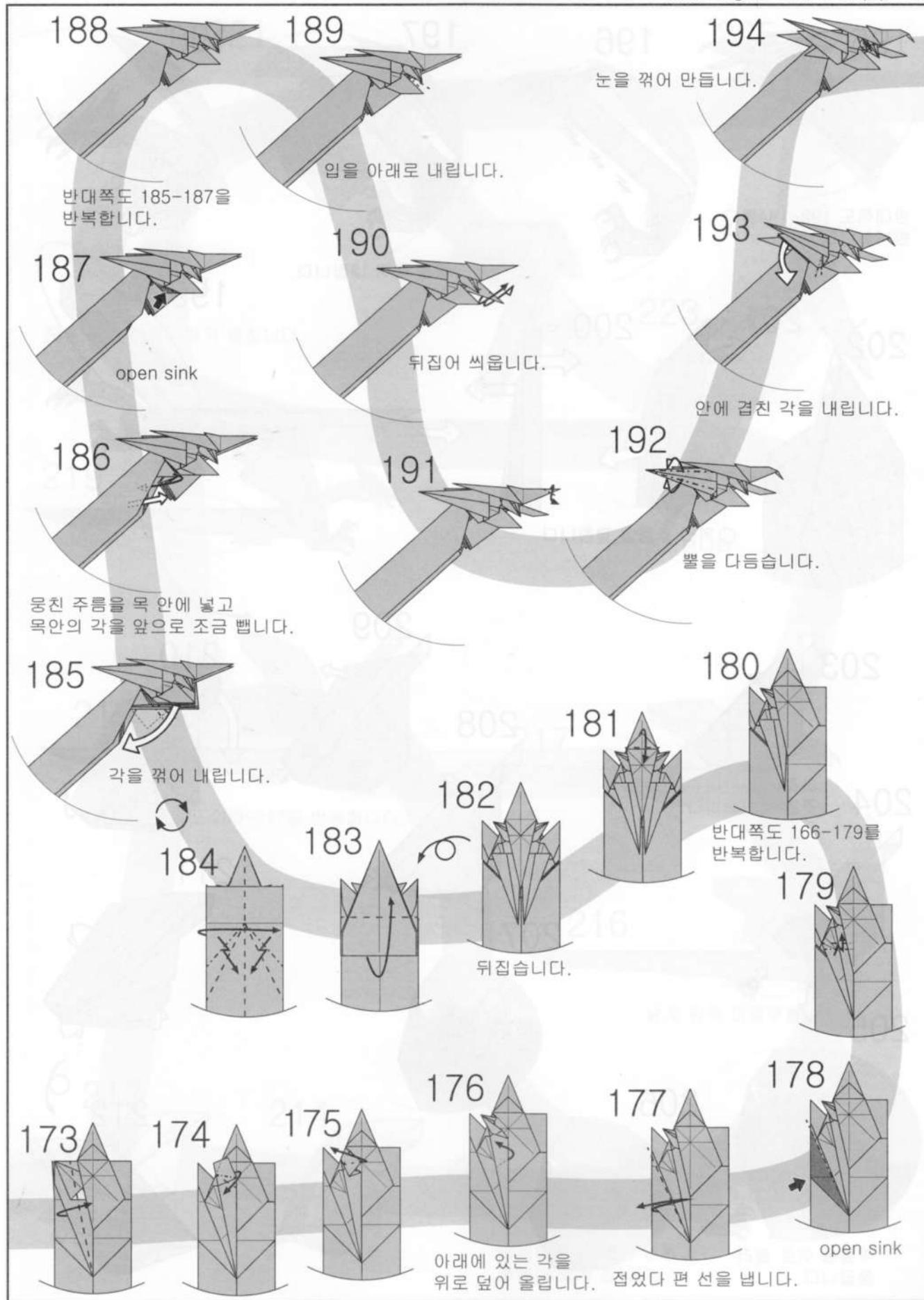
펼쳐둘러 아래로 내립니다.

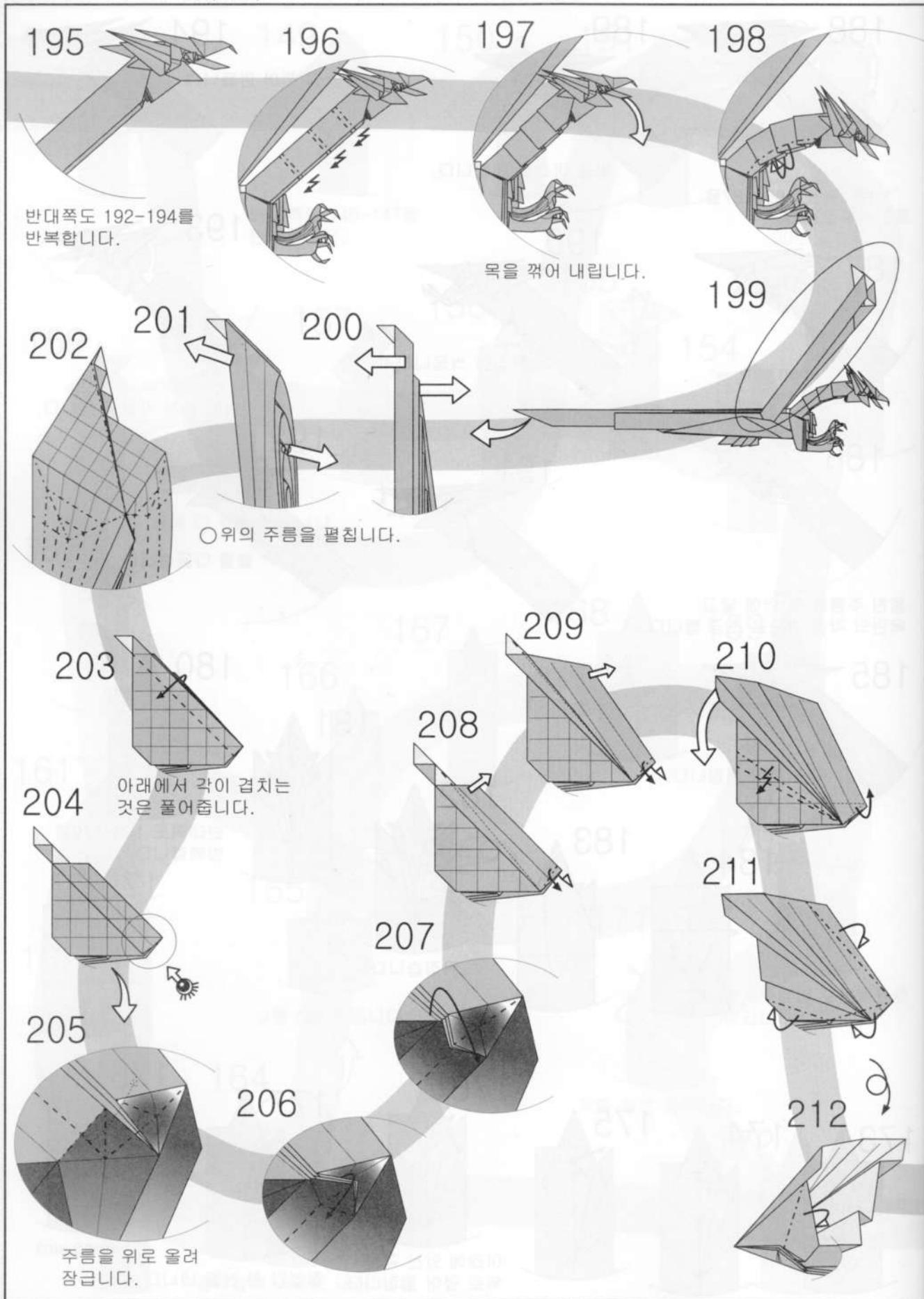


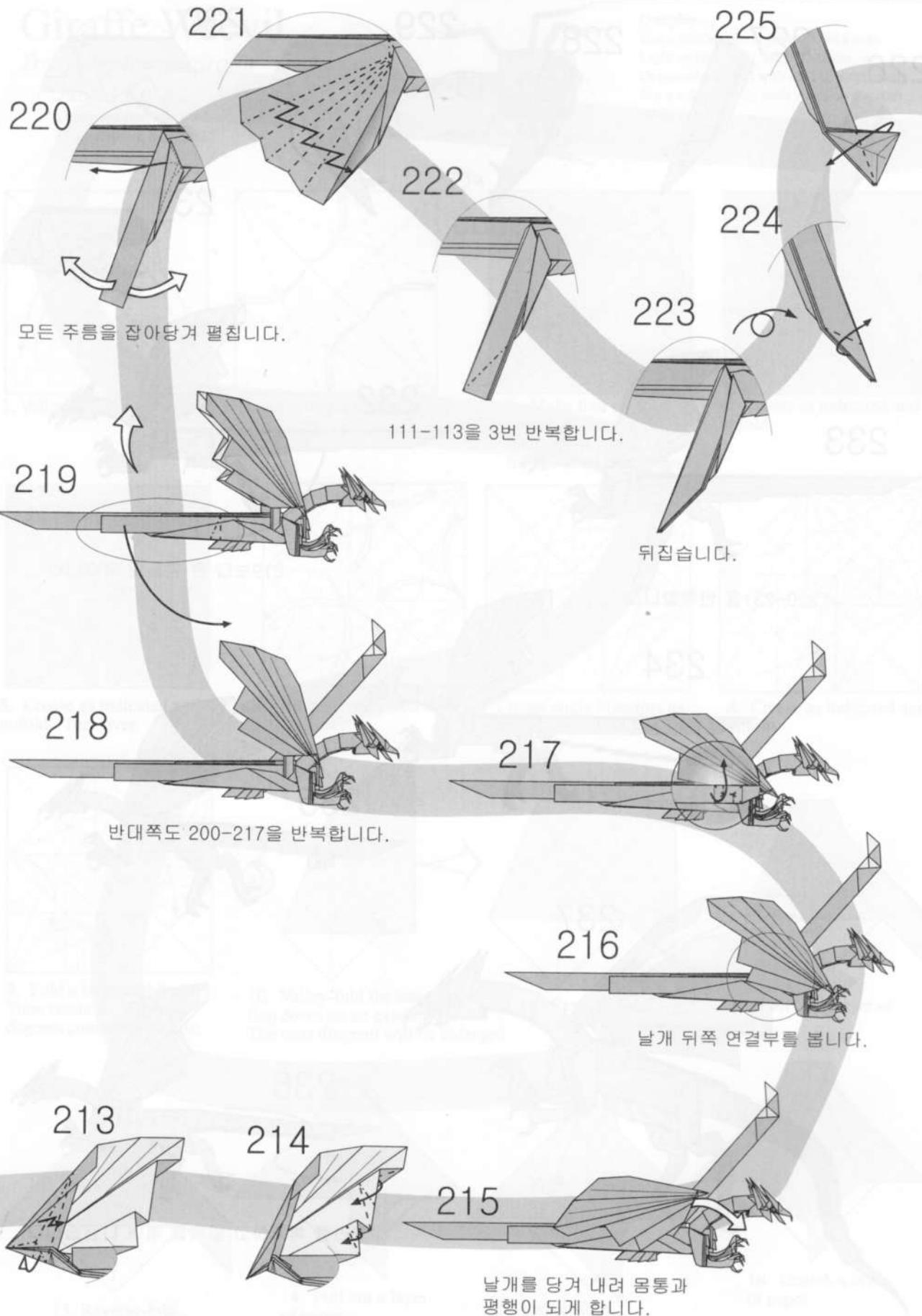
각을 위로 올립니다.

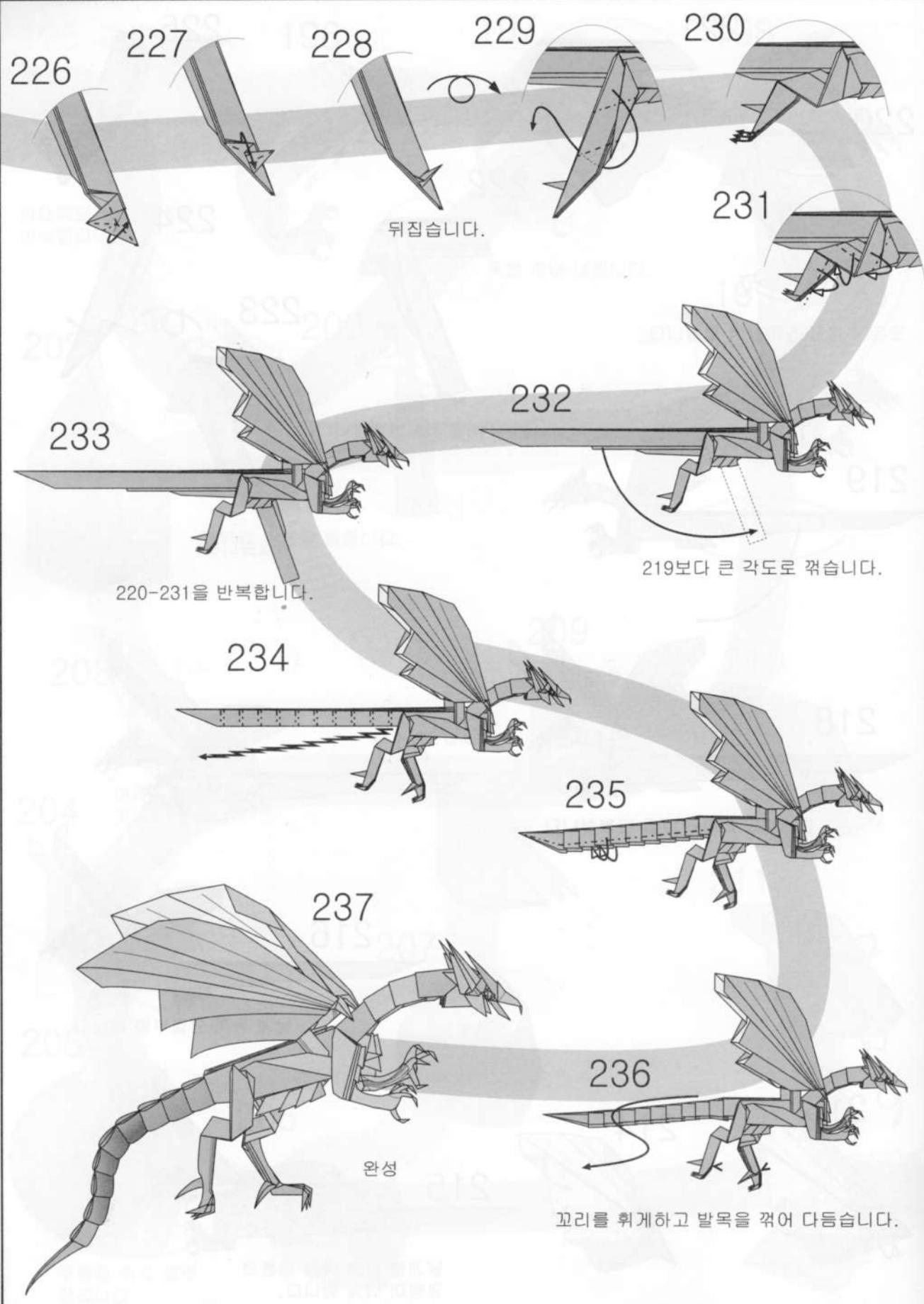


펼쳐누르며 오른쪽으로
넘깁니다.









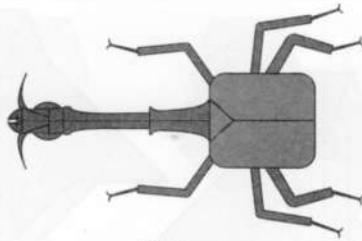
Giraffe Weevil

Trachelophorus giraffa

James Lucas

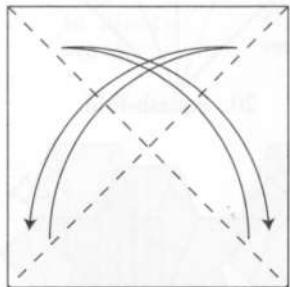
Designed July 9, 2010

Diagrammed May 2017

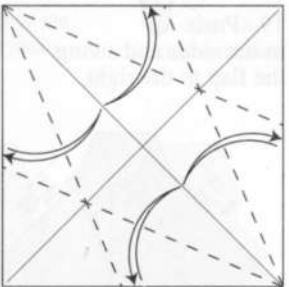


Complex

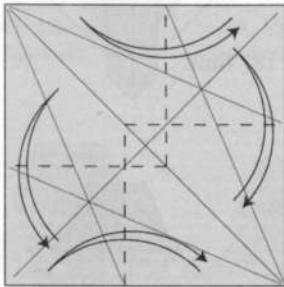
Use a thin square at least 20" to a side. Light weight hanji, kozo, O-Gami, or Origamido treated with MC all work well. For a colored body with white elytra, start white side up.



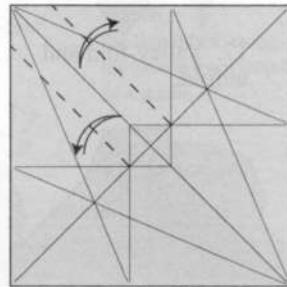
1. Valley-fold the diagonals.



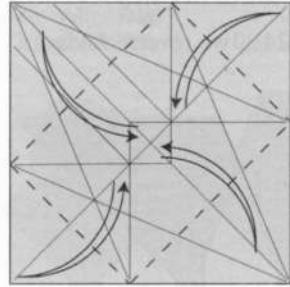
2. Kite-fold and unfold. Turn over.



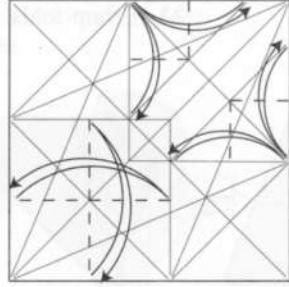
3. Make four creases perpendicular to the intersection of the kite folds and the raw edges.



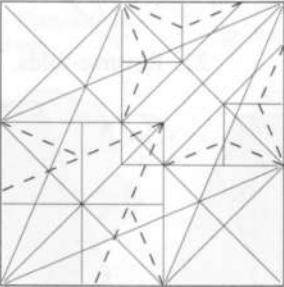
4. Crease as indicated and unfold.



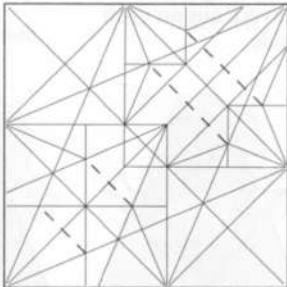
5. Crease as indicated and unfold. Turn over.



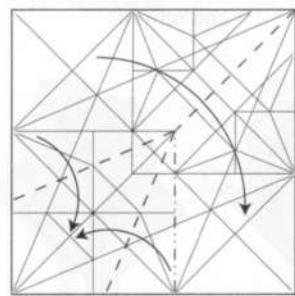
6. Crease as indicated and unfold.



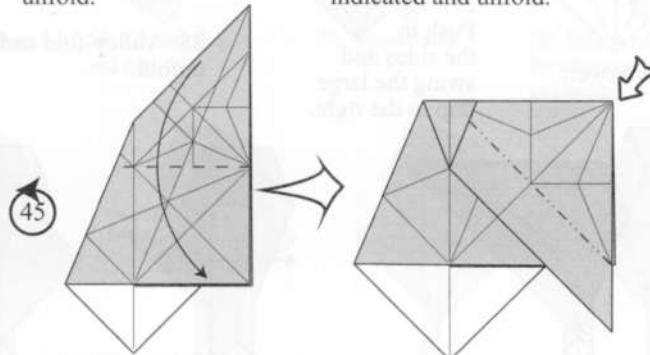
7. Crease angle bisectors as indicated and unfold.



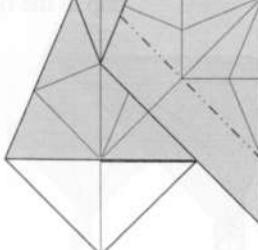
8. Crease as indicated and unfold.



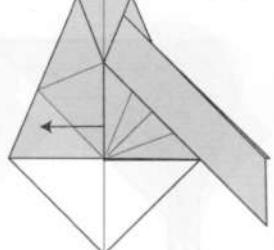
9. Fold a large rabbit-ear. Then rotate the paper 45 degrees counterclockwise.



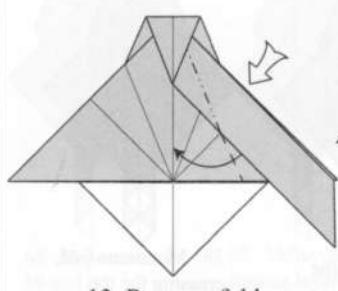
10. Valley-fold the large upper flap down on an existing crease. The next diagram will be enlarged.



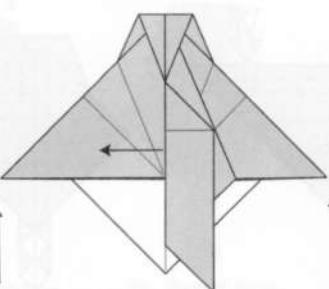
11. Reverse-fold.



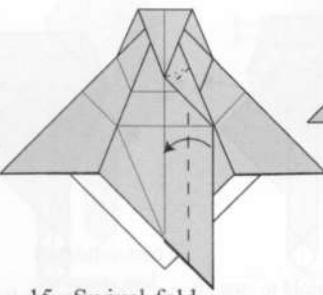
12. Pull out a layer of paper.



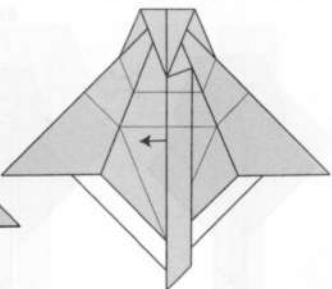
13. Reverse-fold.



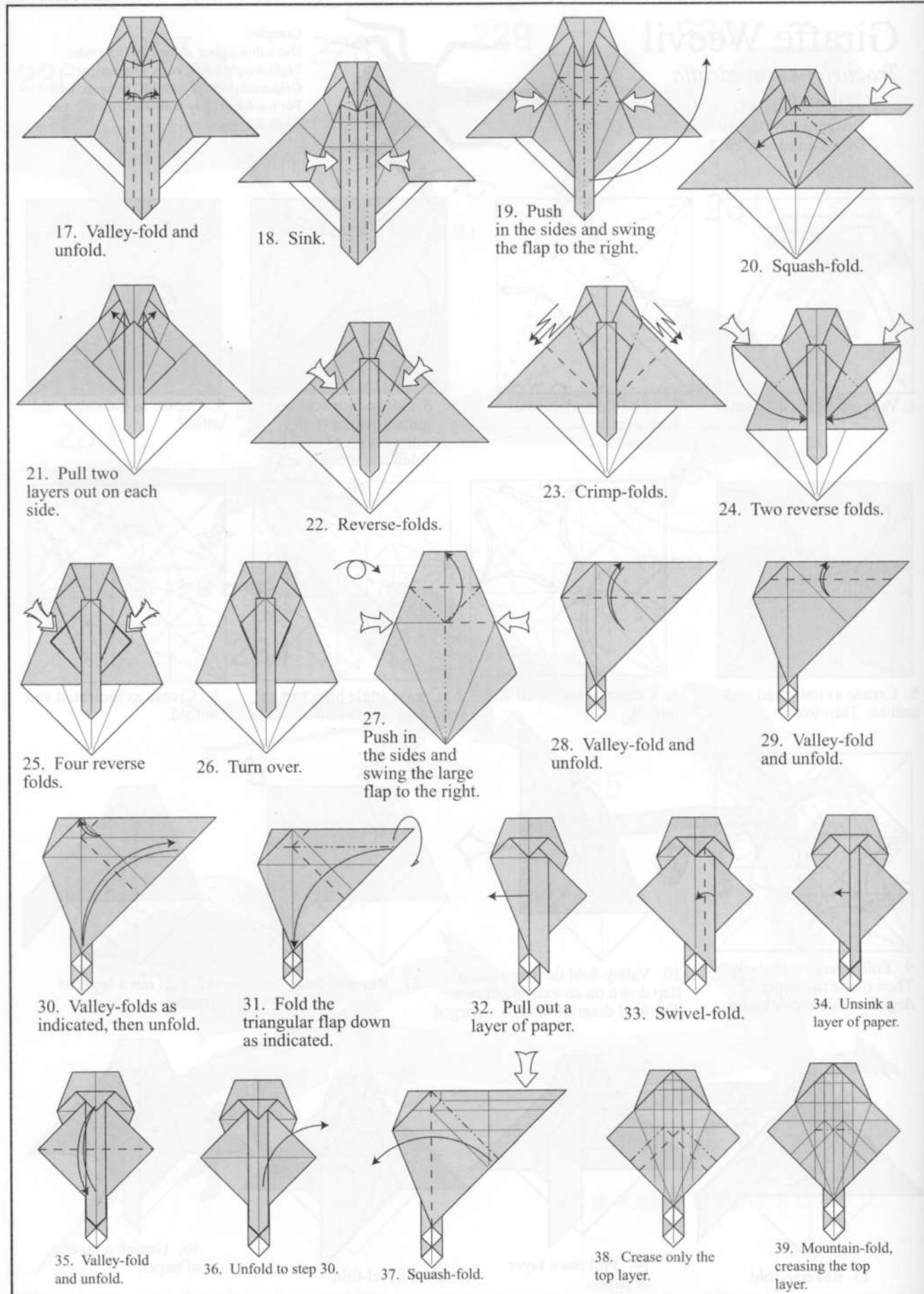
14. Pull out a layer of paper.

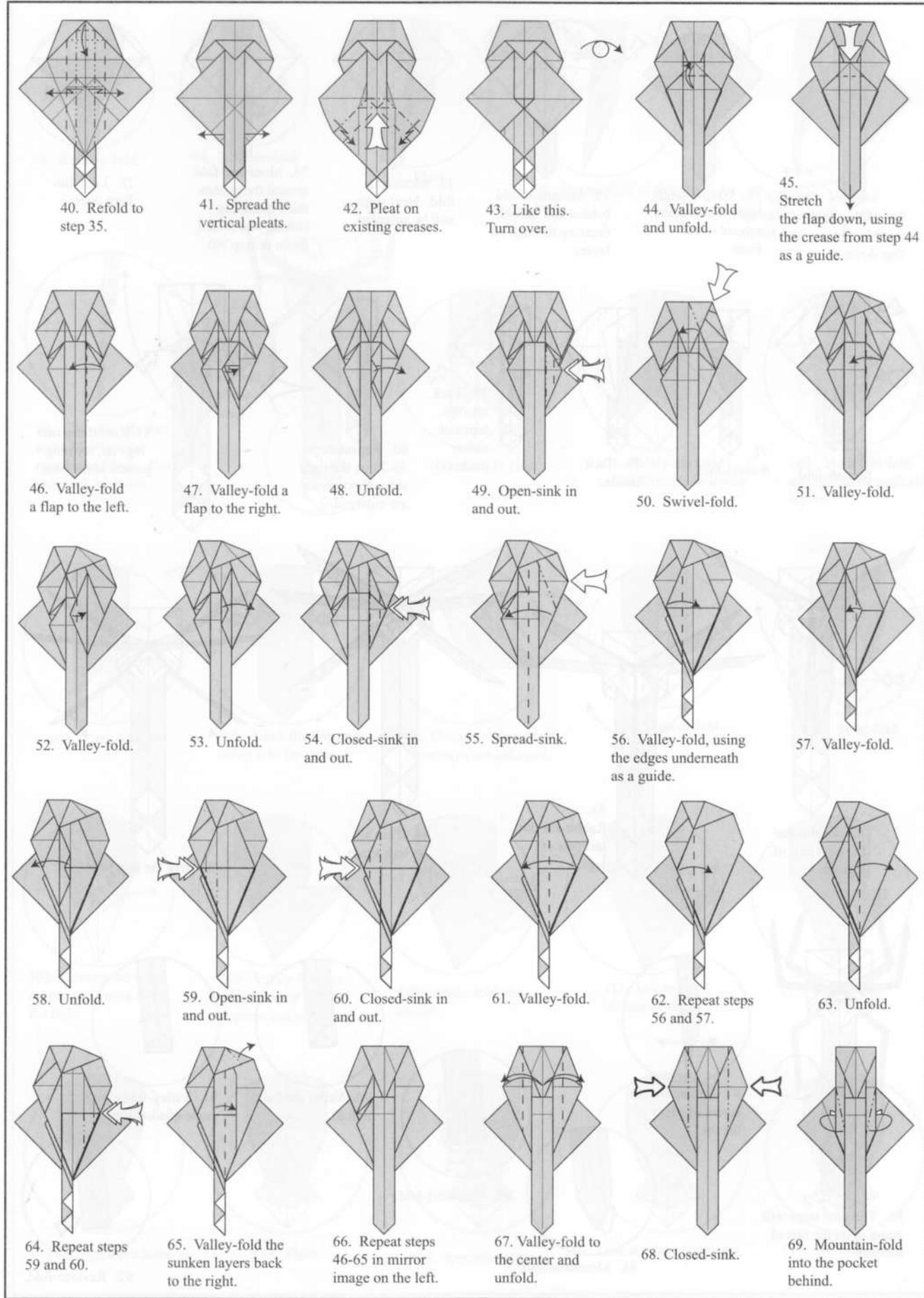


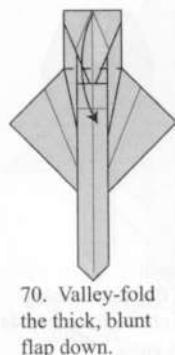
15. Swivel-fold.



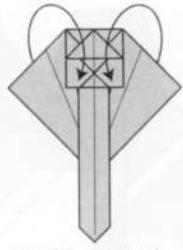
16. Unsink a layer of paper.



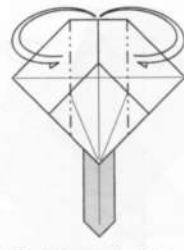




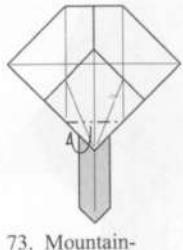
70. Valley-fold the thick, blunt flap down.



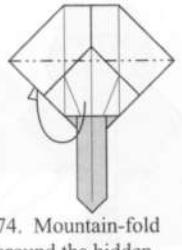
71. Wrap a single layer from behind around to the front.



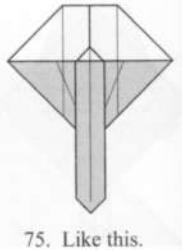
72. Mountain-fold behind and unfold, creasing through all layers.



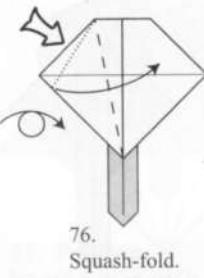
73. Mountain-fold. Next steps will be enlarged.



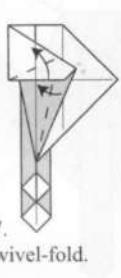
74. Mountain-fold around the hidden thick blunt flap (which was folded down in step 70)



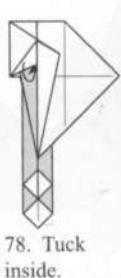
75. Like this. Turn over.



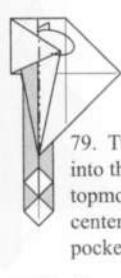
76. Squash-fold.



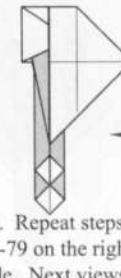
77. Swivel-fold.



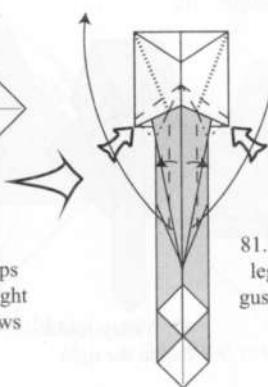
78. Tuck inside.



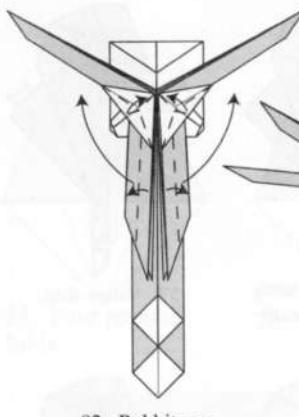
79. Tuck into the topmost center pocket.



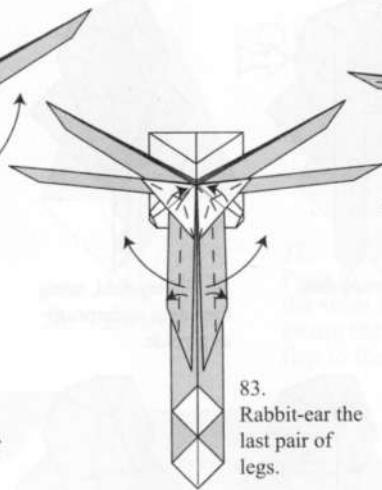
80. Repeat steps 76-79 on the right side. Next views are enlarged.



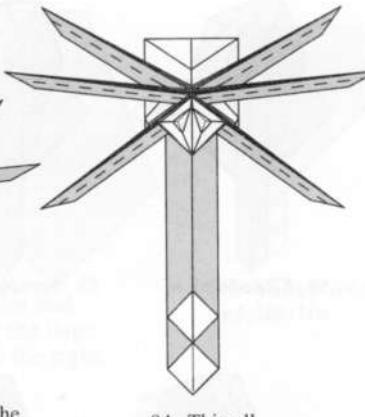
81. Rabbit-ear two legs up, forming gussets at the base.



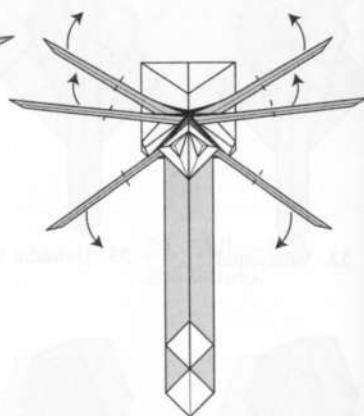
82. Rabbit-ear the next pair of legs up.



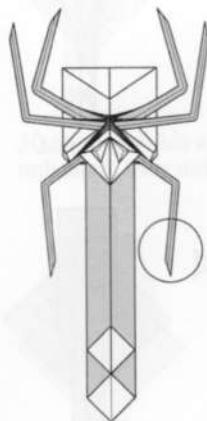
83. Rabbit-ear the last pair of legs.



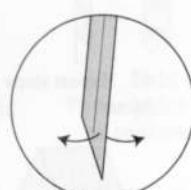
84. Thin all six legs again.



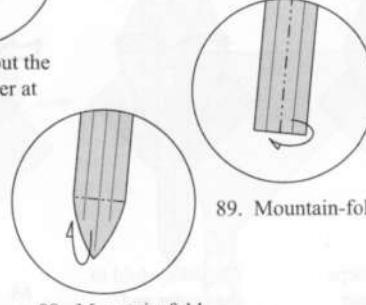
85. Give the legs joints.



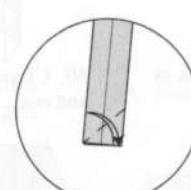
86. The next steps will zoom in on the tips of the legs.



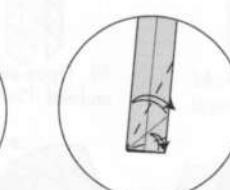
87. Spread out the layers of paper at the tip.



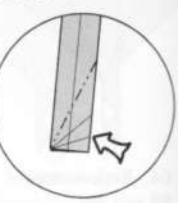
88. Mountain-fold.



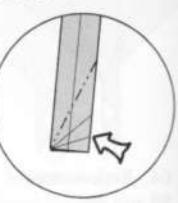
89. Mountain-fold.



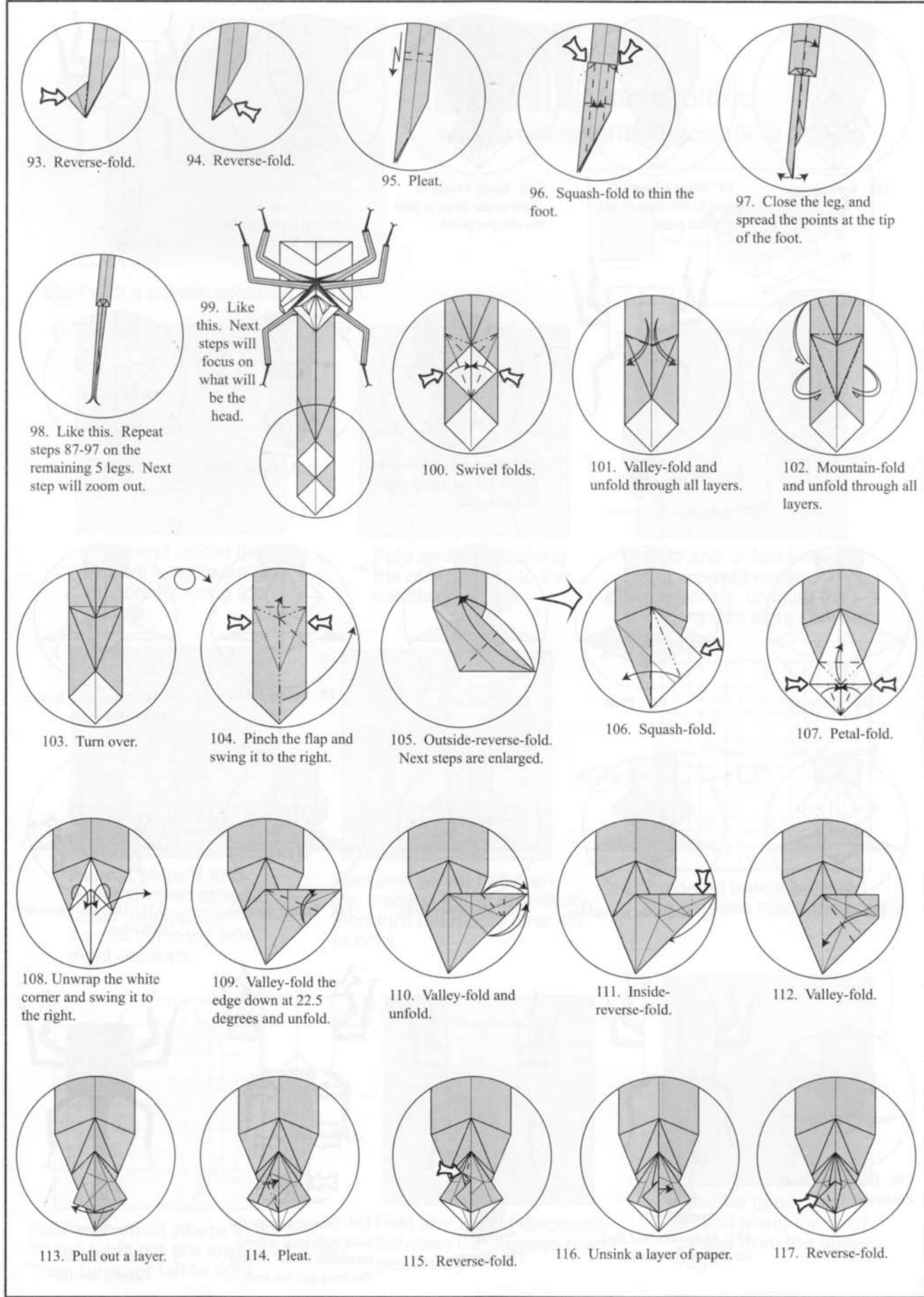
90. Valley-fold and unfold.

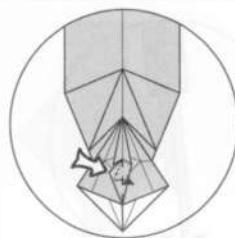


91. Valley-fold along angle quadsectors.

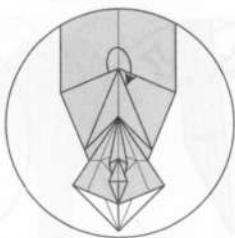


92. Reverse-fold.

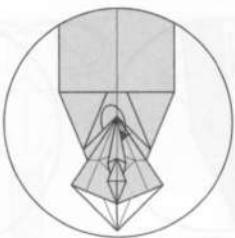




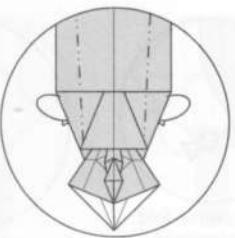
118. Spread-sink.



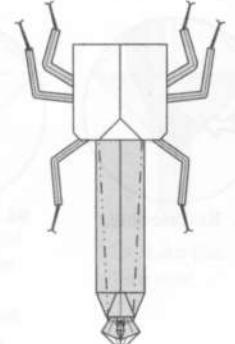
119. Bring a layer of paper to the front to hide the blunt point.



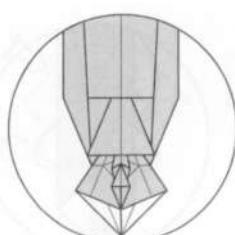
120. Bring a layer of paper to the front to hide the sharper point.



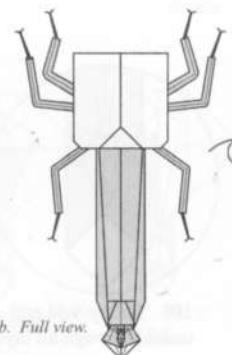
121a. Head detail.
121. Mountain-fold the top layer into the pocket behind.



121b. Full view.

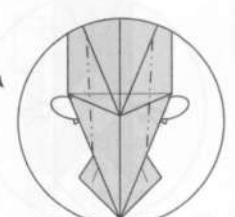


122a. Head detail.

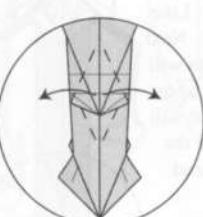


122b. Full view.

122. Like this. Turn over.



123. Mountain-fold into the pocket behind, using step 121 as a guide.



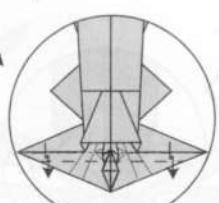
124. Squash-folds.



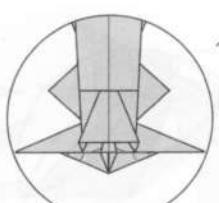
125. Valley-folds.



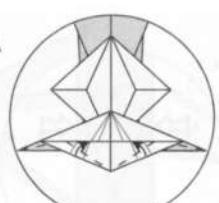
126. Turn over.



127. Pleat.



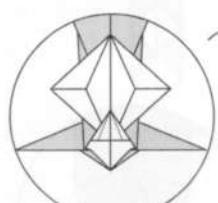
128. Turn over.



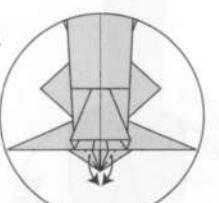
129. Swivel-fold.



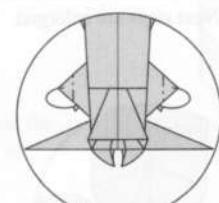
130. Bring some hidden flaps to the front.



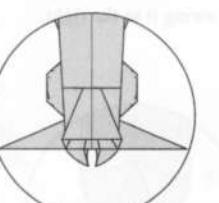
131. Turn over.



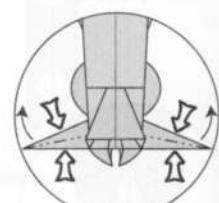
132. Shape the mandibles.



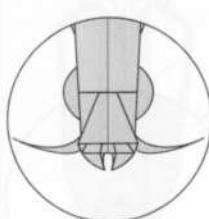
133. Mountain-folds.



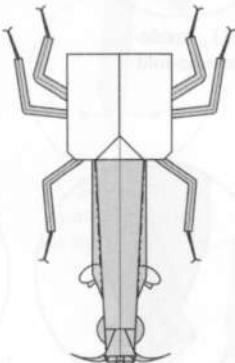
134. Round the eyes.



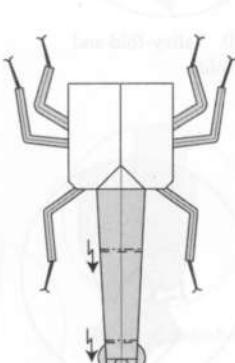
135. Thin and curve the antennae.



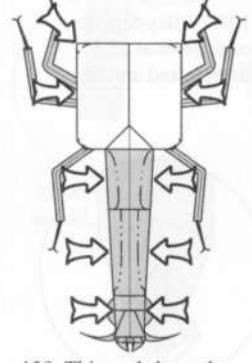
136. Completed head.
Zoom out.



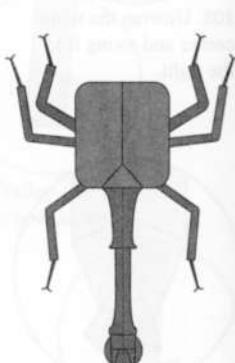
137. Mountain-fold into the pockets beneath.



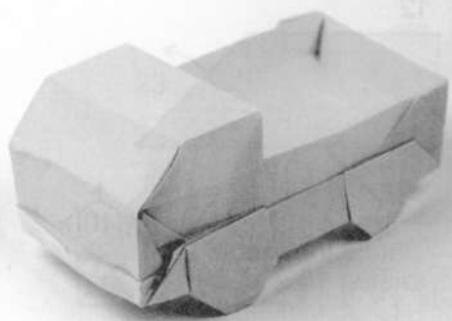
138. Pleats.



139. Thin and shape the neck with long curved mountain folds. Round the head and the body.



140. Finished
Giraffe Weevil.

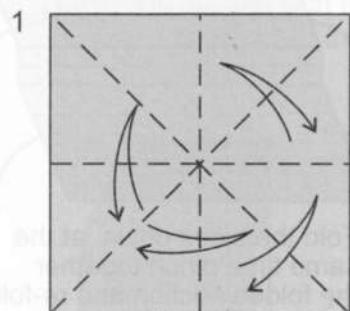


LORRY

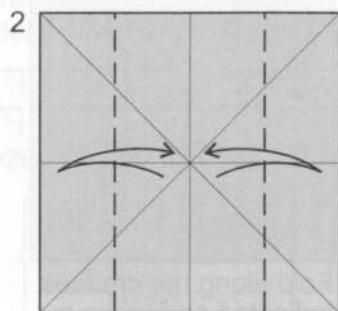
Mark Bolitho

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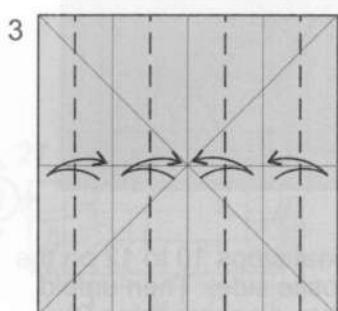
Start with a square coloured side up.



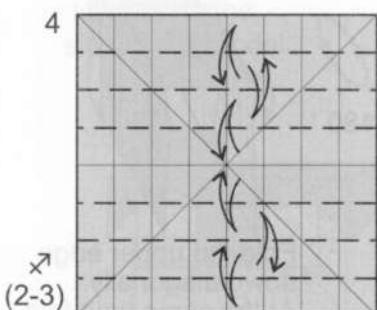
Fold and unfold the square lengthwise and diagonally along the middle.



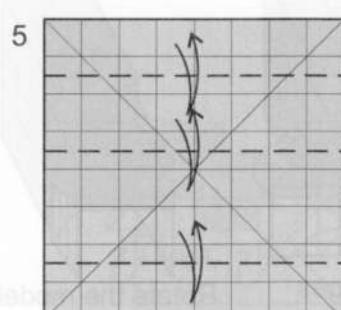
Fold and unfold along the outer edges to the middle.



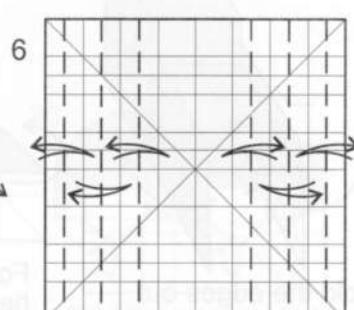
Fold and unfold between the creases made previously, dividing the square into eight sections.



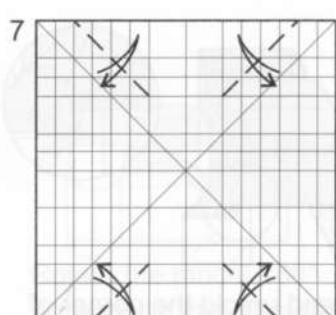
(2-3)
Repeat steps 2 and 3 on the other axis, again dividing the square vertically into eight sections.



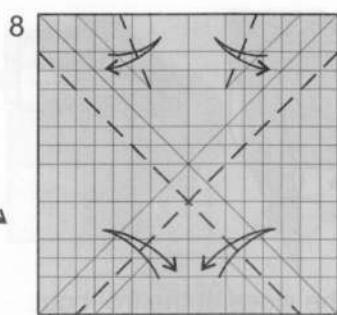
Fold and unfold between the creases made previously, then turn the model over left to right.



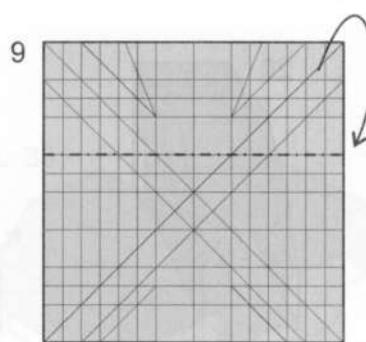
Fold and unfold between the creases made previously.



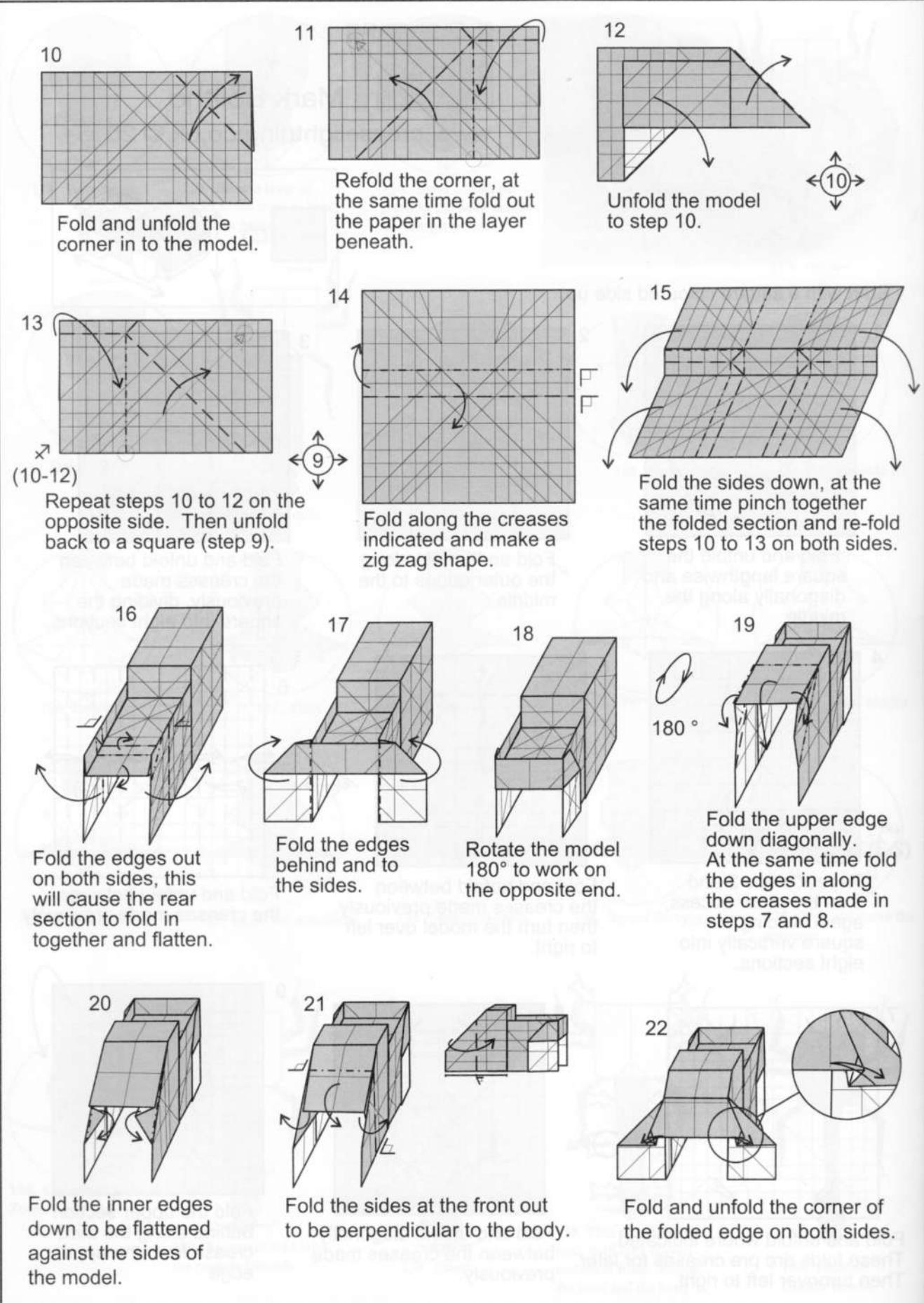
Fold and unfold where indicated. These folds are pre-creases for later. Then turnover left to right.

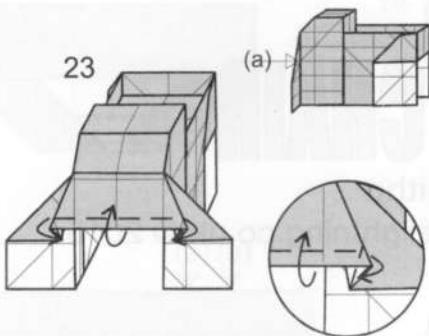


Fold and unfold diagonally between the creases made previously.

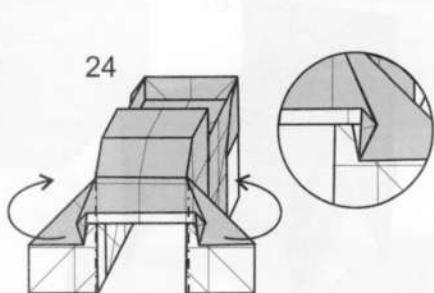


Fold the upper section behind along the third crease from the upper edge.

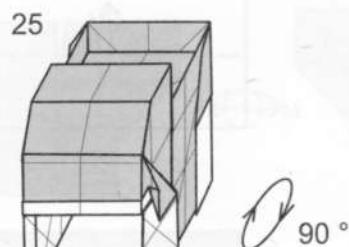




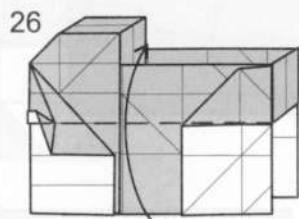
Fold the edge of the front section up.
The fold is aligned with the third
crease on the body of the model (a).



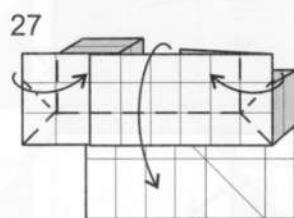
Fold the sections behind to be flush
with the edges of the model.



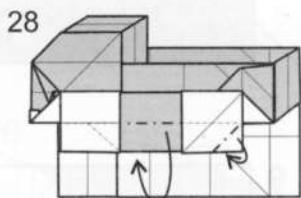
Rotate the model 90°
to work on the
side of the model.



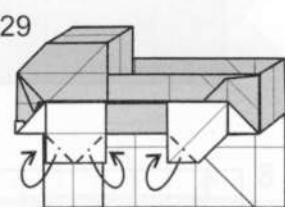
Fold the edge up.



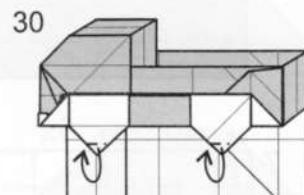
Fold the edge down along the
second crease. At the same
time fold the edges in.



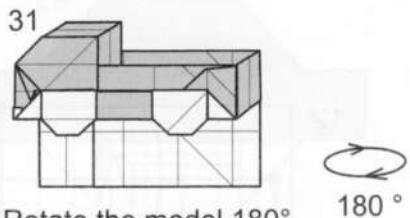
Fold the lower edge behind
and into the model. At the
same time reverse fold the
rear corner where indicated.



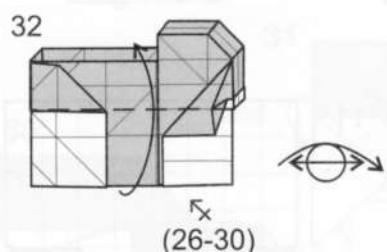
Fold the corners behind
and into the model.



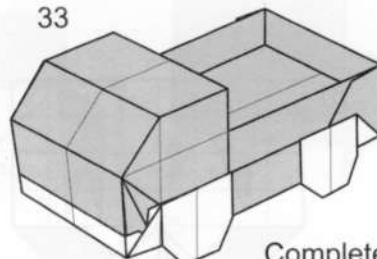
Fold the corners behind
and into the model to
shape the wheels.



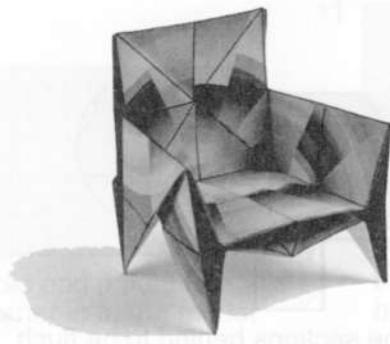
Rotate the model 180°
to work on the other side.



Repeat steps 26 to 30.



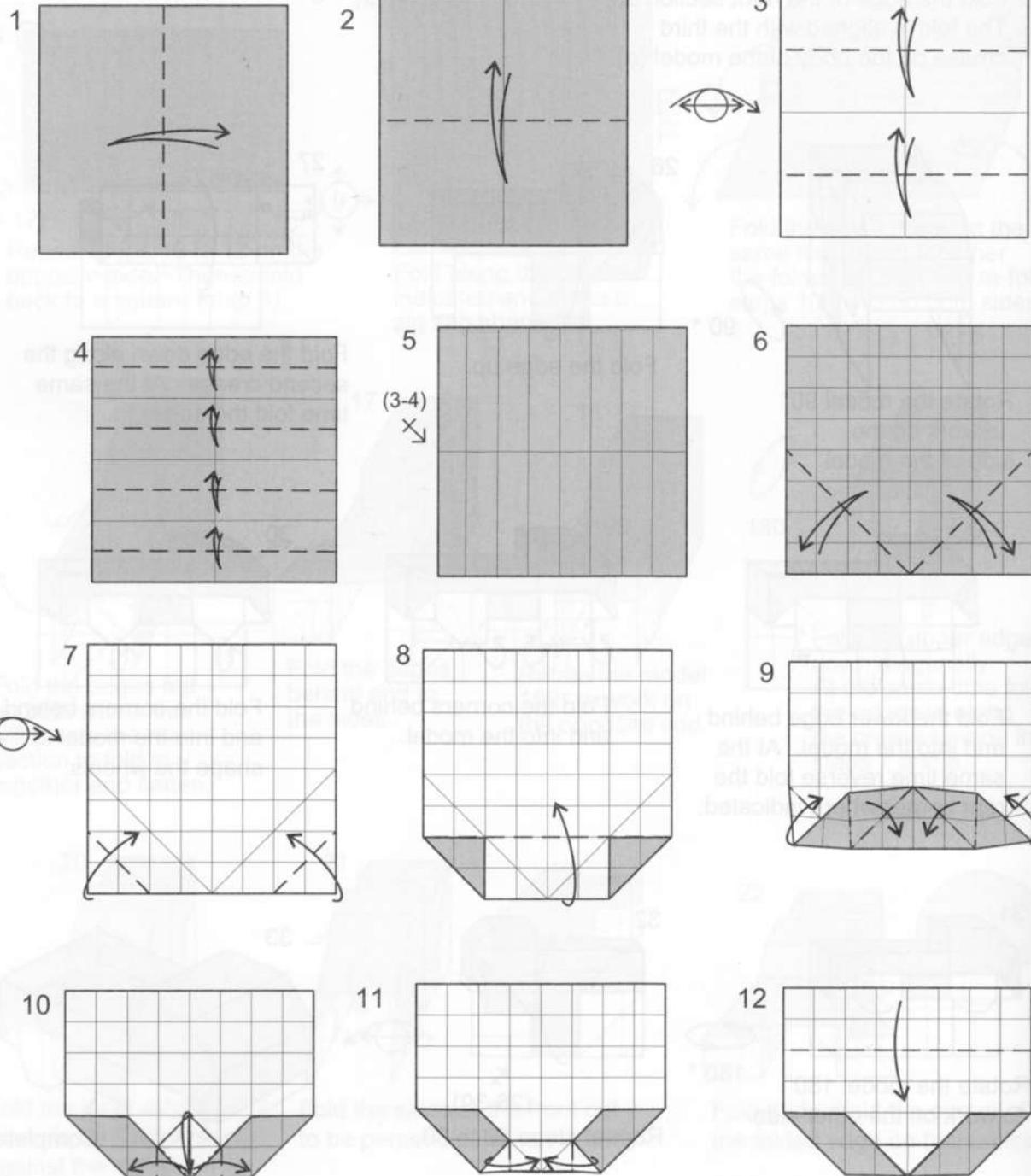
Complete.

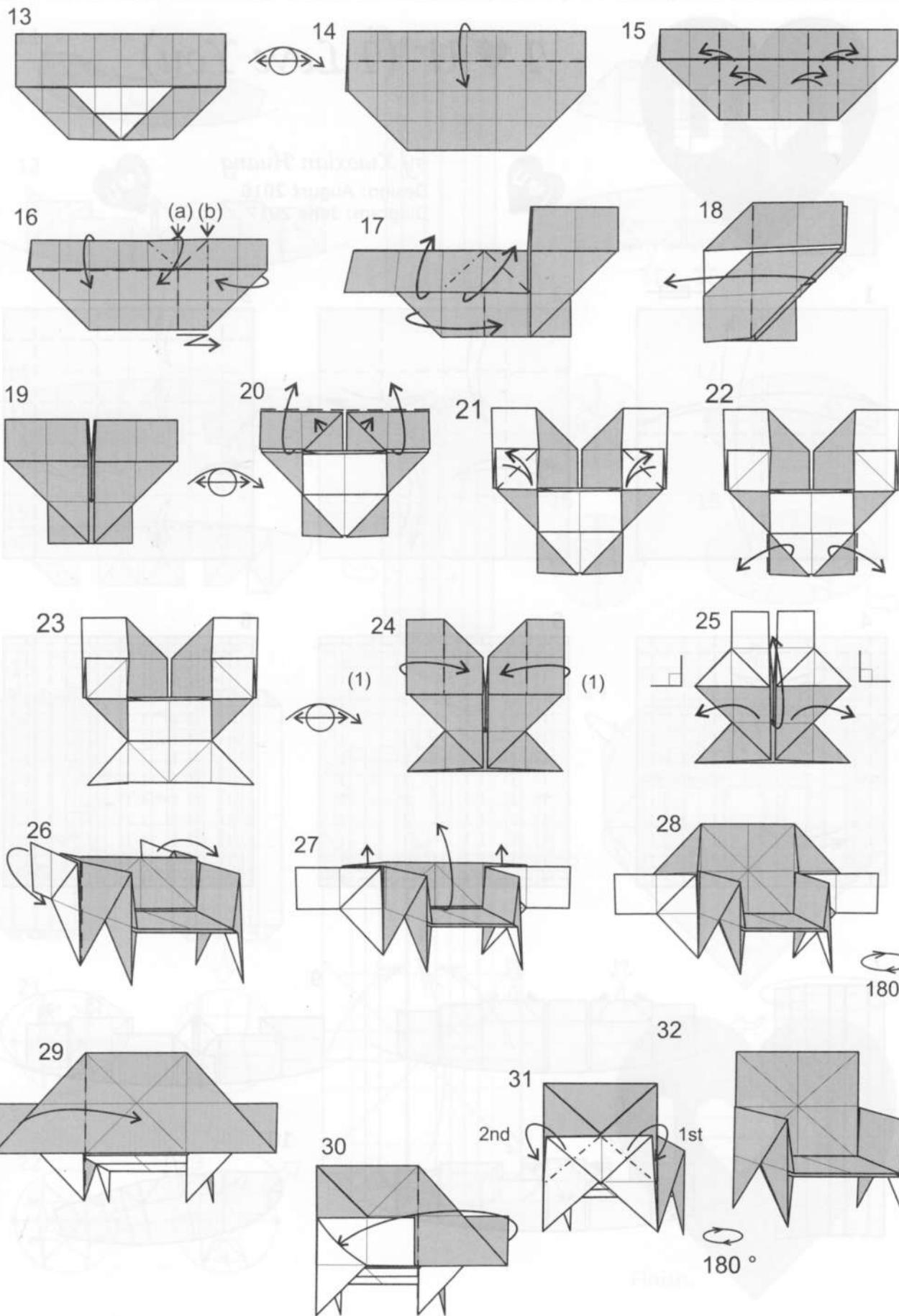


ARM CHAIR

Mark Bolitho

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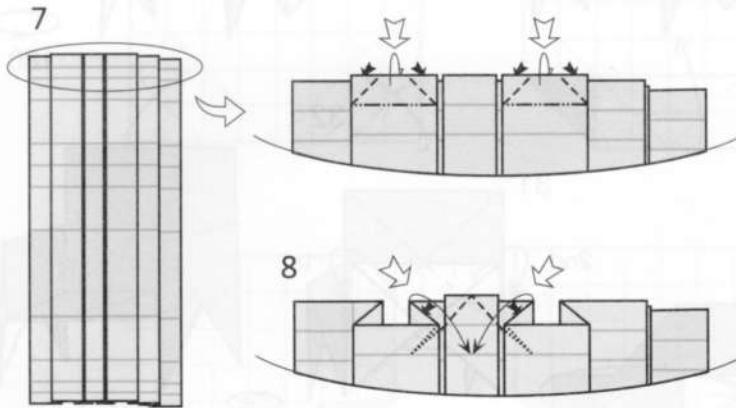
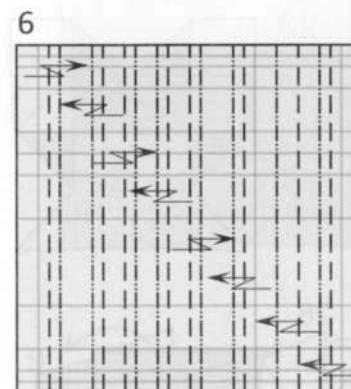
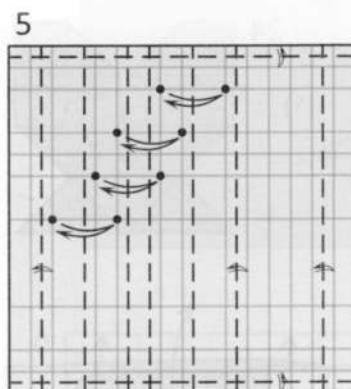
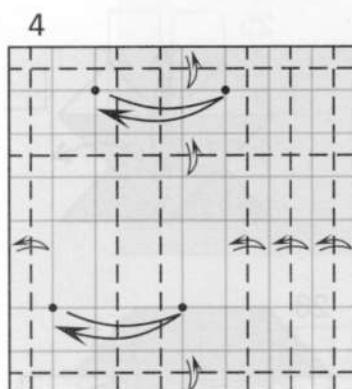
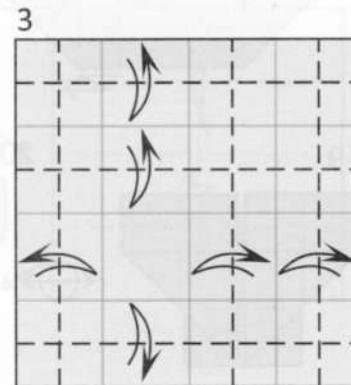
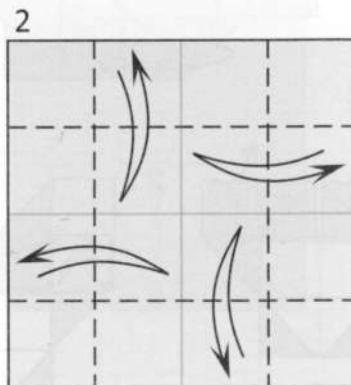
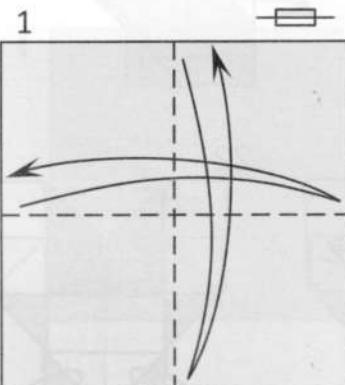


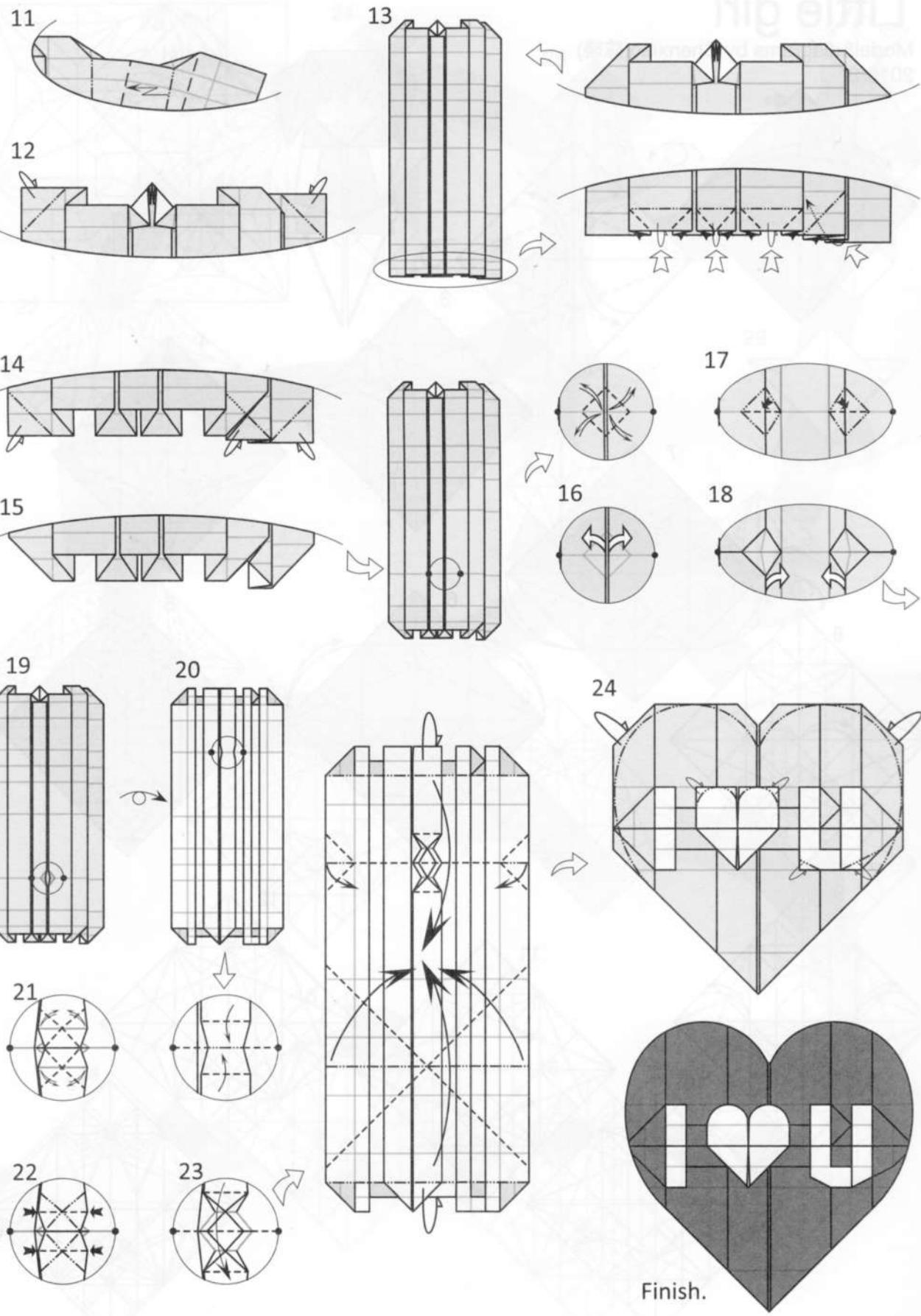
I ❤ U (I Love You)

by Xiaoxian Huang

Design: August 2016

Diagram: June 2017

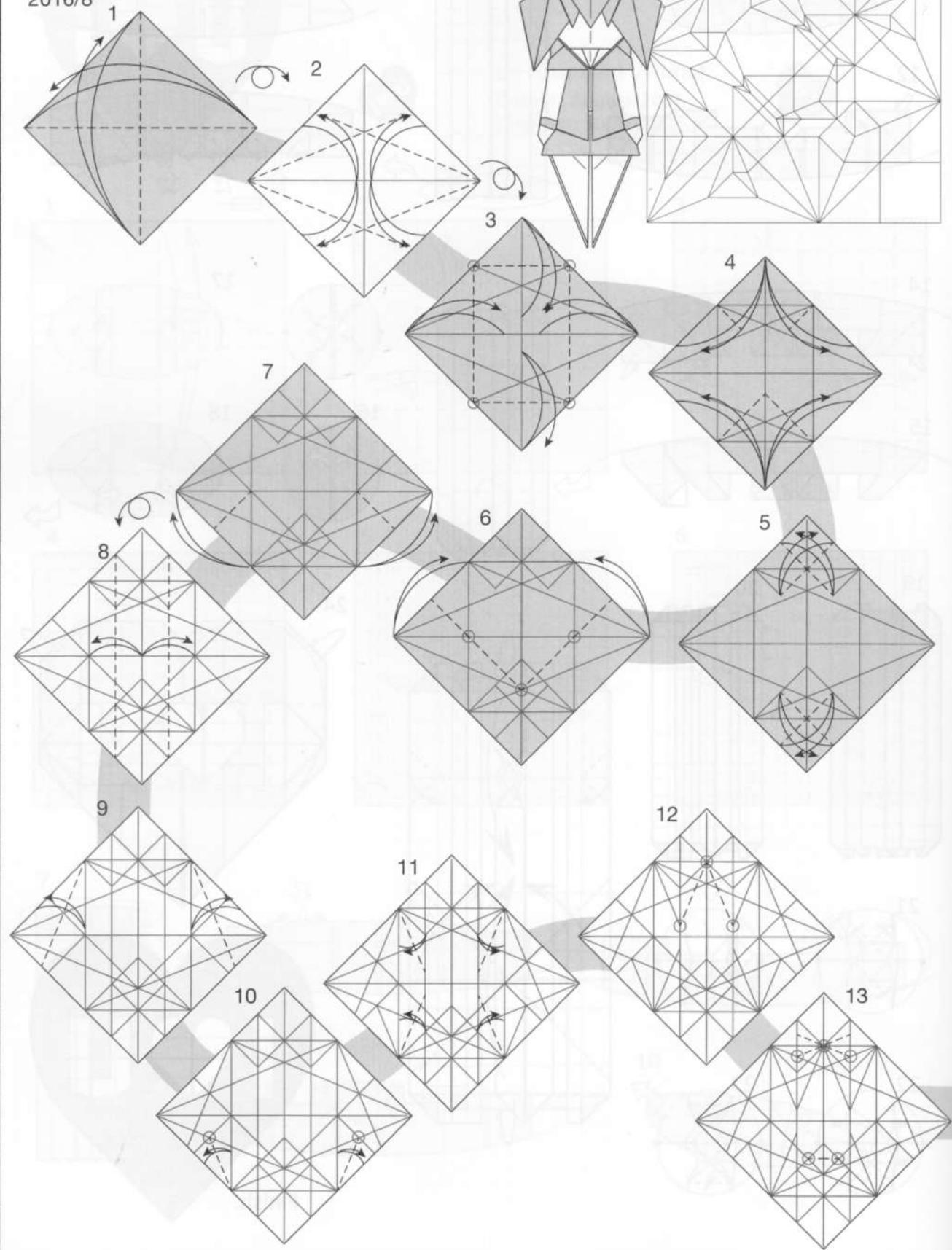


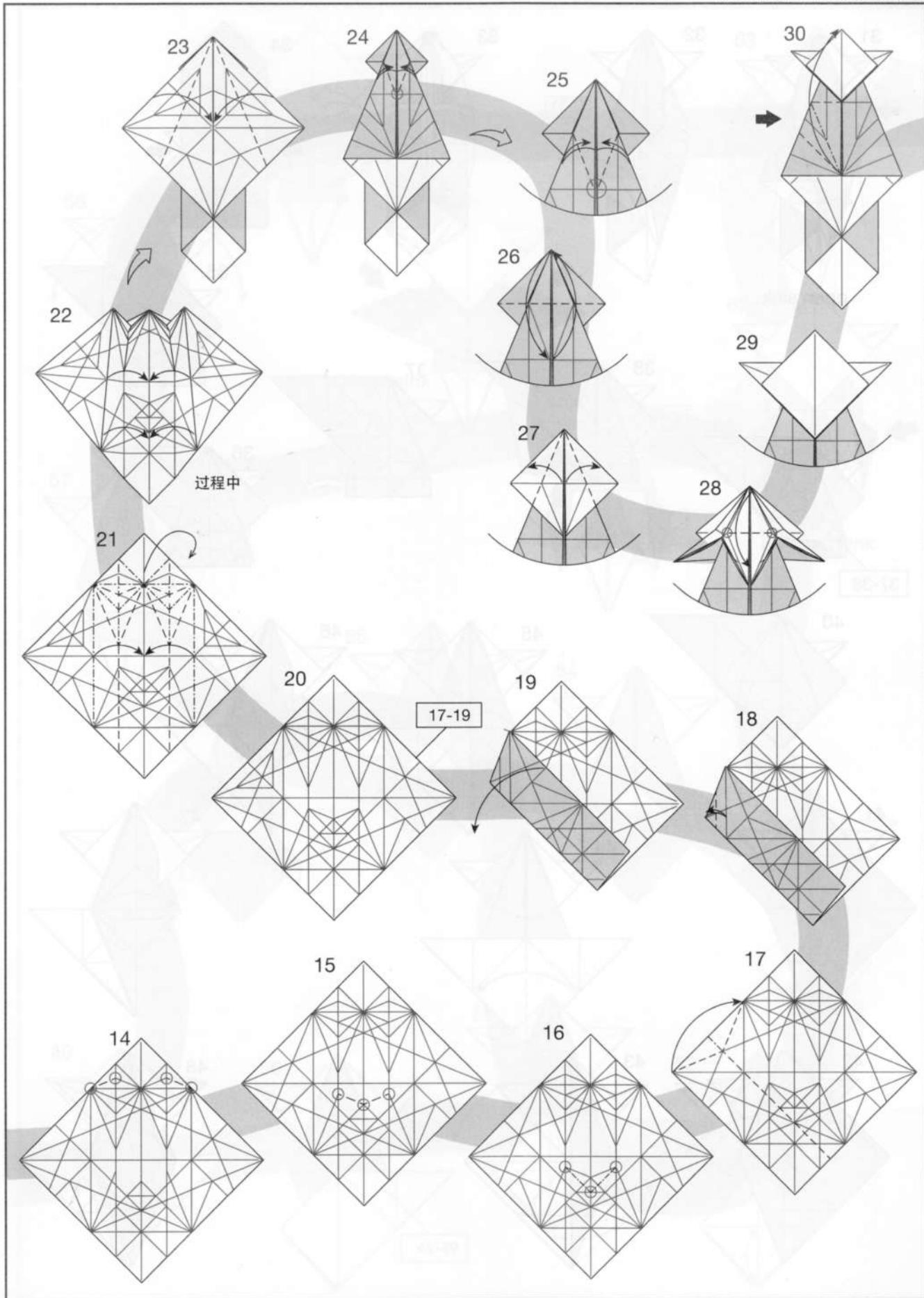


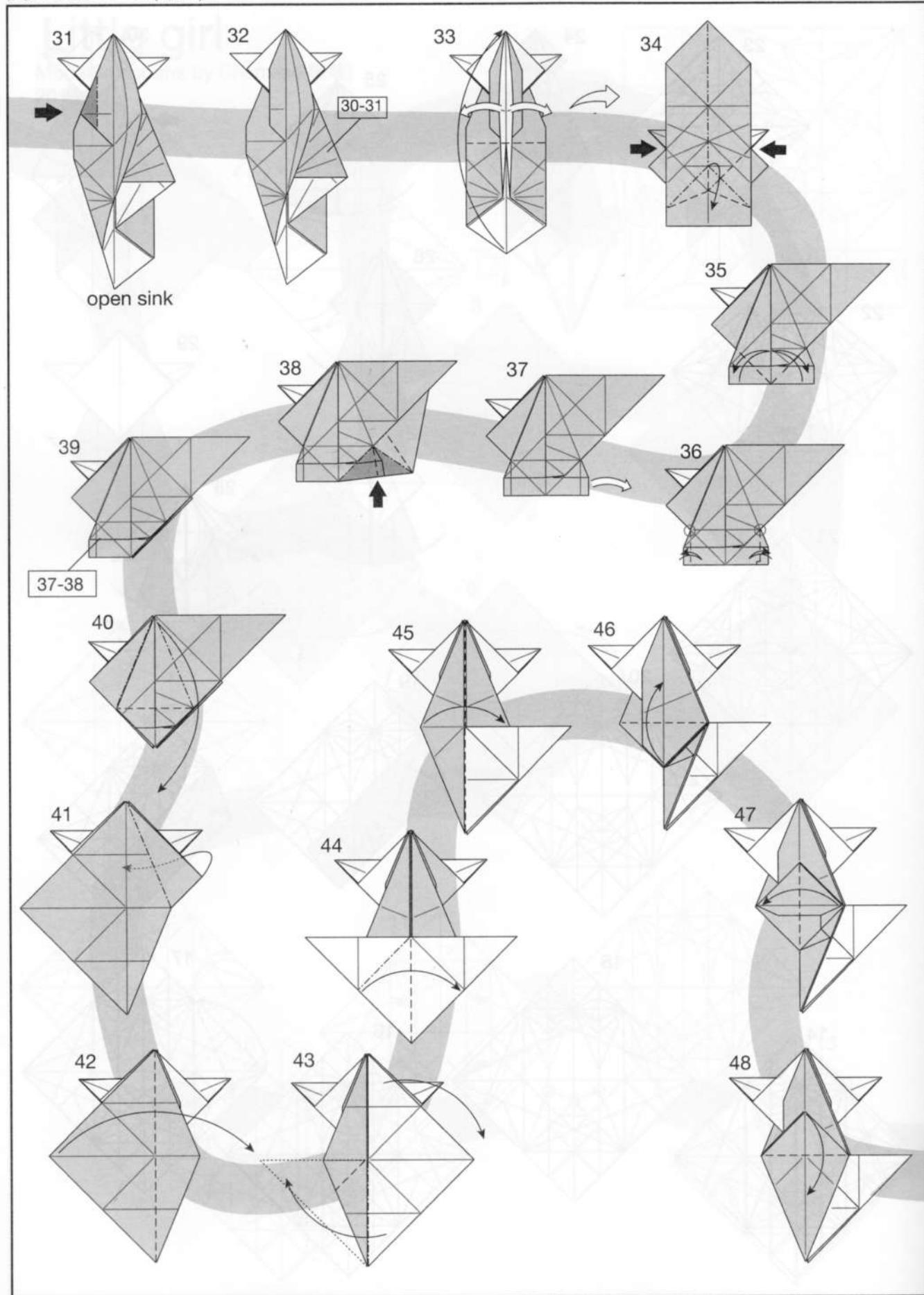
Little girl

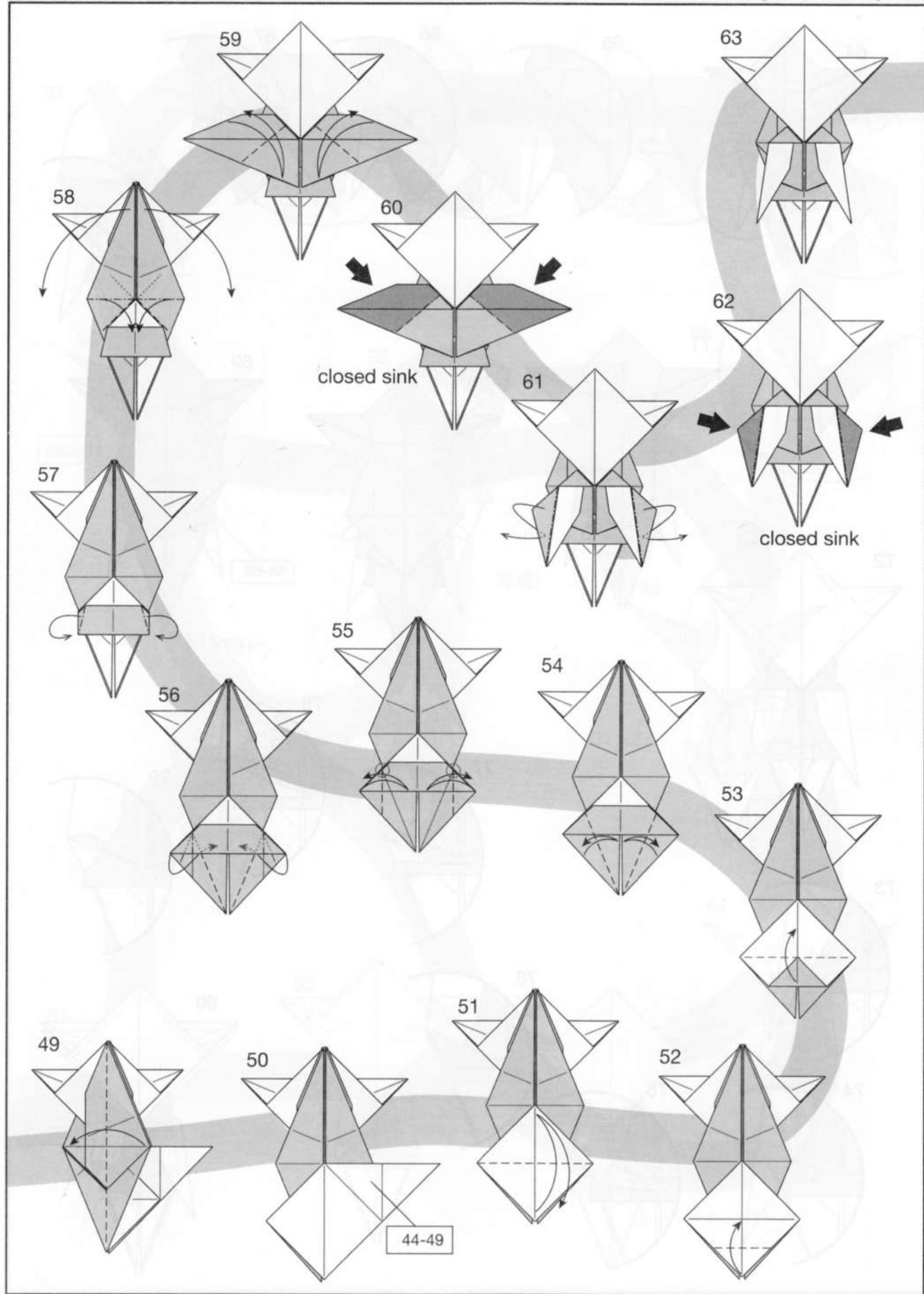
Model&diagrams by Chenxiao(陈晓)

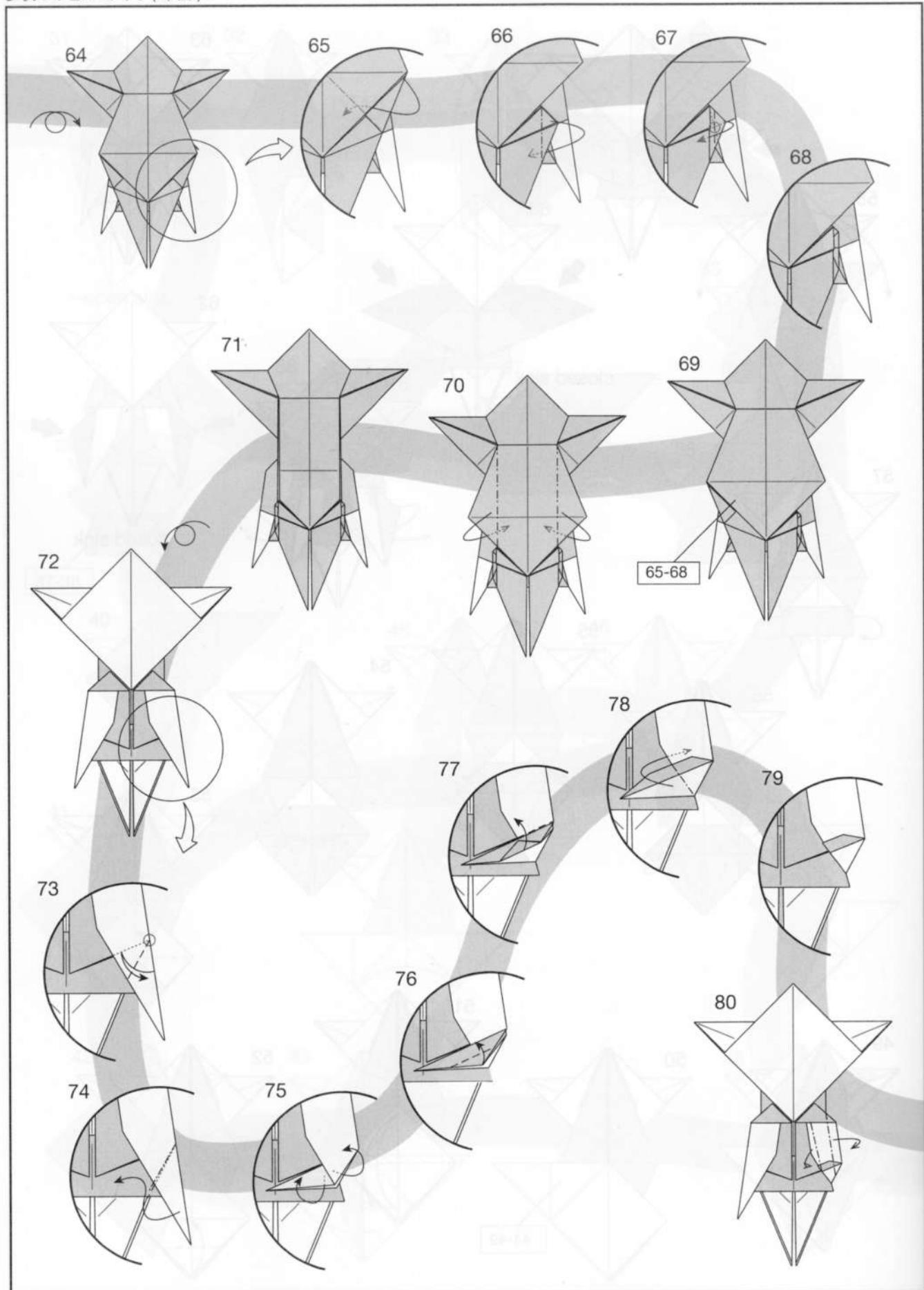
2016/8

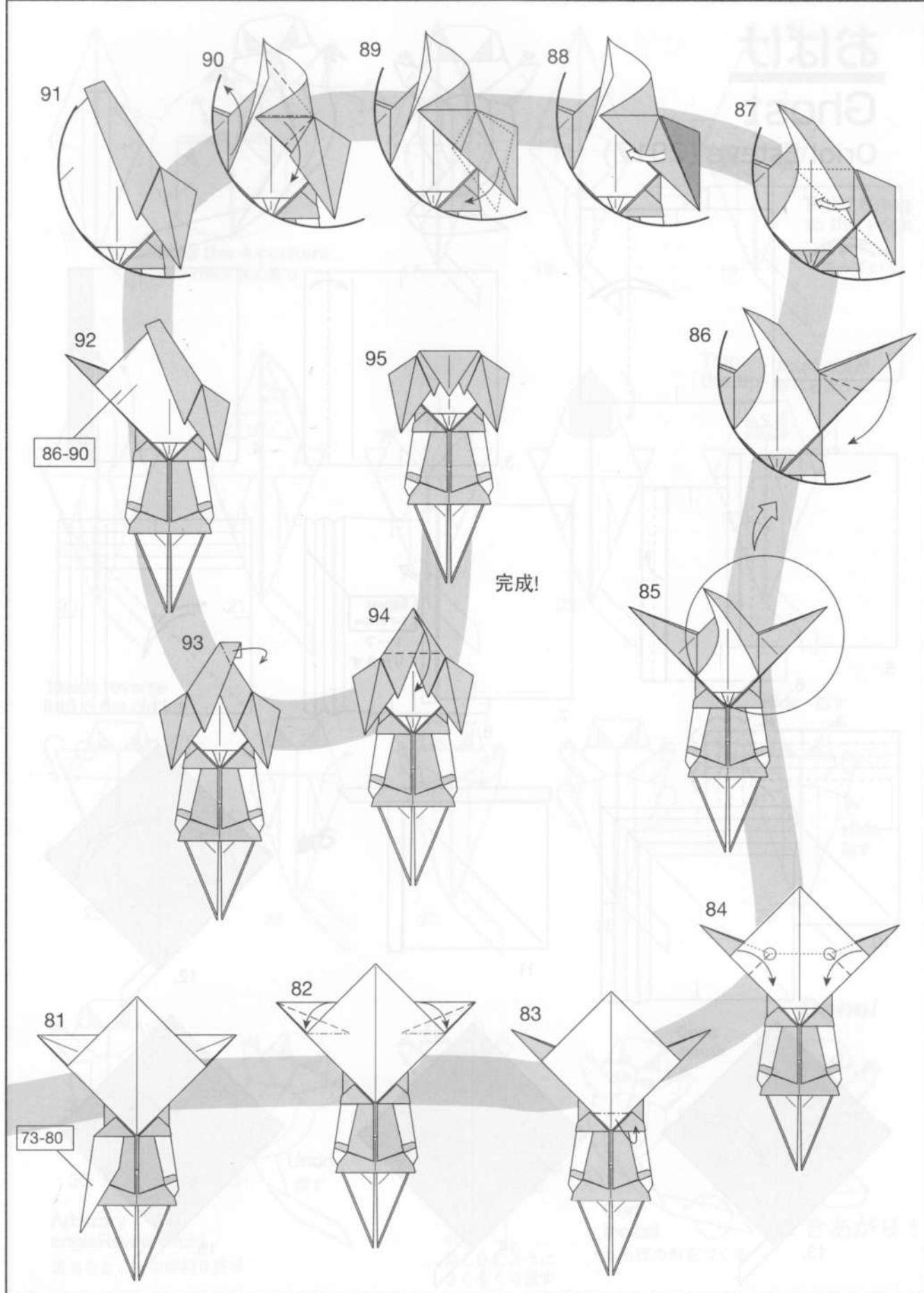








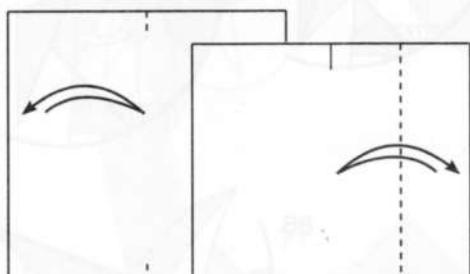
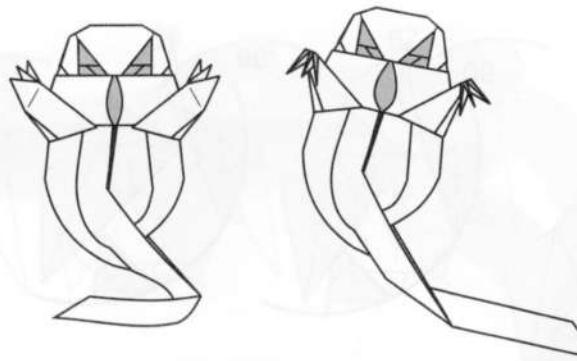




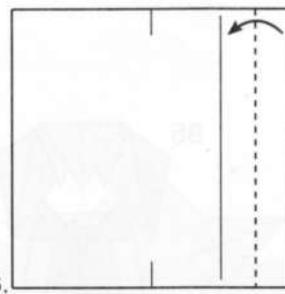
おばけ

Ghost

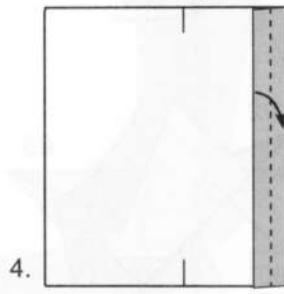
Oriol Esteve (2017)



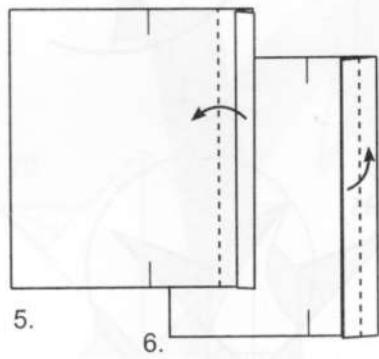
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2.



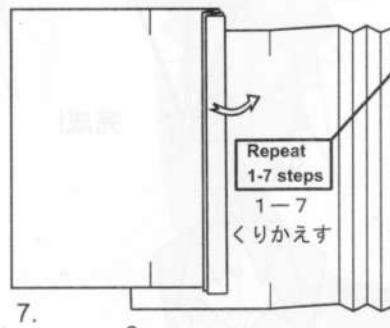
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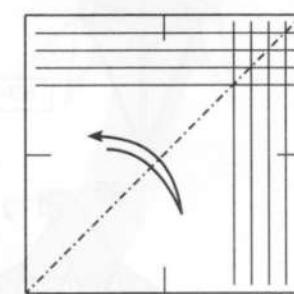
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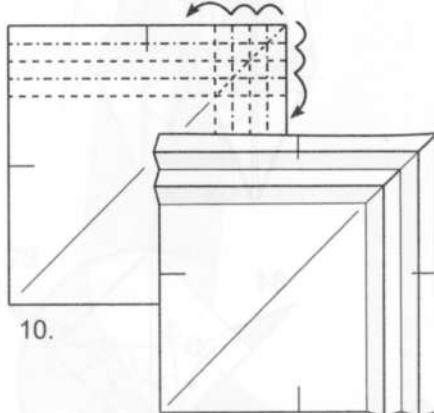
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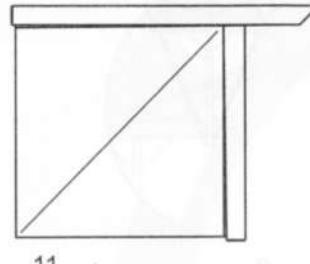
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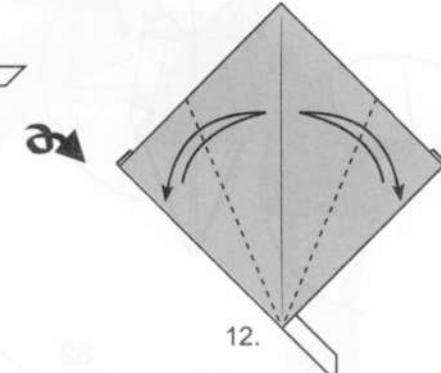
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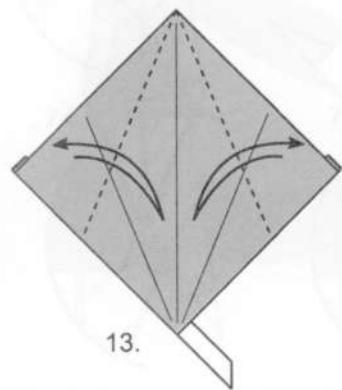
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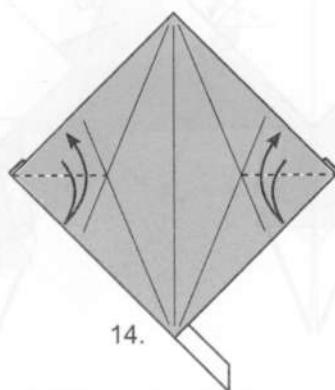
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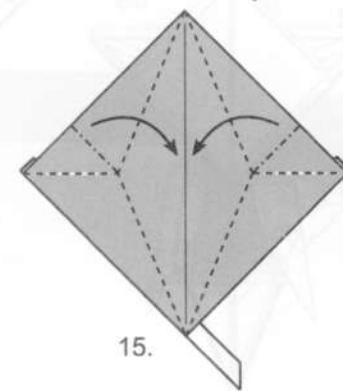
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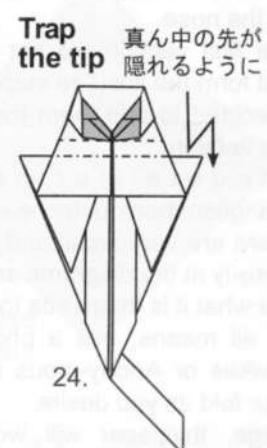
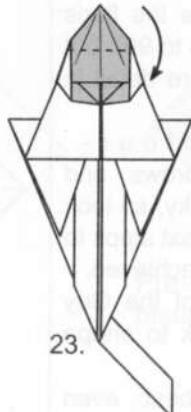
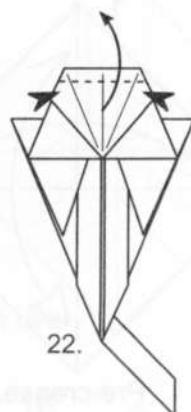
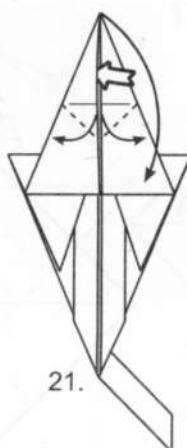
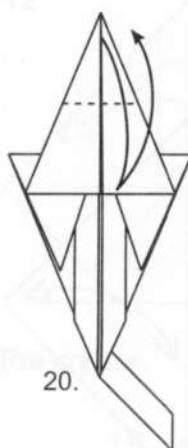
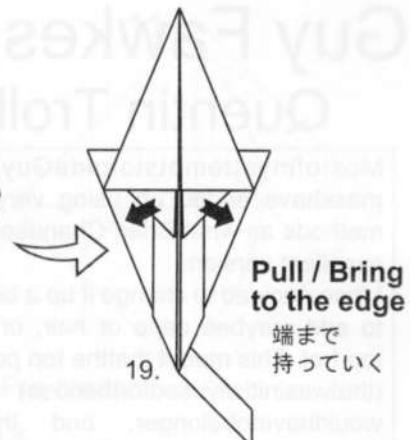
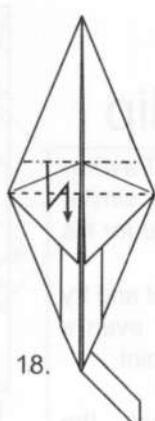
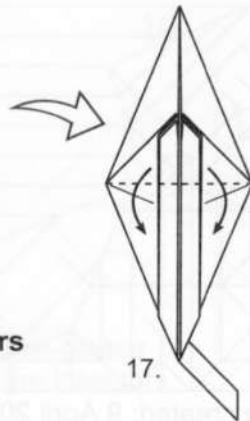
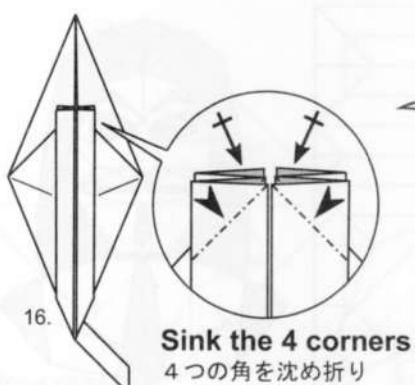
13.



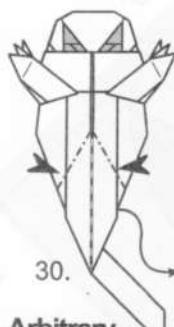
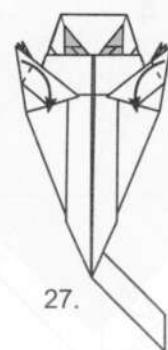
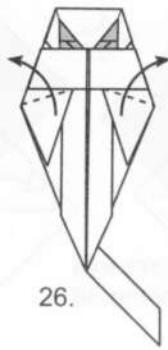
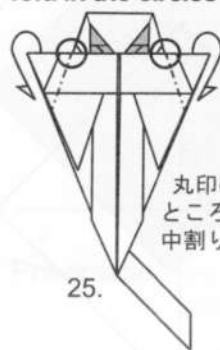
14.



15.



Inside reverse fold in the circles



Arbitrary angle Reverse fold

適当なところで中割り折り

中に差し込むように30をくり返す

Guy Fawkes

Quentin Trollip

Most of my attempts to fold a Guy Fawkes mask have ended up using very similar methods as what Brian Chan used for his excellent version.

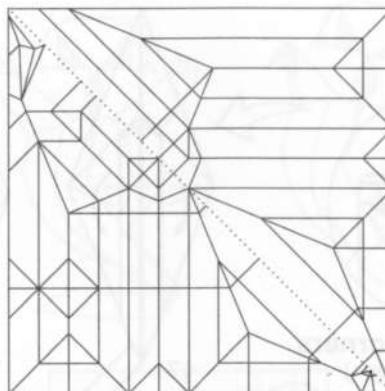
I then decided to change it up a bit and try to add maybe a cape or hair, or even a top-hat. This meant that the top point (that was initially used for the nose) would have to be longer, and that the bottom raw edge would have to be used for the nose.

The first version did not have the flaps that form the lips (see steps 88 to 90), but I decided to add them for more detail in this version.

The detail for the colour changes of the moustache, eye-brows and beard are very small and finicky, so look closely at the diagrams and next steps to see what it is that needs to be achieved.

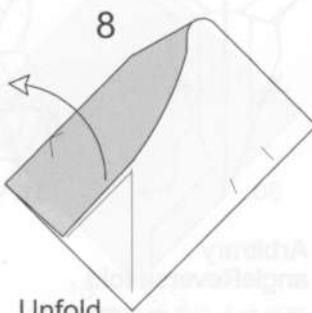
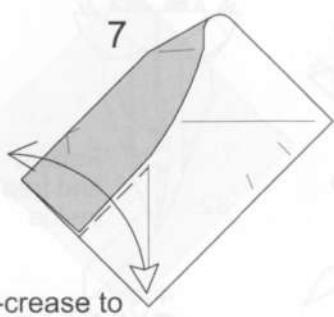
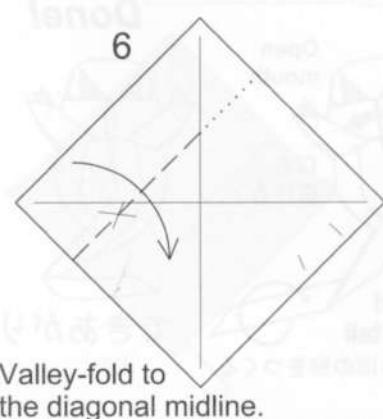
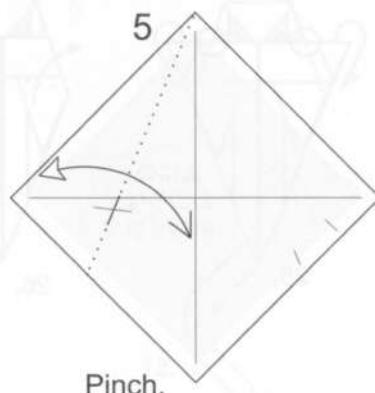
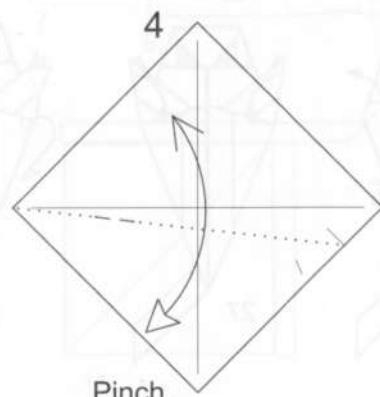
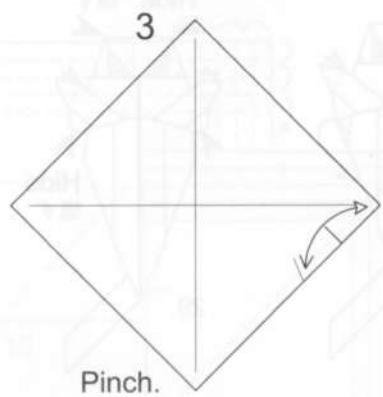
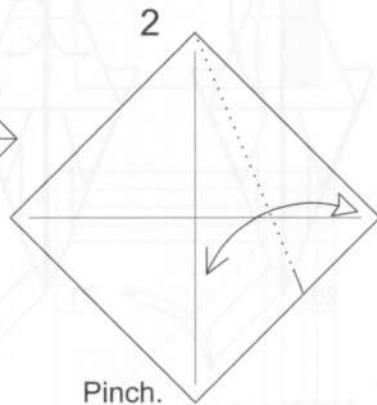
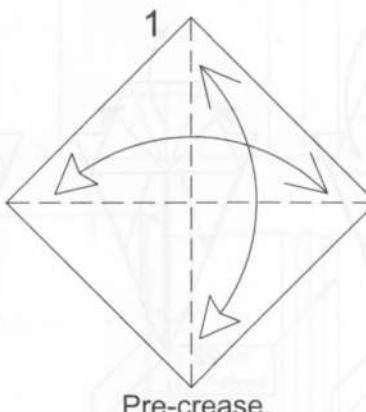
By all means, use a photo of the Guy Fawkes or Anonymous mask to shape your fold as you desire.

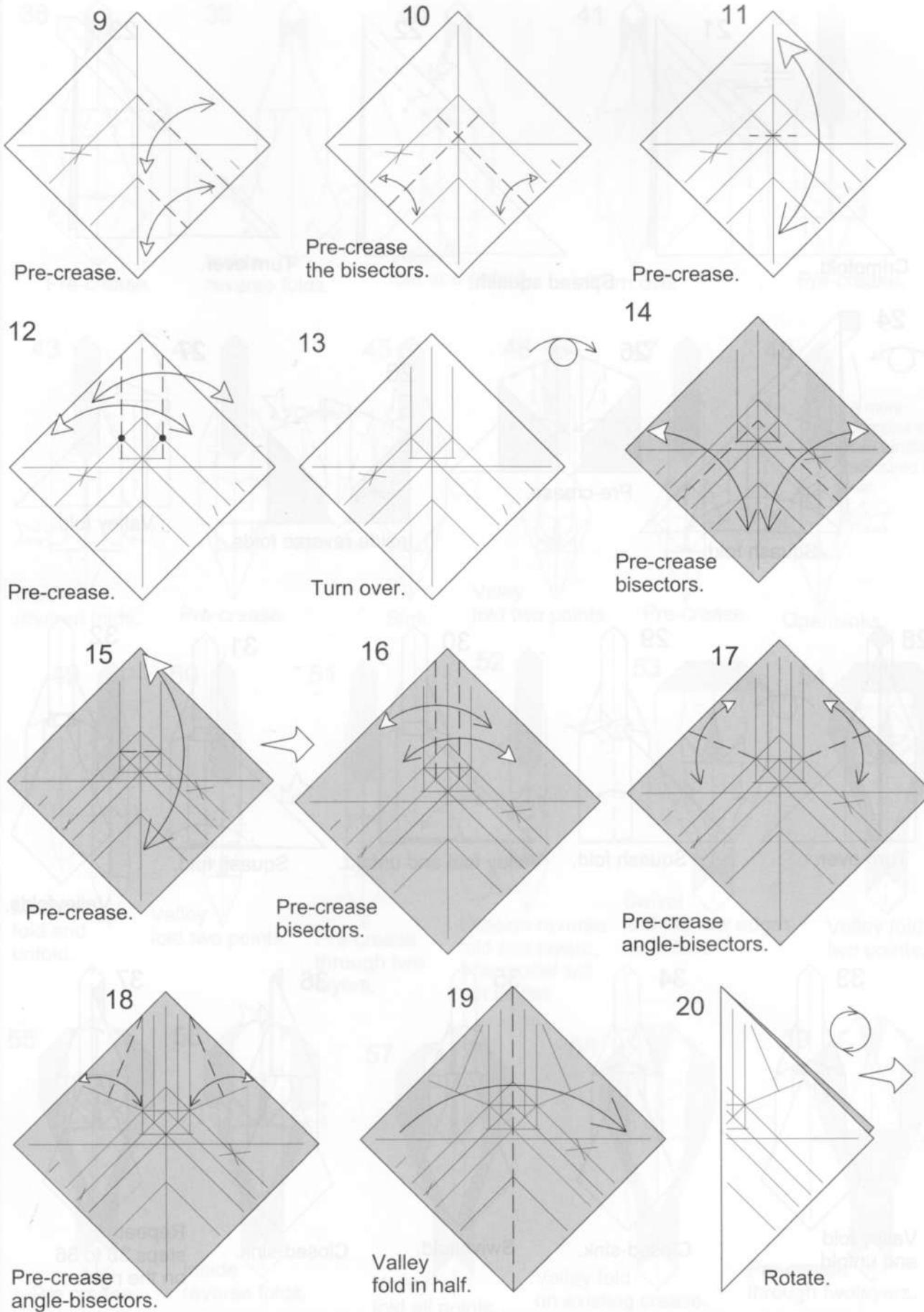
Large, thin paper will work best, even tissue-foil.

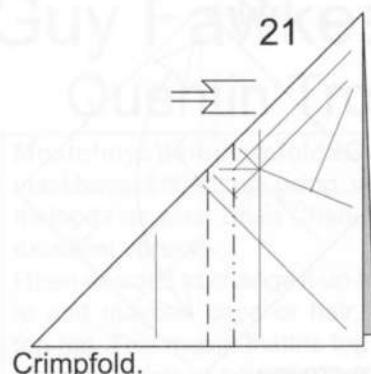


Date created: 9 April 2016

Recommended size and ratio: 50 cm = 21 cm high



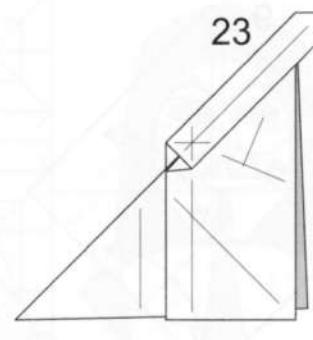




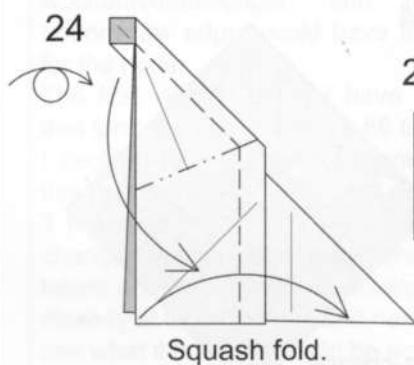
Crimpfold.



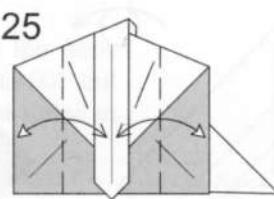
Spread squash.



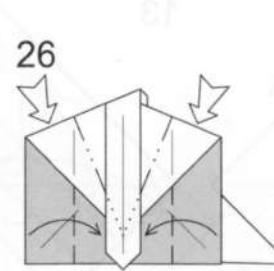
Turn over.



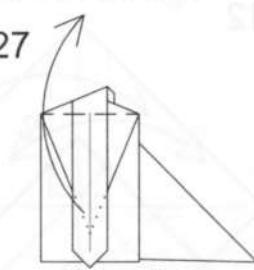
Squash fold.



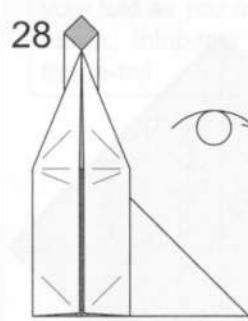
Pre-crease.



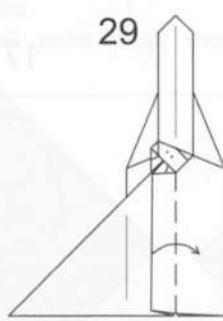
Inside reverse folds.



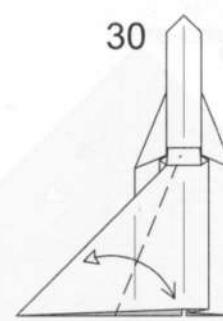
Valley fold.



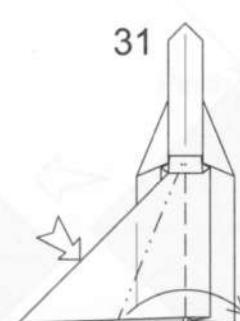
Turn over.



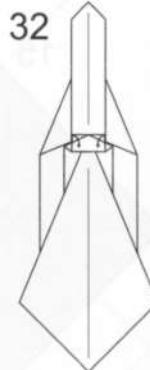
Squash fold.



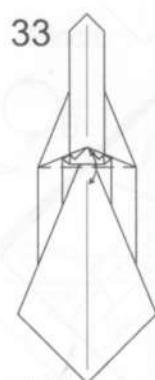
Valley fold and unfold.



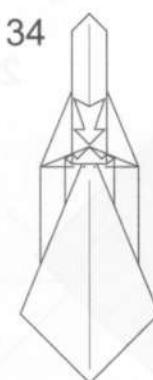
Squash fold.



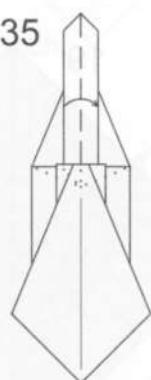
Valleyfolds.



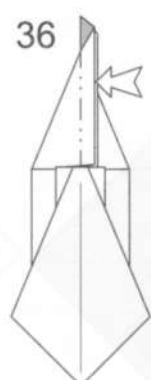
Valley fold and unfold.



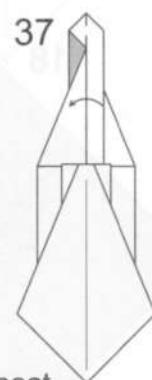
Closed-sink.



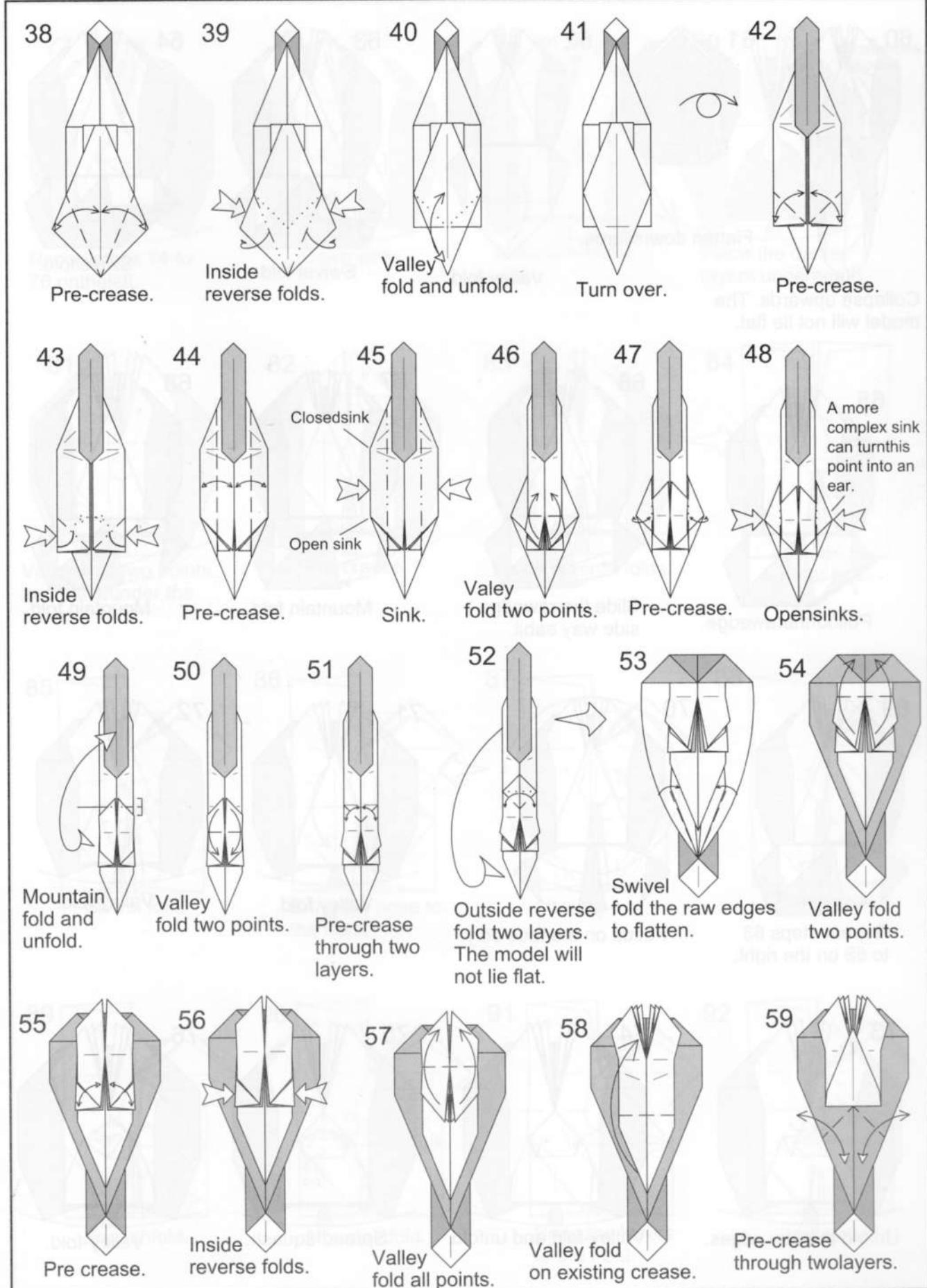
Swivelfold.

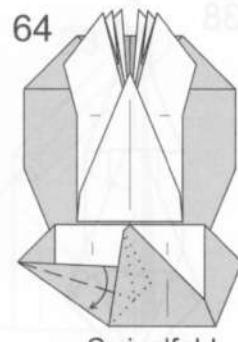
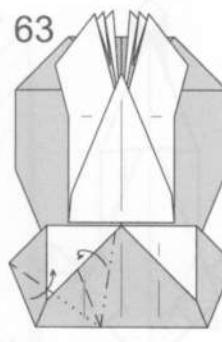
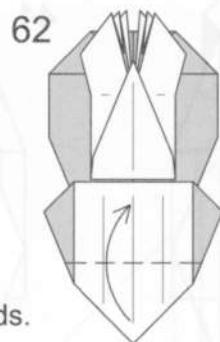
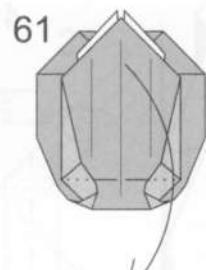
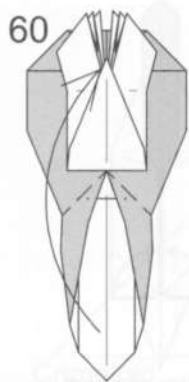


Closed-sink.



Repeat steps 35 to 36 on the right.





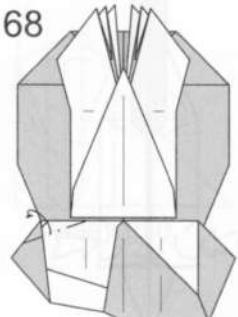
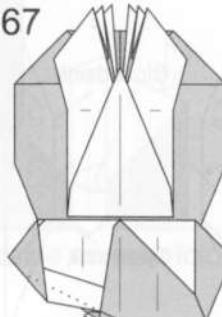
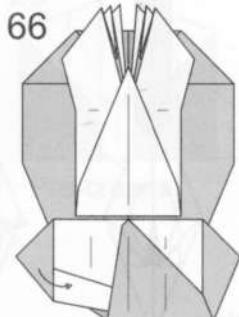
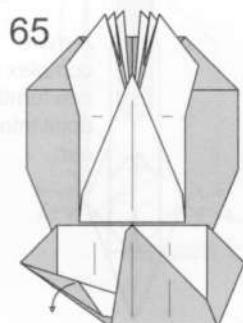
Flatten downwards.

Valley fold.

Swivel fold.

Swivelfold.

Collapse upwards. The model will not lie flat.

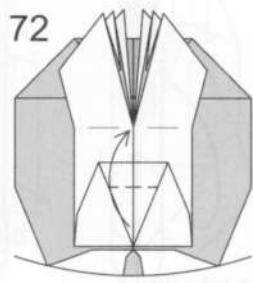
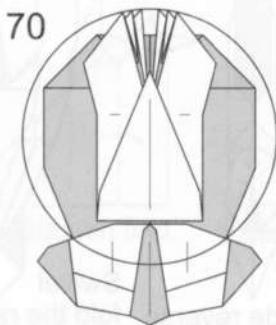
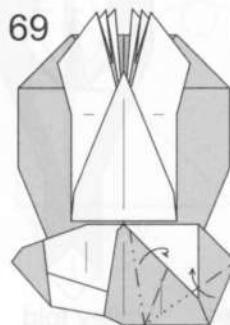


Pullouttherawedge.

Slide the rawedge side way sabit.

Mountain fold.

Mountain fold.

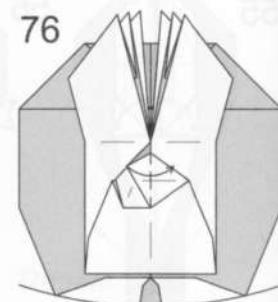
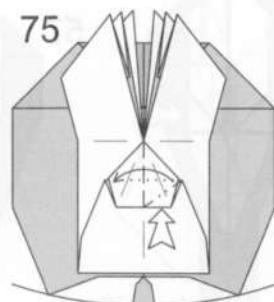
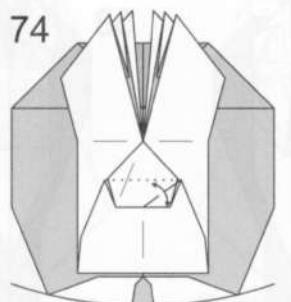
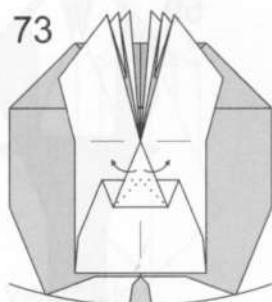


Repeat steps 63 to 68 on the right.

Focus on the face only.

Valley fold.

Valley fold.



Unfold the raw edges.

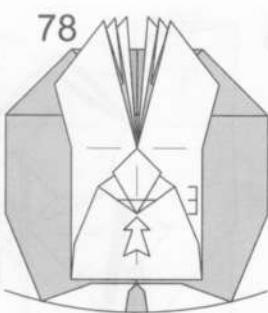
Valley-fold and unfold.

Spread-squash.

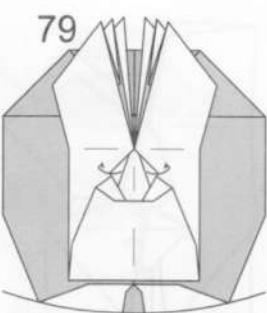
Valley-fold.



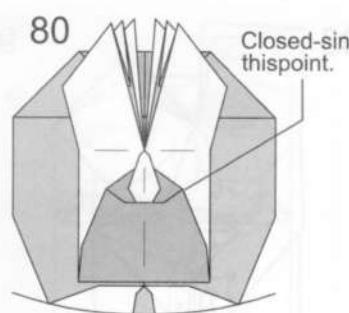
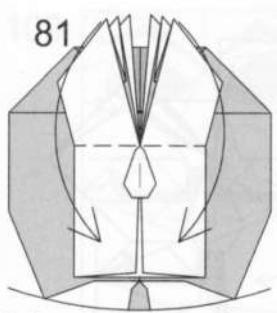
Repeatsteps 74 to 76 on the left.



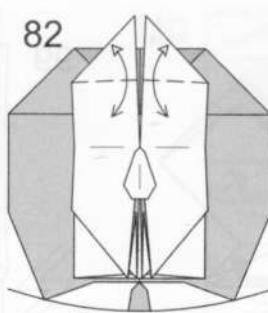
Open-sink.



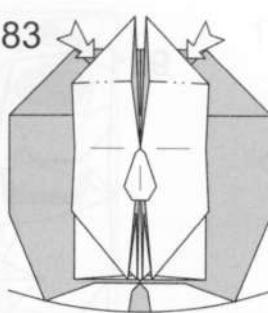
Mountain-folds.

Place the darker layers underneath.
Closed-sink this point.

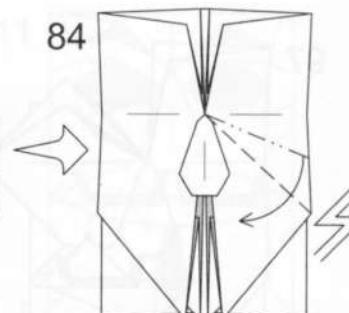
Valley-fold two points and place under the nose.



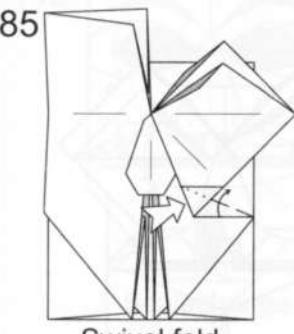
Pre-crease.



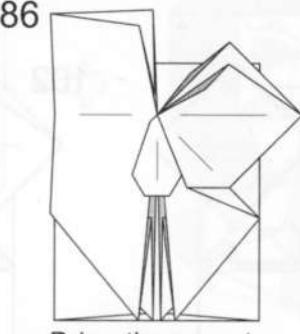
Inside reverse folds.



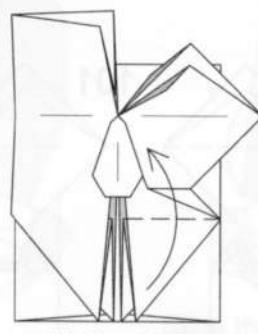
Pleat fold.



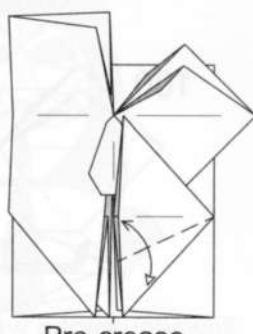
Swivel fold.



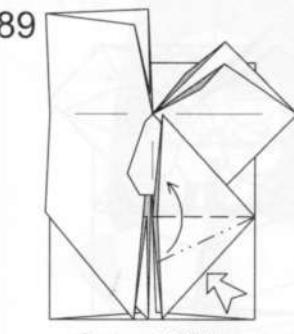
Bring the nose to the front.



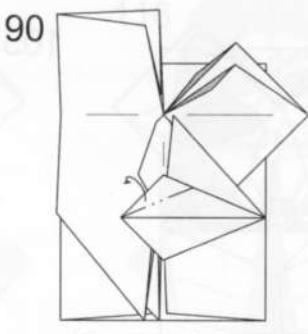
Valley fold.



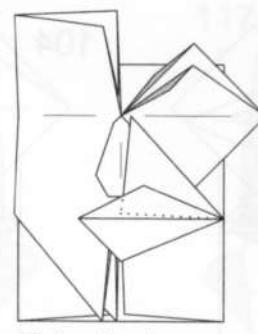
Pre-crease.



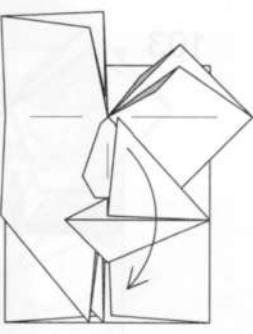
Squashfold.



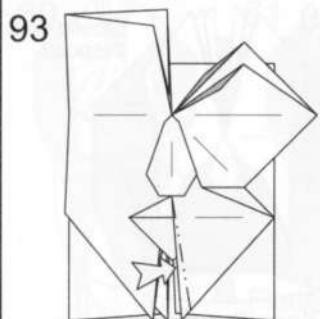
Mountainfold.



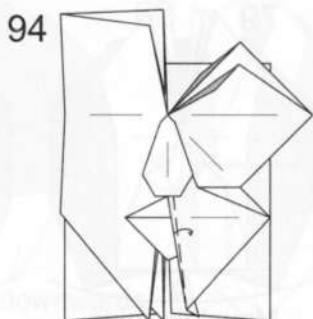
Bring the layers to the front.



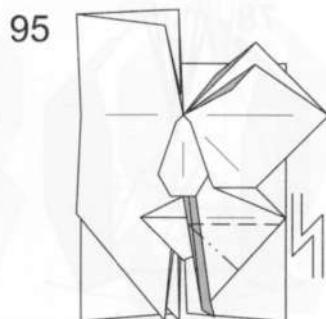
Valley fold.



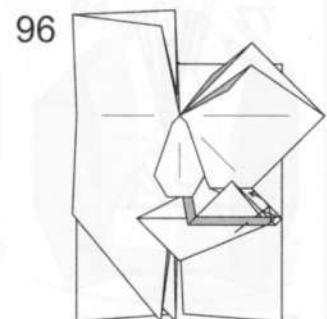
Make a very narrow inside reverse fold.



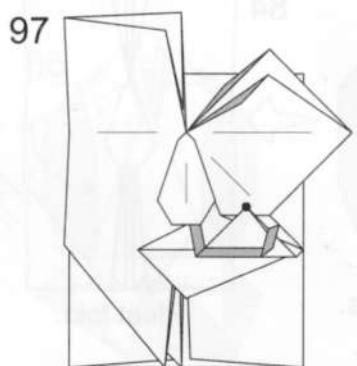
Bring the raw edge to the front to colour-change.
Repeat behind.



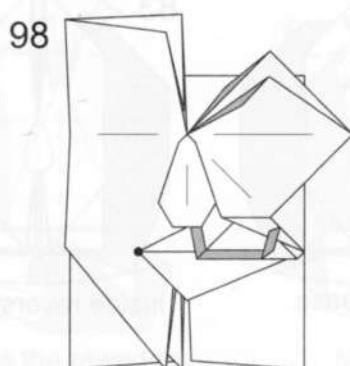
Pleat fold.



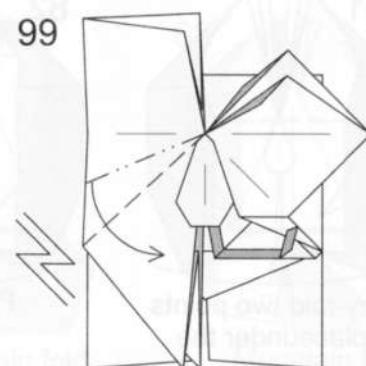
Valley fold.



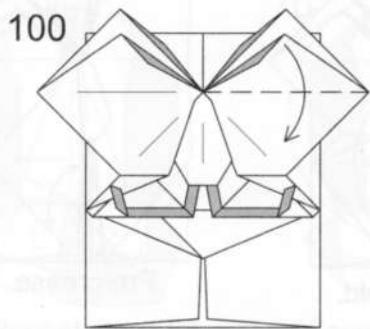
Place the layers under.



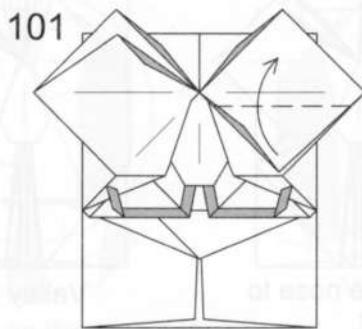
Place the point under the layers.



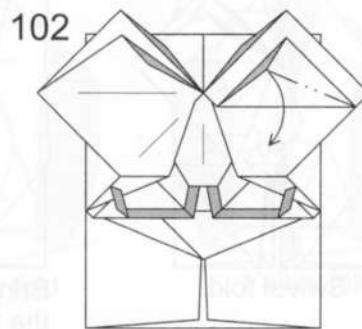
Repeat steps 84 to 98 on the left.



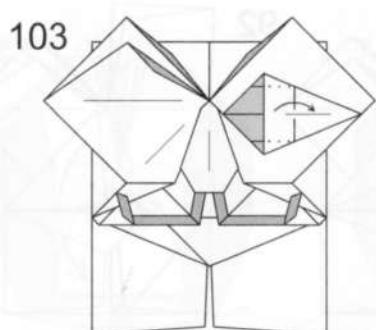
Valleyfold.



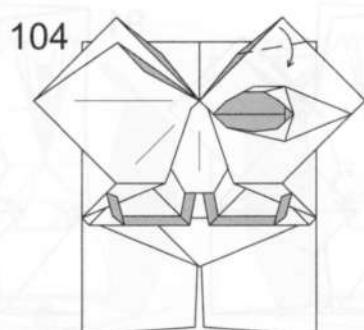
Valleyfold.



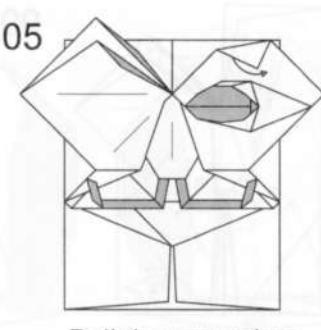
Squashfold.



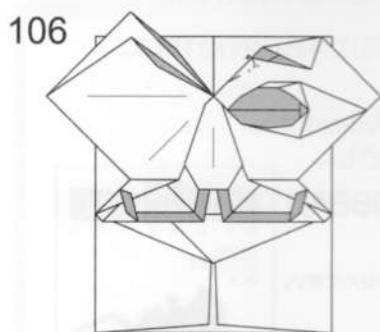
Shape the eye..



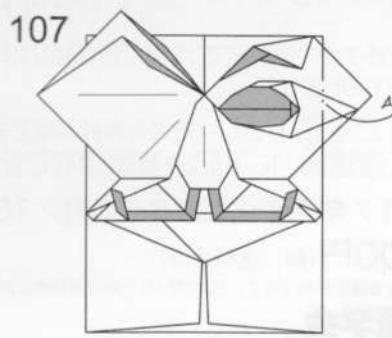
Valley fold.



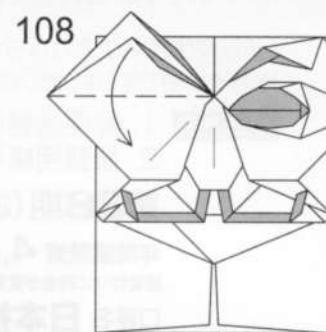
Pull the raw edge out a bit.



Mountain fold the raw edge.



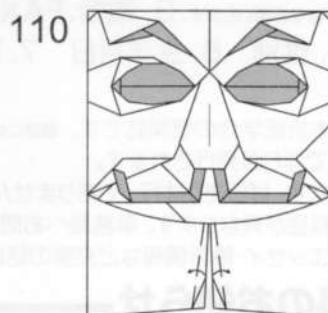
Mountain fold.



Repeat steps 100 to 107 on the left.



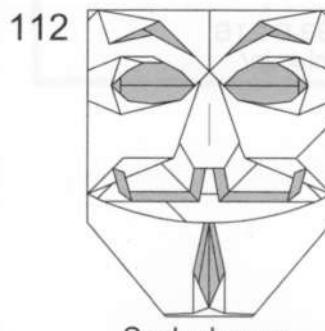
Shape the lips.



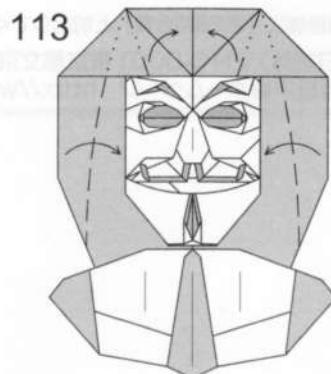
Swivel fold the raw edges.



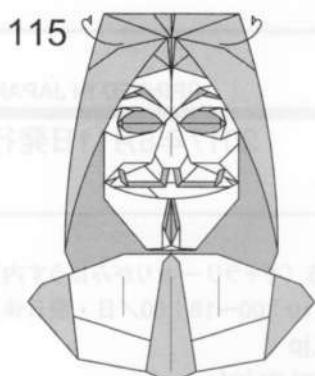
Mountain folds.



Scale change.



Slide the seraw edges up as well.
You will have to release paper
from the back of the face to do
this.



Further shaping
of the head.



Popout the nose and
shape the face.



Remember remember
the fifth of November!

『折紙探偵団マガジン』年間購読のご案内

『折紙探偵団マガジン』は日本折紙学会の機関誌です。隔月刊(奇数月25日発行)で年6回発行されます。
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表紙フルカラー/本文42ページ
(カラー口絵6ページ含む)

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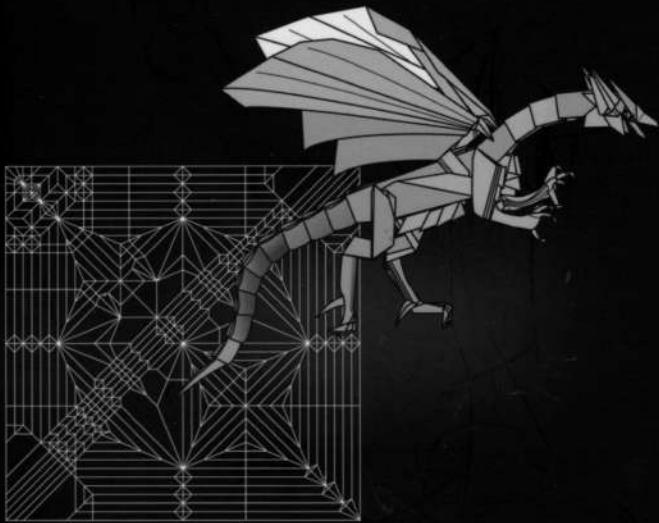
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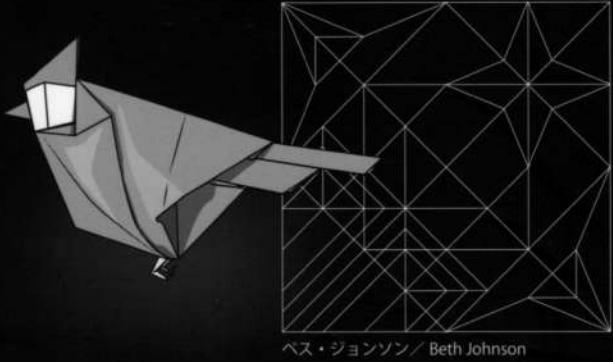
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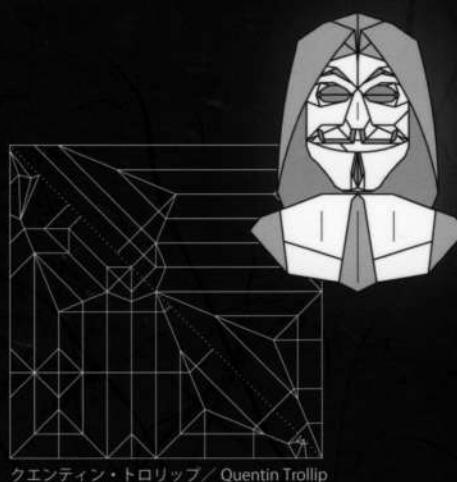
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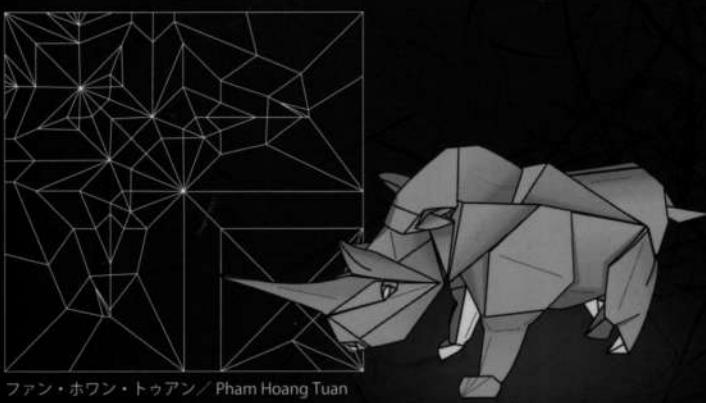
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