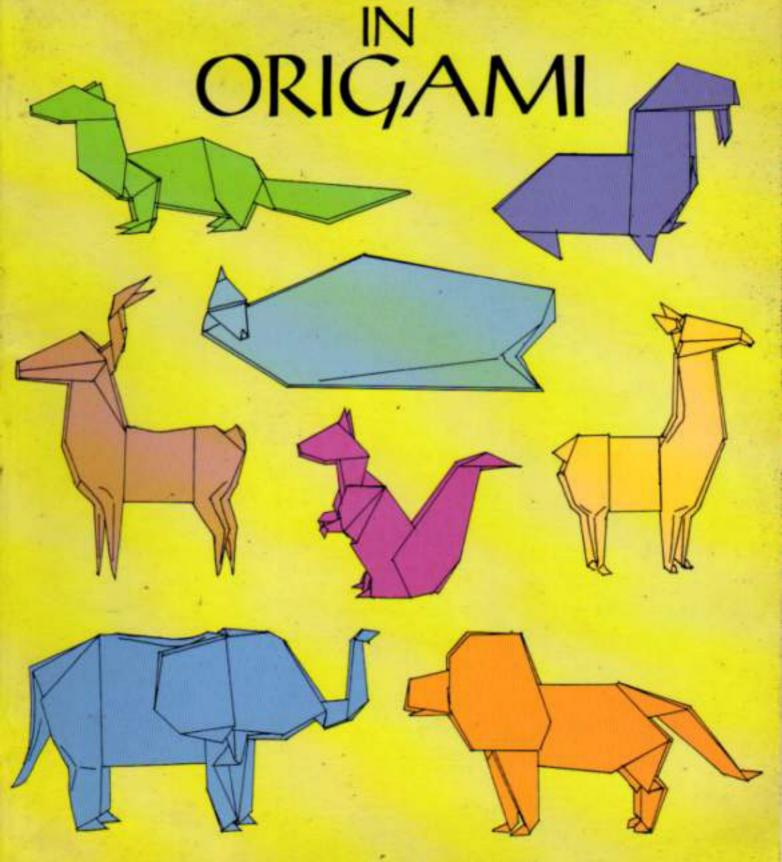
FAVORITE ANIMALS



John Montroll

FAVORITE ANIMALS IN ORIGAMI

John Montroll



DOVER PUBLICATIONS, INC.
Mineola, New York

Copyright

Copyright © 1996 by John Montroil. All rights reserved under Pan American and International Copyright Conventions.

Published in Canada by General Publishing Company. Ltd., 30 Lesmill Road, Don Mills, Toronto, Ontario.

Published in the United Kingdom by Constable and Company: Ltd., 3 The Lanchesters, 162–164 Fulham Palace Boad, London W6 9ER.

Bibliographical Note

Facorite Animals in Origami is a new work, first published by Dover Publications, Inc. in 1996.

Library of Congress Cataloging-in-Publication Data

Montroll, John.

Favorite animals in origami / John Montroll.

ISBN 0-486-29136-7 (pbk.)

Origami. 2. Animals in art. 1. Title. TT870.M555 1996

736'.982-dc20

96-14937

CIP

Introduction

Of all the possible models to fold, mammals are among my favorites. Here is a collection of a dozen mammals ranging in skill level from intermediate to highintermediate.

The diagrams follow the internationally approved Randlett-Yoshizawa style, which is easy to follow once you have learned the basic folds. You can use any kind of square paper for these models, but the best results and most precise folding can be achieved using standard origami paper, which is colored on one side and white on the other. In these diagrams, the shading represents the colored side. Origami paper can be found in many hobby shops or purchased by mail from Origami USA, a non-profit organization of dedicated paperfolders. For more information about the group, send a self-addressed, business-size envelope with two first-class stamps to:

Origami USA 15 West 77th St. New York, NY 10024-5192

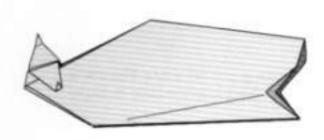
Origami paper, and a catalog of other available craft books, can also be ordered from Dover Publications, Inc., at:

Dover Publications, Inc. 31 East 2nd St. Mineola, NY 11501

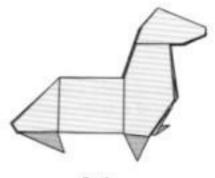
I hope you enjoy folding these as much as I did creating them.

John Montroll

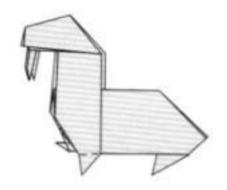
Contents



Whale Page 9



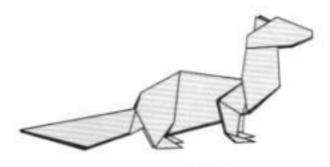
Seal Page 11



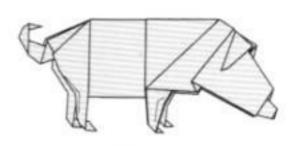
Walrus Page 14



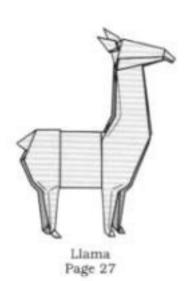
Squirrel Page 17

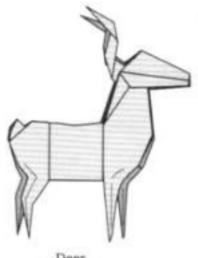


Mink Page 20

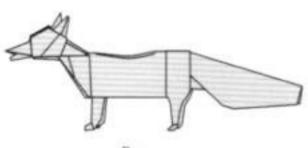


Pig Page 24

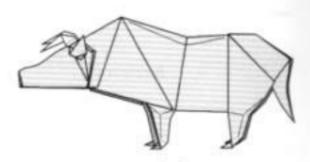




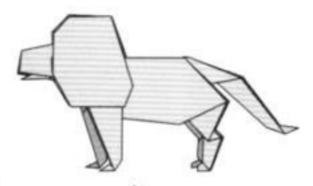
Deer Page 30



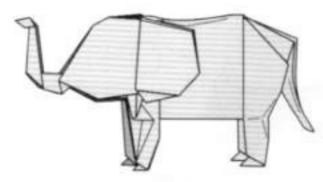
Fox Page 34



Bull Page 38



Lion Page 42



Elephant Page 45

Symbols

Lines

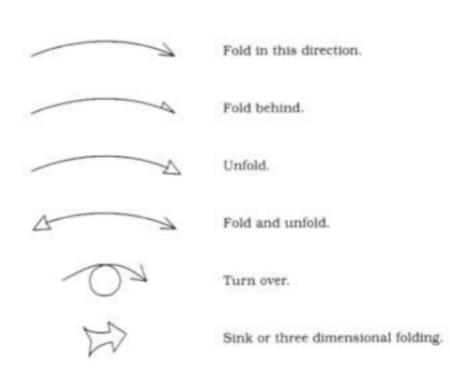
Valley fold, fold in front.

Mountain fold, fold behind.

Crease line.

X-ray or guide line.

Arrows

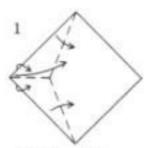


Place your finger between these layers.

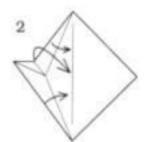
Basic Folds

Rabbit Ear.

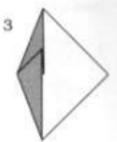
To fold a rabbit ear, one corner is folded in half and laid down to a side.



Fold a rabbit ear.



A three-dimensional intermediate step.



Double Rabbit Ear.

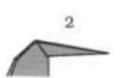
If you were to bend a straw you would be folding the double rabbit ear.



(Straw)



Make a double rabbit ear.

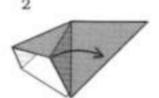


Squash Fold.

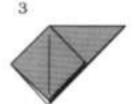
In a squash fold, some paper is opened and then made flat. The shaded arrow shows where to place your finger.



Squash-fold.

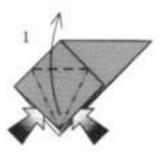


A three-dimensional intermediate step.

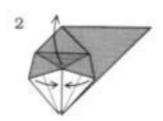


Petal Fold.

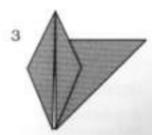
In a petal fold, one point is folded up while two opposite sides meet each other.



Petal-fold.



A three-dimensional intermediate step.



Inside Reverse Fold.

In an inside reverse fold, some paper is folded between layers. Here are two examples.



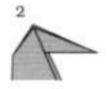
Reverse-fold.





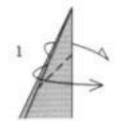


Reverse-fold.



Outside Reverse Fold.

Much of the paper must be unfolded to make an outside reverse fold.

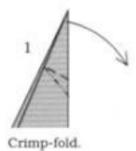


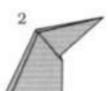
Outside-reverse-fold.



Crimp Fold.

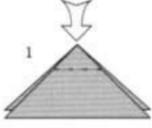
A crimp fold is a combination of two reverse folds.





Sink Fold.

In a sink fold, some of the paper without edges is folded inside. To do this fold, much of the model must be unfolded.



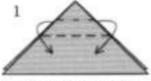
Sink.



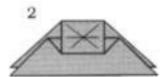


Spread Squash Fold.

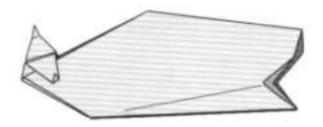
A cross between a squash fold and a sink fold; some paper in the center is spread apart and then made flat.

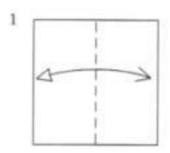


Spread-squash-fold.

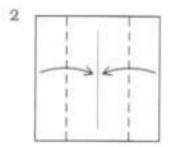


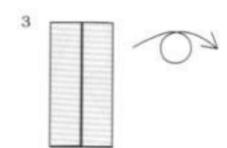
Whale



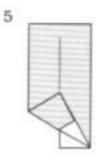


Fold and unfold.

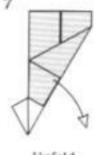




Fold the corner to the center line.

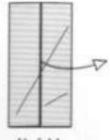






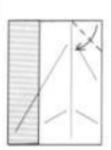
Unfold.

8

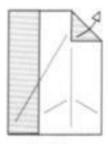


Unfold.

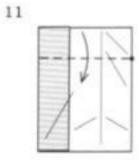
9

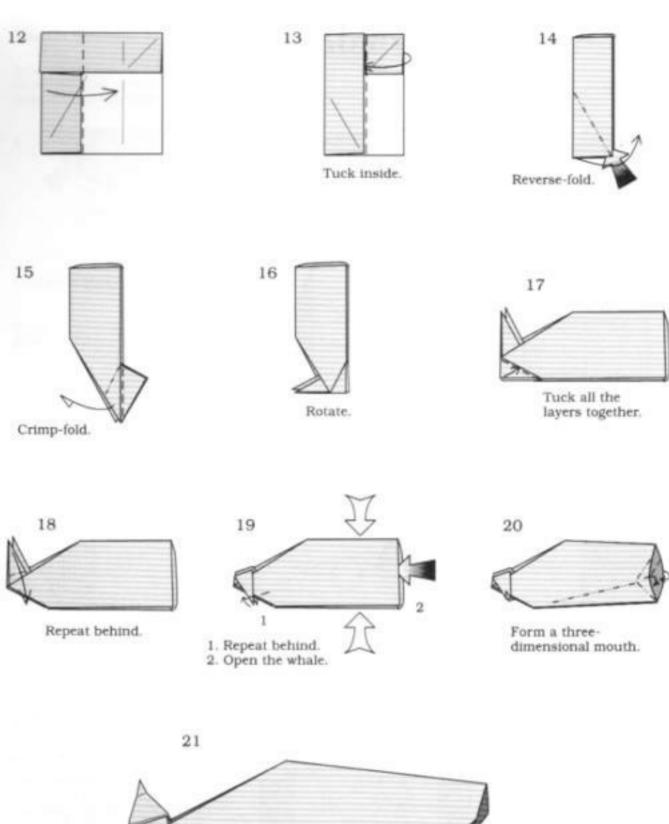


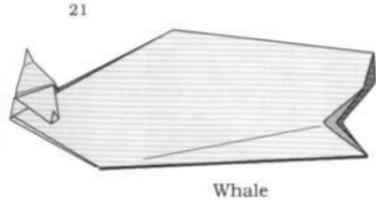
10



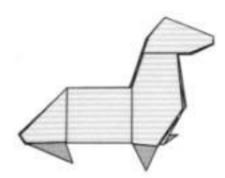
Unfold.

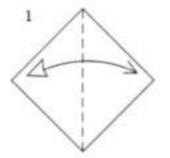




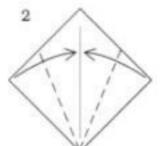


Seal

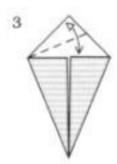




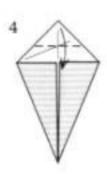
Fold and unfold along the diagonal.



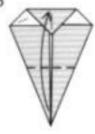
Kite-fold.



Fold and unfold.



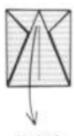
5



6



7

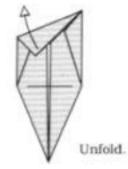


Unfold.



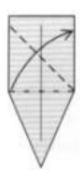


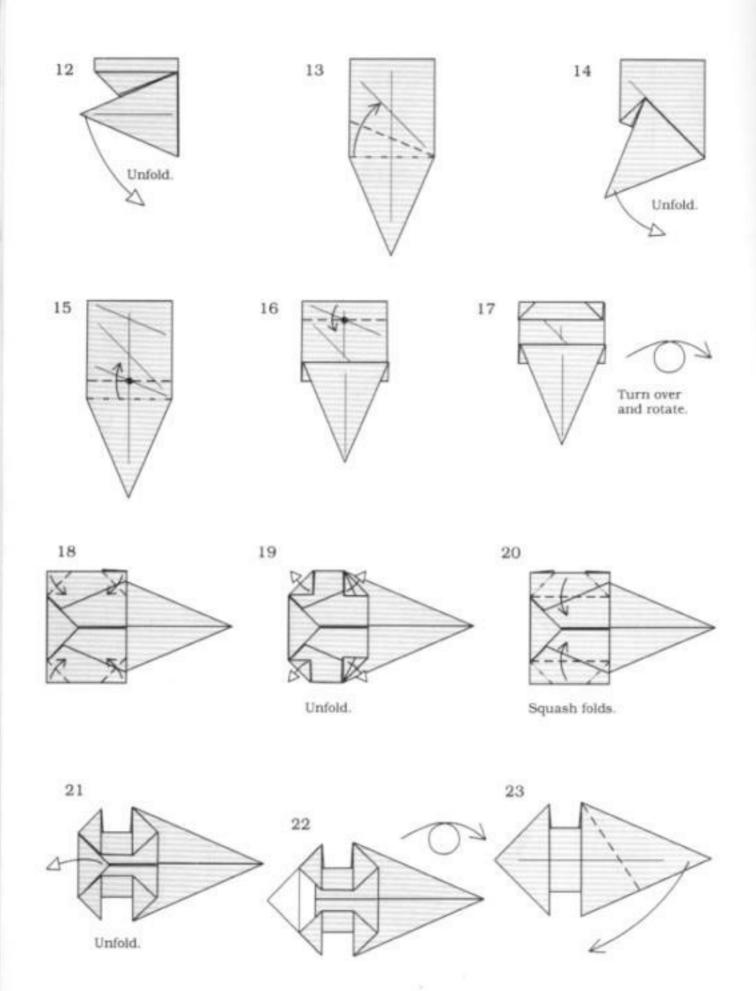
a



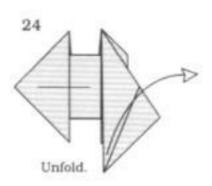
10

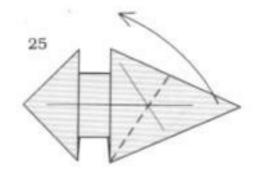


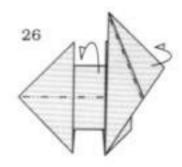


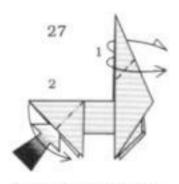


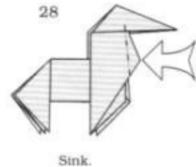
12 Favorite Animals in Origami

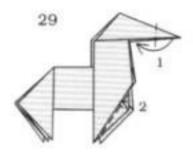






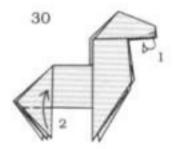




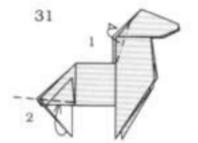


- 1. Outside-reverse-fold.
- 2. Reverse-fold.

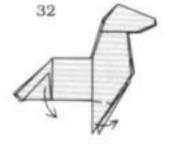
Reverse-fold.
 Tuck inside, repeat behind.



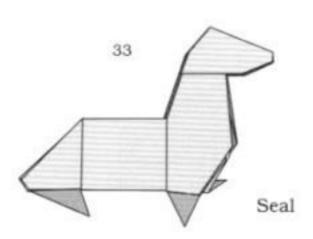
Repeat behind.



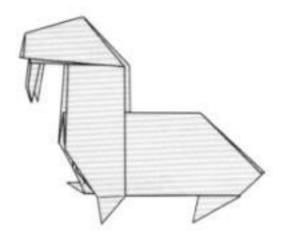
Repeat behind.
 Tuck inside.



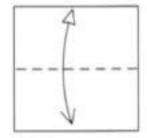
Fold the legs out, repeat behind.



Walrus

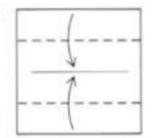


1



Fold and unfold.

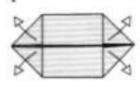
2



3



A



Unfold.



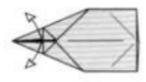
5



6



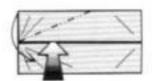
7



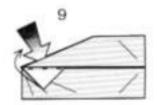
Unfold.



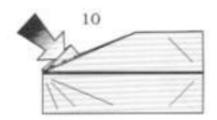
8



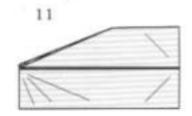
Reverse-fold.



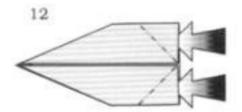
Reverse-fold.



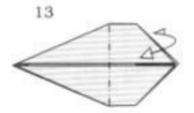
Reverse-fold.



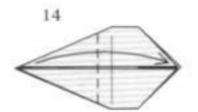
Repeat steps 8-10 below.



Reverse folds.

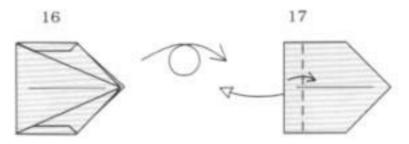


Fold and unfold.

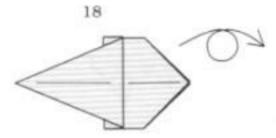


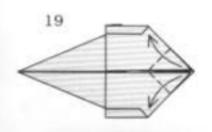


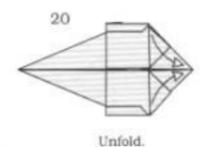


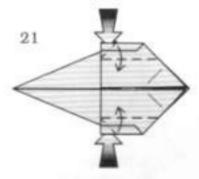


Fold on the crease.

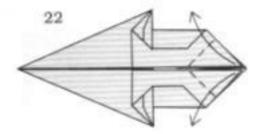


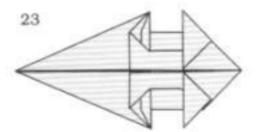




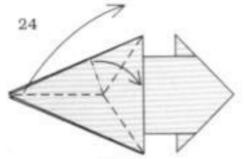


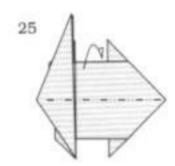
Squash folds.

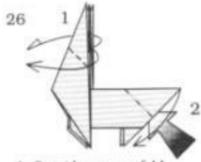






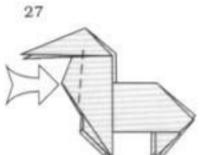


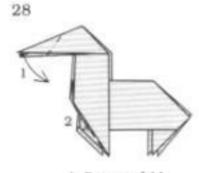


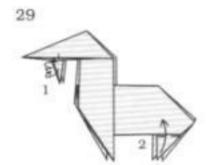


Rabbit-ear.

Outside-reverse-fold.
 Reverse-fold.



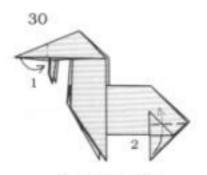


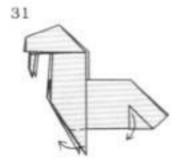


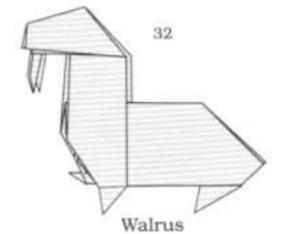
Sink

Reverse-fold.
 Tuck inside.
 Repeat behind.

Repeat behind.



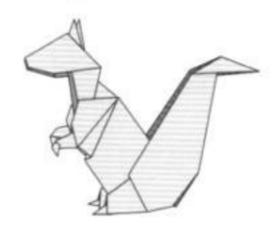


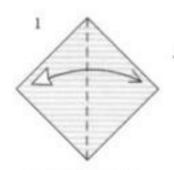


- 1. Reverse-fold.
- 2. Tuck inside.

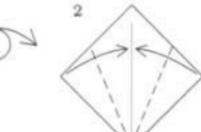
Fold the legs out, repeat behind.

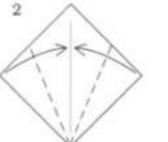
Squirrel

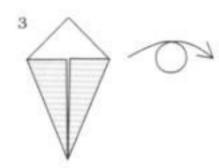


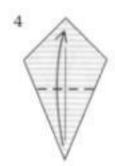


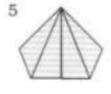
Fold and unfold along the diagonal.



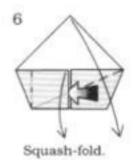






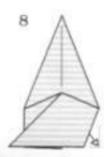




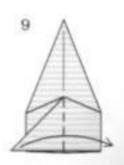


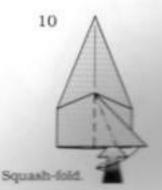


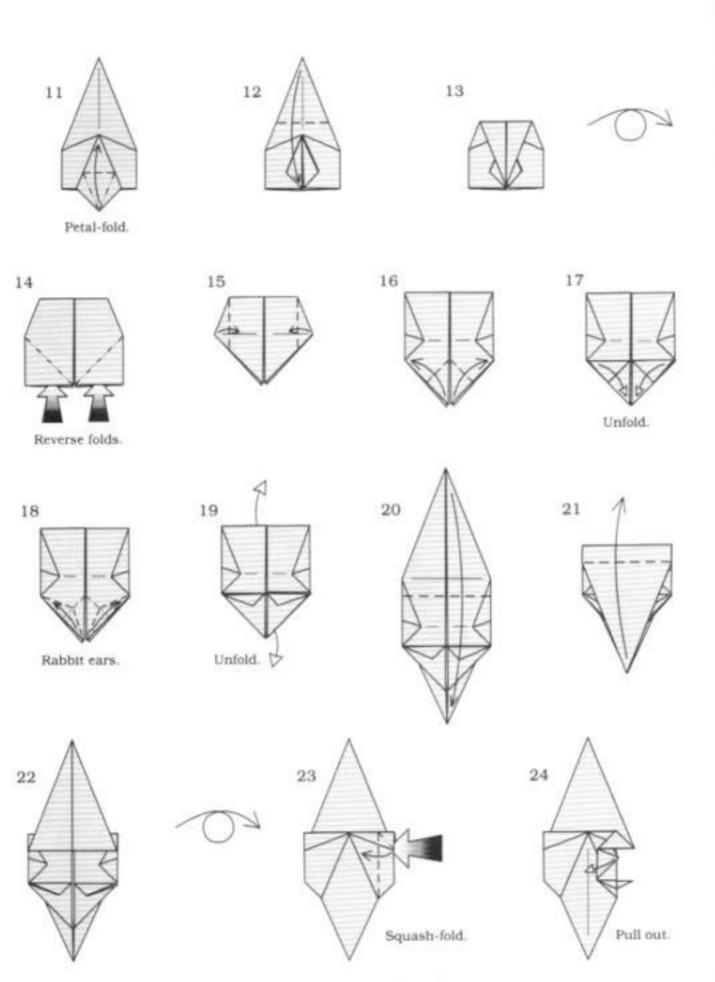
Squash-fold.

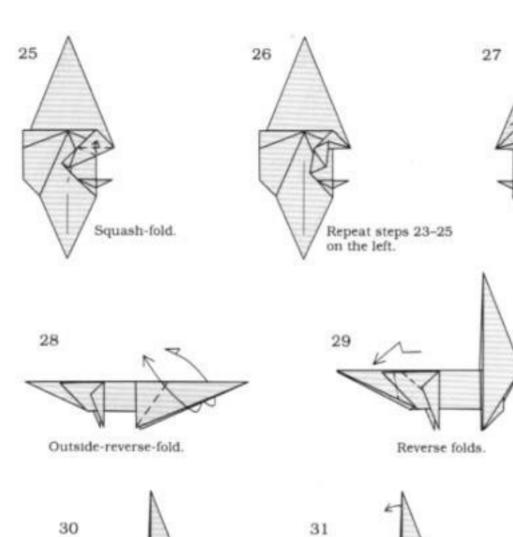


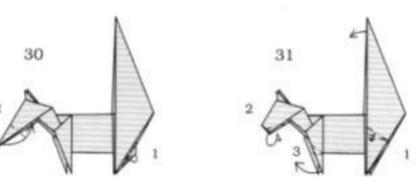
Pull out.





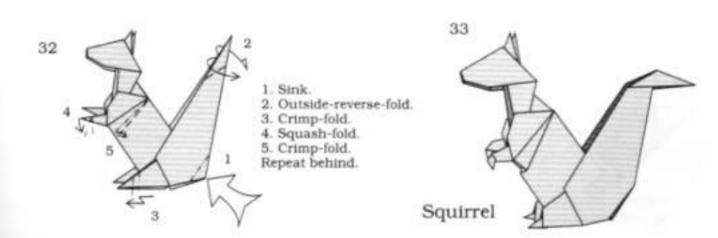






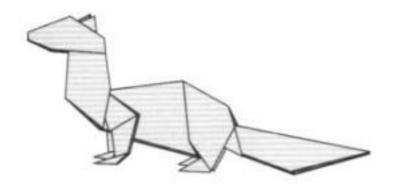
Tuck inside, repeat behind.
 Reverse-fold.

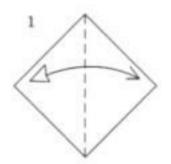
 Crimp-fold.
 Mountain-fold.
 Crimp-fold. Repeat behind.



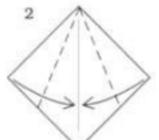
Fold in half and rotate.

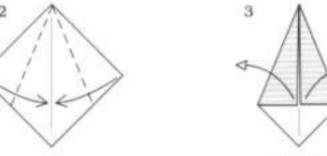
Mink

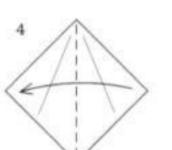




Fold and unfold along the diagonal.

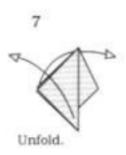




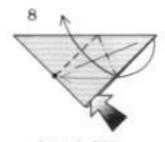




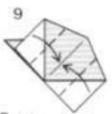




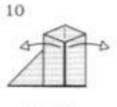
Unfold.



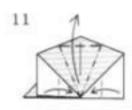
Squash-fold.



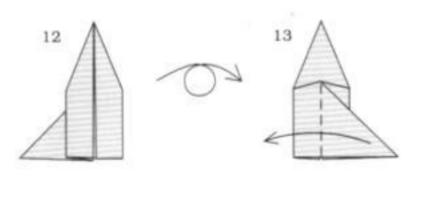
Rotate.

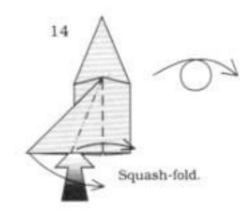


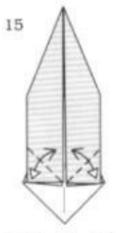
Unfold.

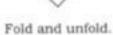


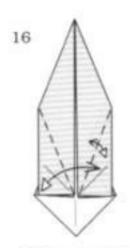
Petal-fold.











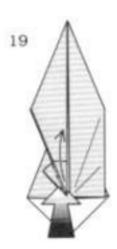
Fold and unfold.



Reverse-fold.



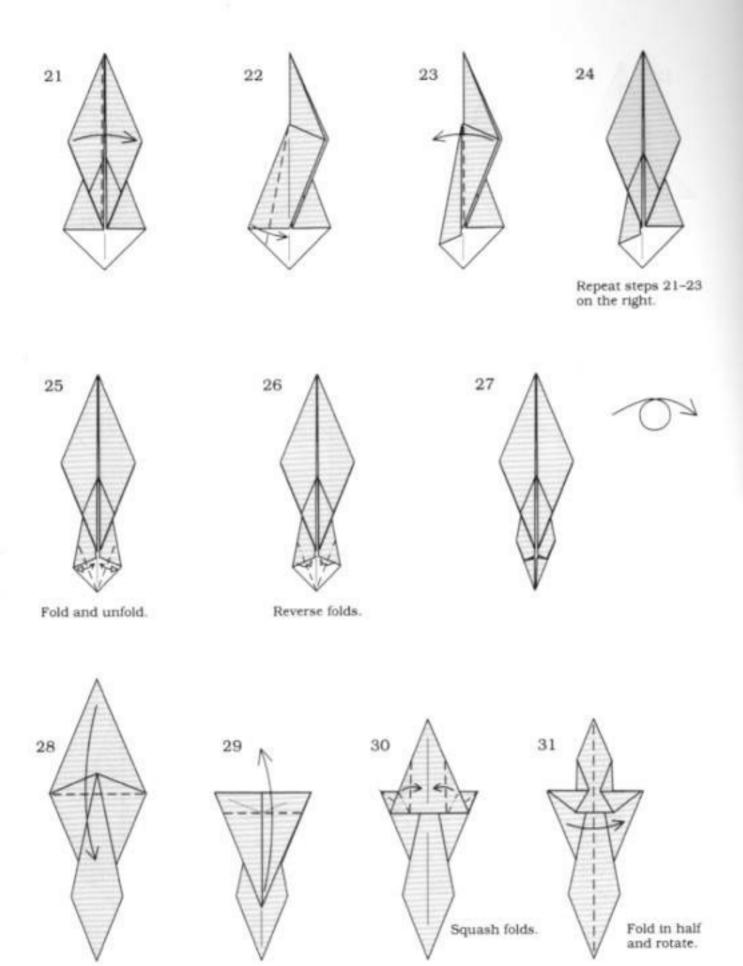
Reverse-fold.

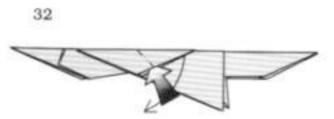


Squash-fold.

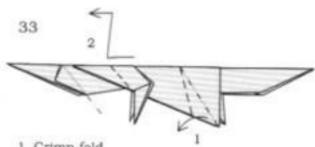


Repeat steps 17-19 on the right.

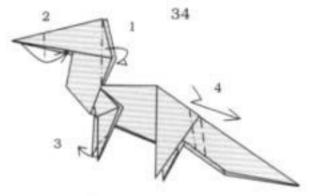




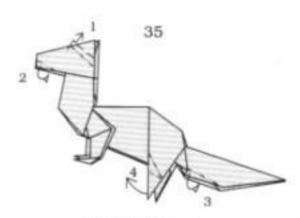
Reverse-fold. repeat behind.



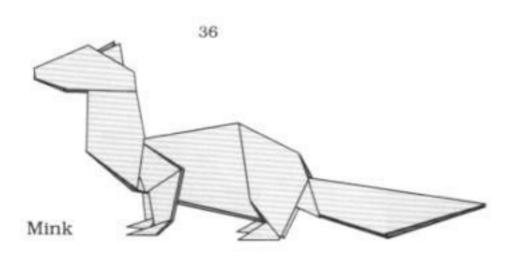
Crimp-fold.
 Outside reverse folds.



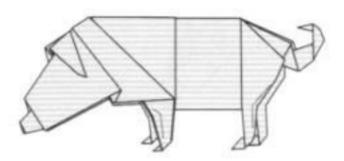
- Repeat behind.
 Reverse-fold.
 Outside-reverse-fold.
 repeat behind.
 Crimp-fold.



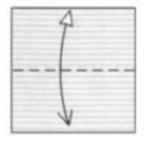
Crimp-fold.
 Repeat behind.



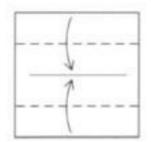
Pig



1



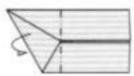
2



3



4



5



Fold and unfold.

6



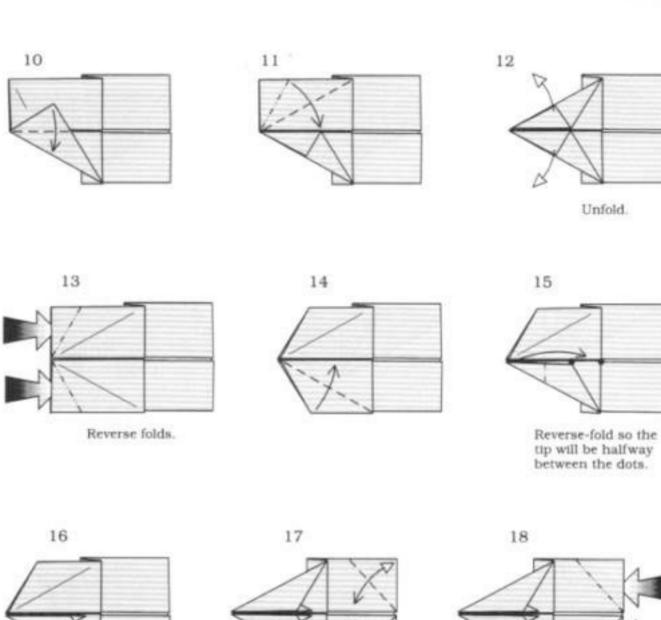
Fold to the crease while unfolding the paper from behind.

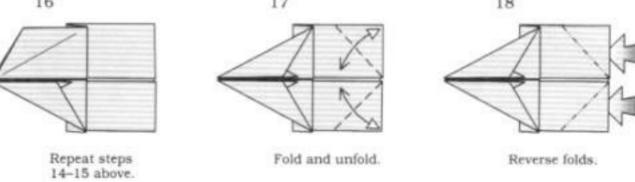
Unfold.

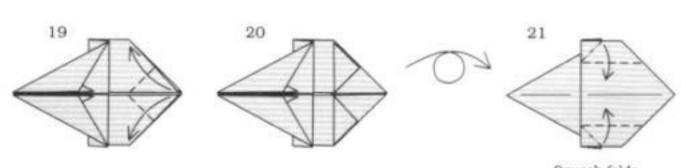
8



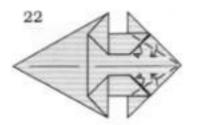


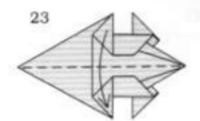






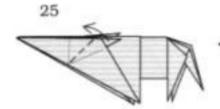
Squash folds.



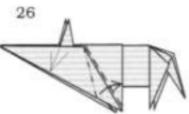




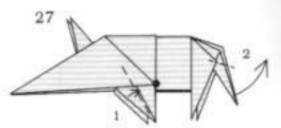
Double-rabbit-ear.



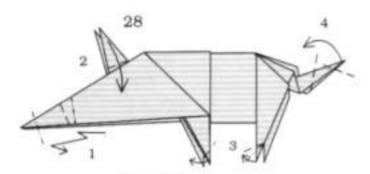




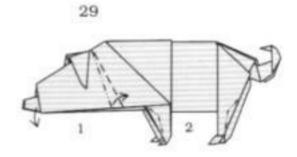
Crimp-fold.



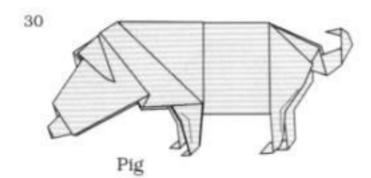
Tuck inside, repeat behind.
 Reverse-fold.



Repeat behind.

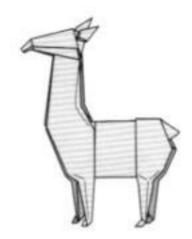


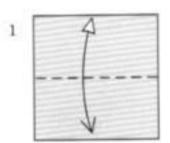
Crimp-fold.
 Shape the legs, repeat behind.

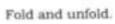


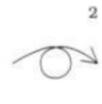
26 Favorite Animals in Origami

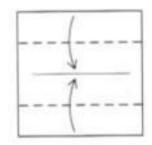
Llama

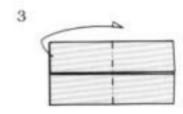














5



Unfold.







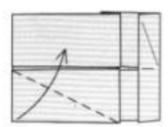


Unfold.

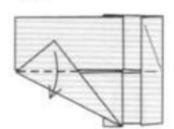




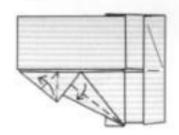




12

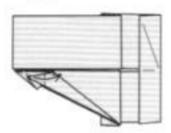


13

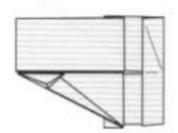


Squash-fold.

14



15



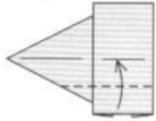
16



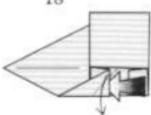


Repeat steps 11-14 above.

17

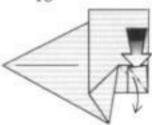


18



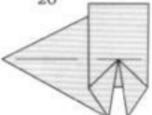
Squash-fold.



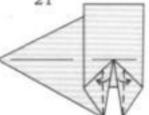


Squash-fold.

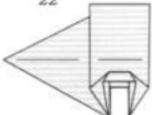




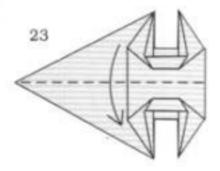
21

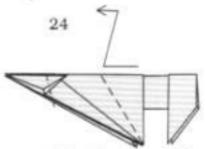


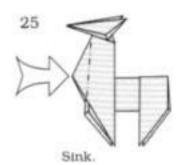
22

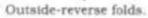


Repeat steps 17-21 above.

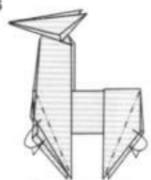












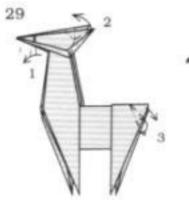


28

Repeat behind.

30

Repeat behind.

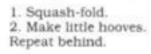




Crimp-fold.
 Rabbit-ear, repeat behind.
 Crimp-fold.

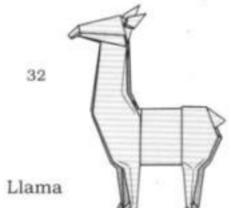


Tuck inside, repeat behind.

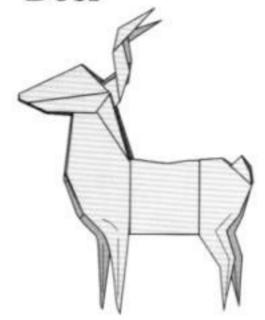


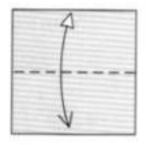


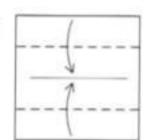
Repeat behind.

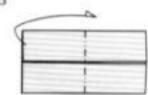


Deer









Fold and unfold.





Unfold.



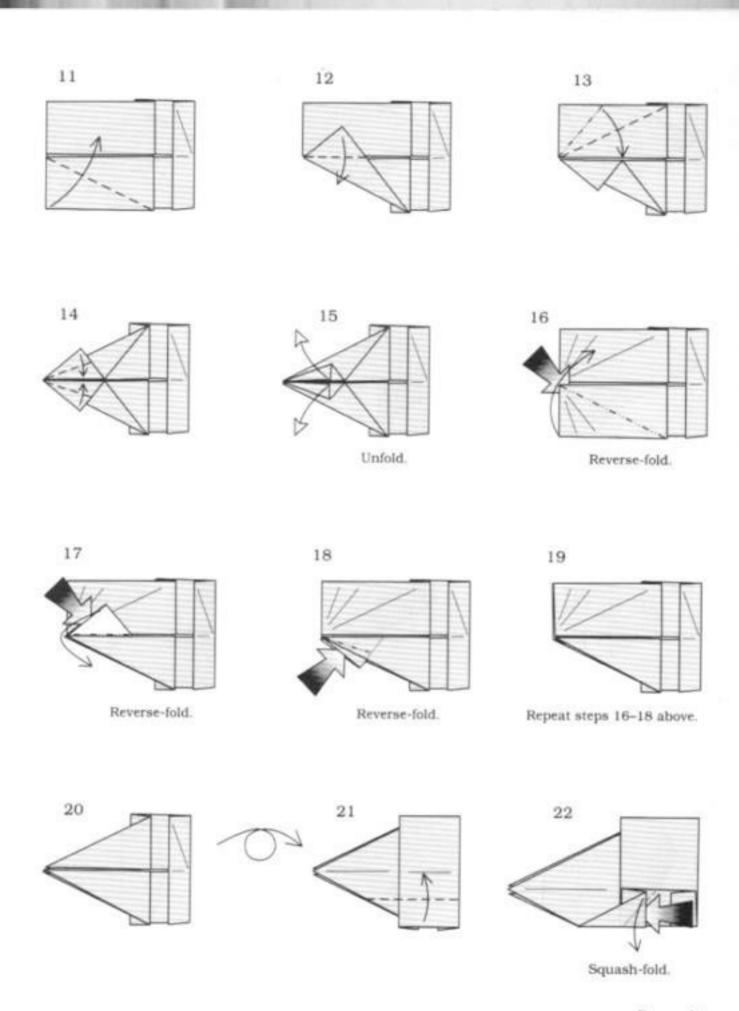


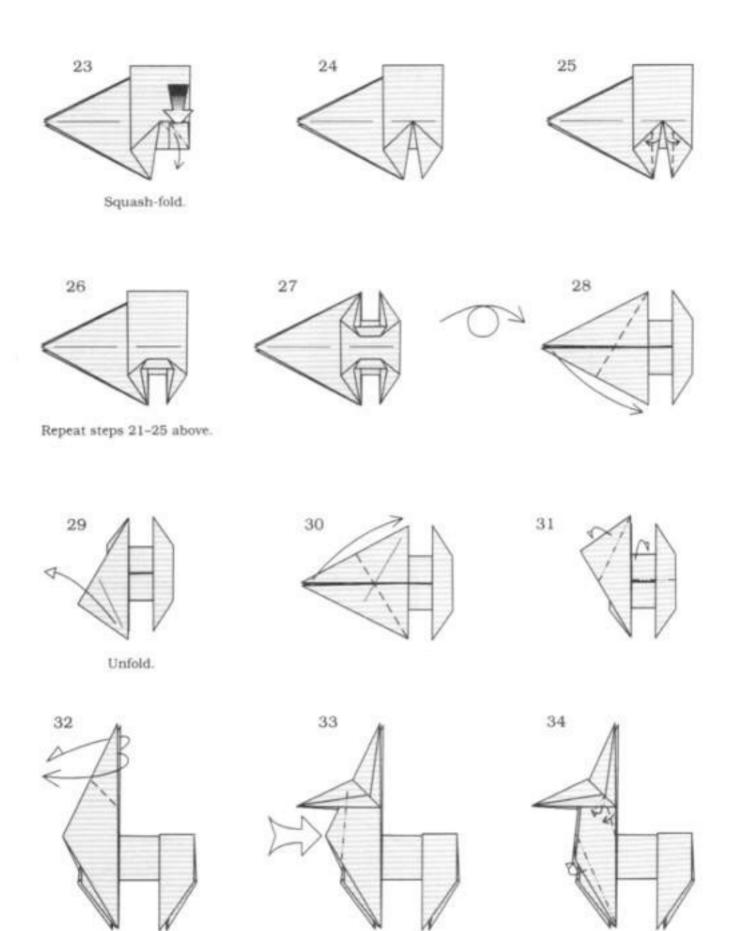


Unfold.







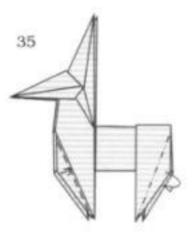


Sink.

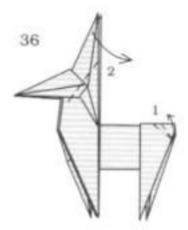
Repeat behind.

32 Favorite Animals in Origami

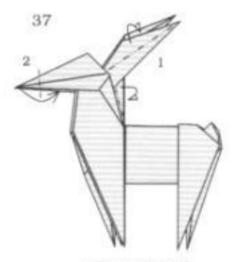
Outside-reverse-fold.



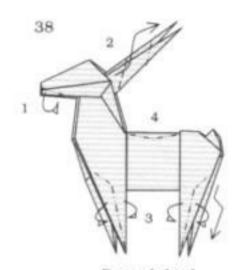
Repeat behind.



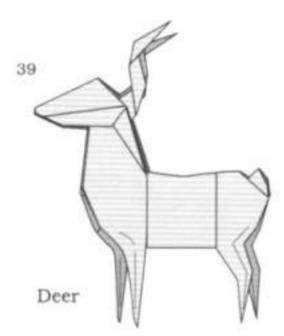
Crimp-fold.
 Repeat behind.



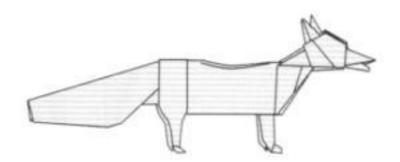
Repeat behind.
 Reverse-fold.

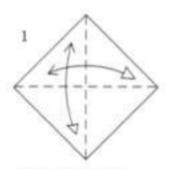


Repeat behind.

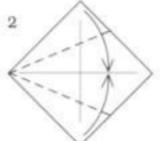


Fox

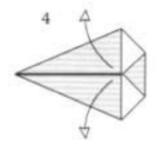




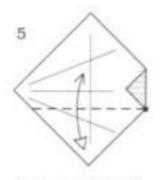
Fold and unfold along the diagonals.



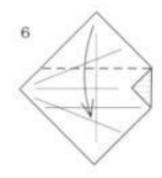


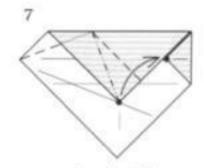


Unfold.

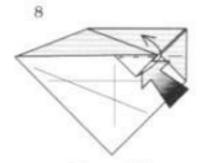


Fold up and unfold.

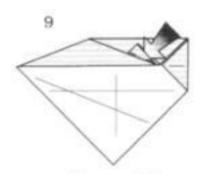




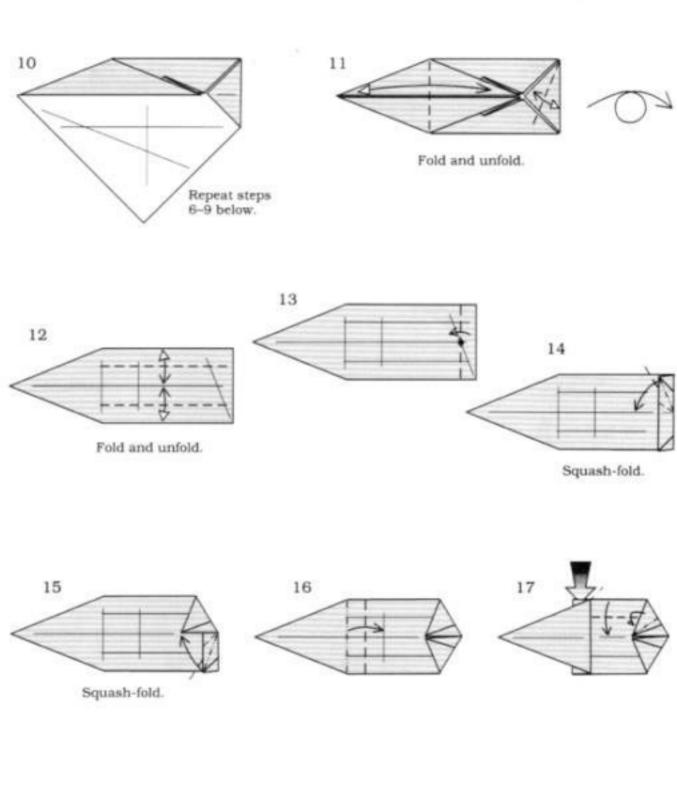
Squash-fold.

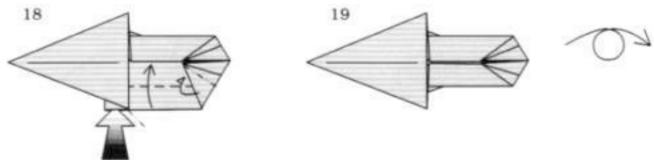


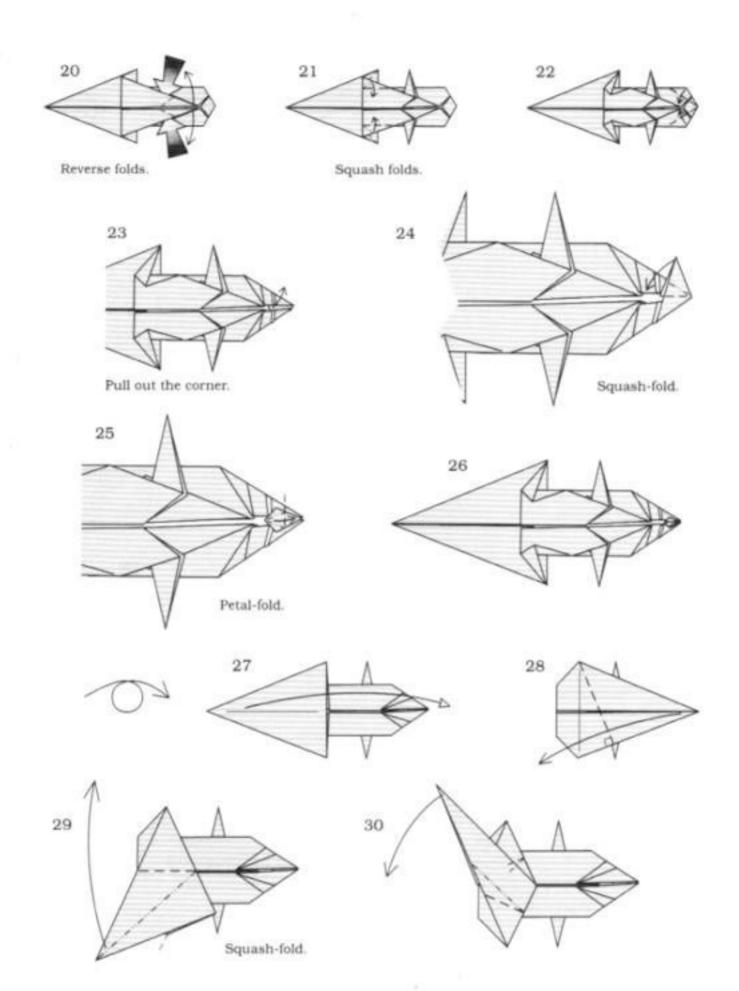
Reverse-fold.

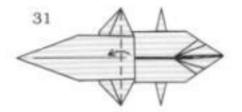


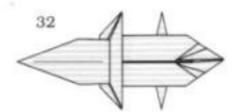
Reverse-fold.



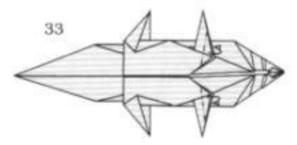




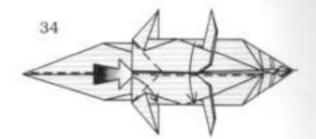


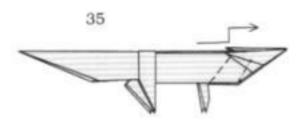




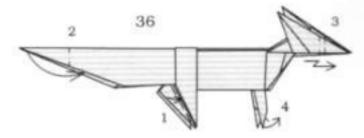


Repeat behind.

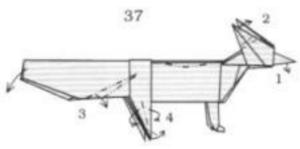




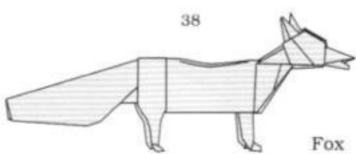
Outside reverse folds.



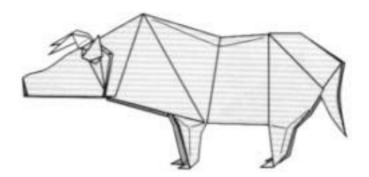
- Tuck inside.
 Reverse-fold.
 Crimp-fold.
 Reverse-fold.
 Repeat behind.

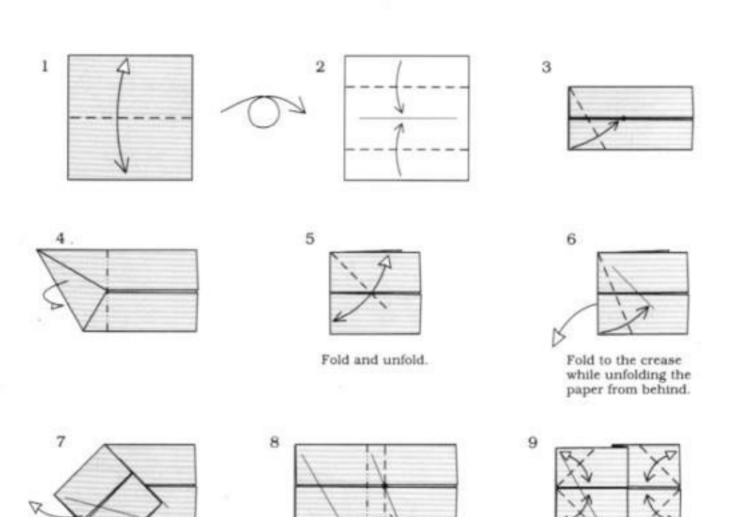


Repeat behind.



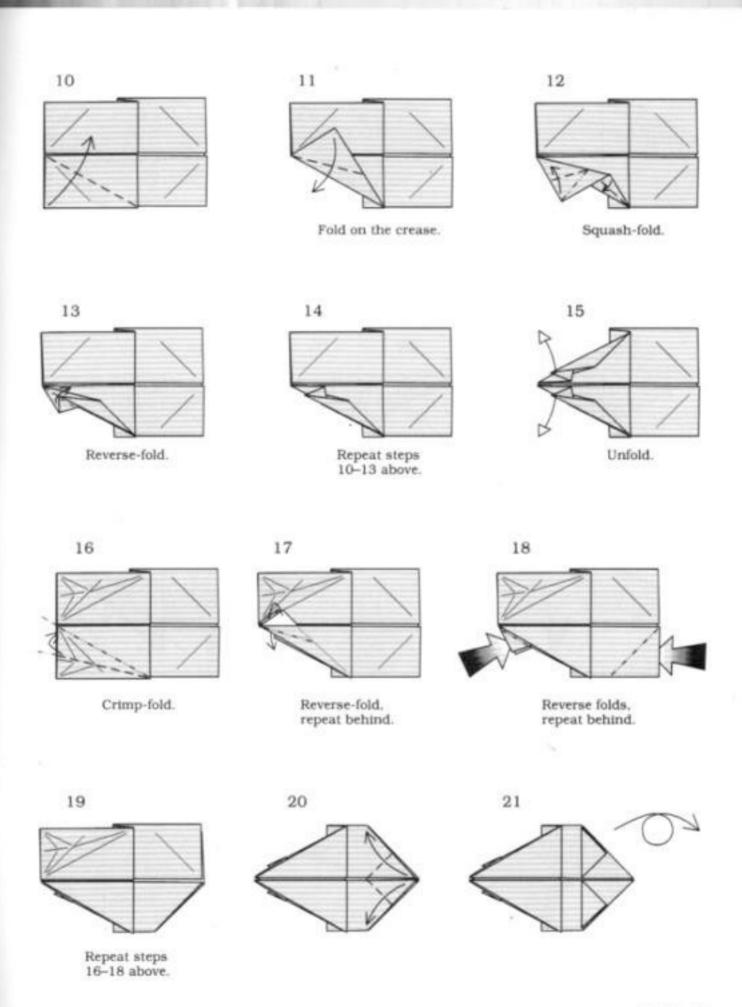
Bull

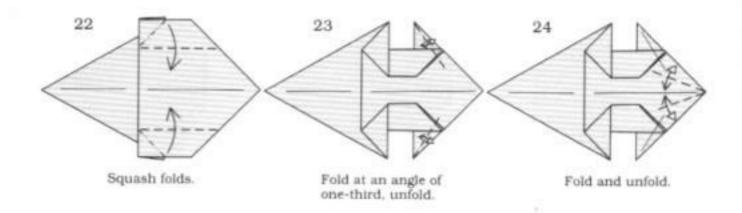


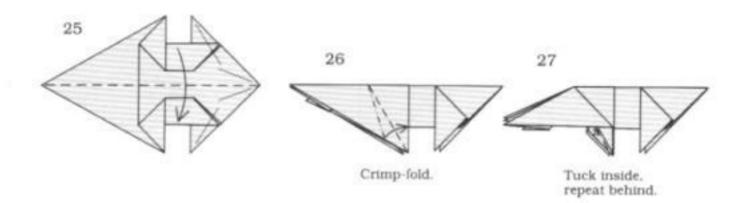


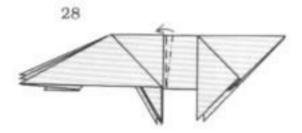
Fold and unfold.

Unfold.

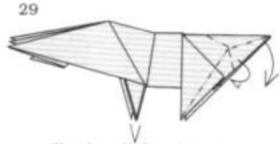




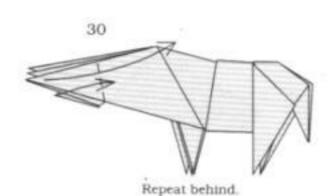


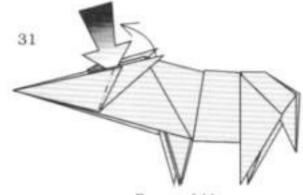


Open the model for this crimp fold. Crimp so that the front legs will be balanced.

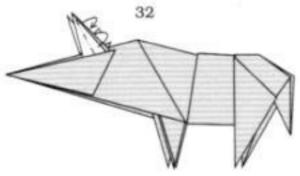


Note how the front legs are centered. Double-rabbit-ear the tail along the creases.





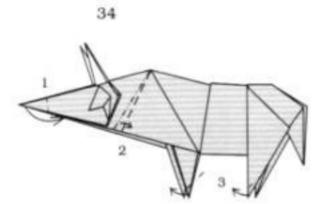
Reverse-fold. repeat behind.



Repeat behind.

33

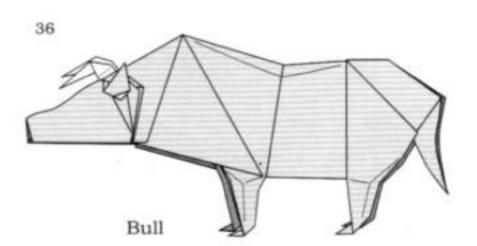
Repeat behind.



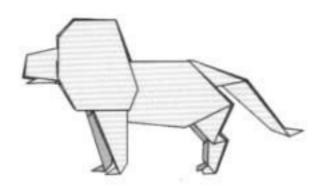
35

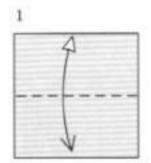
- Reverse-fold.
 Crimp-fold.
 Reverse-fold, repeat behind.

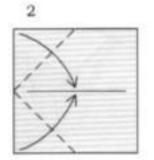
Repeat behind.



Lion

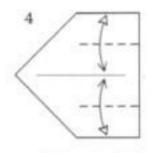




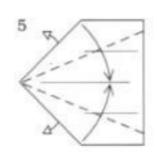


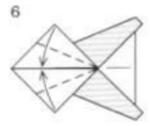


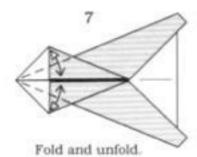


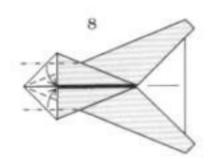


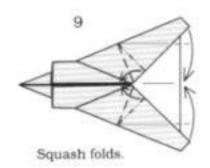


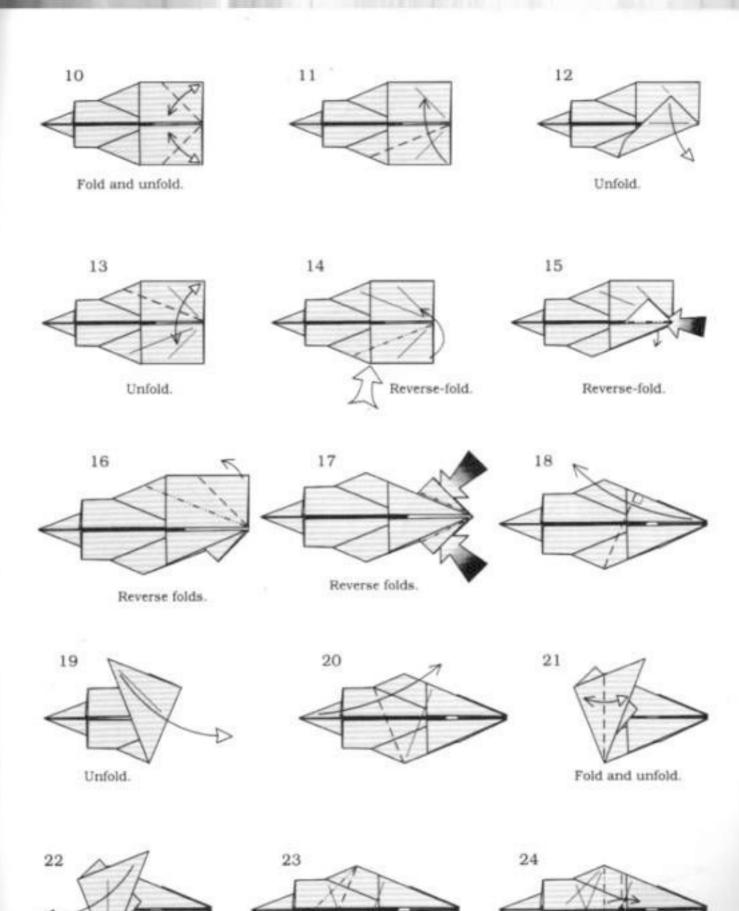








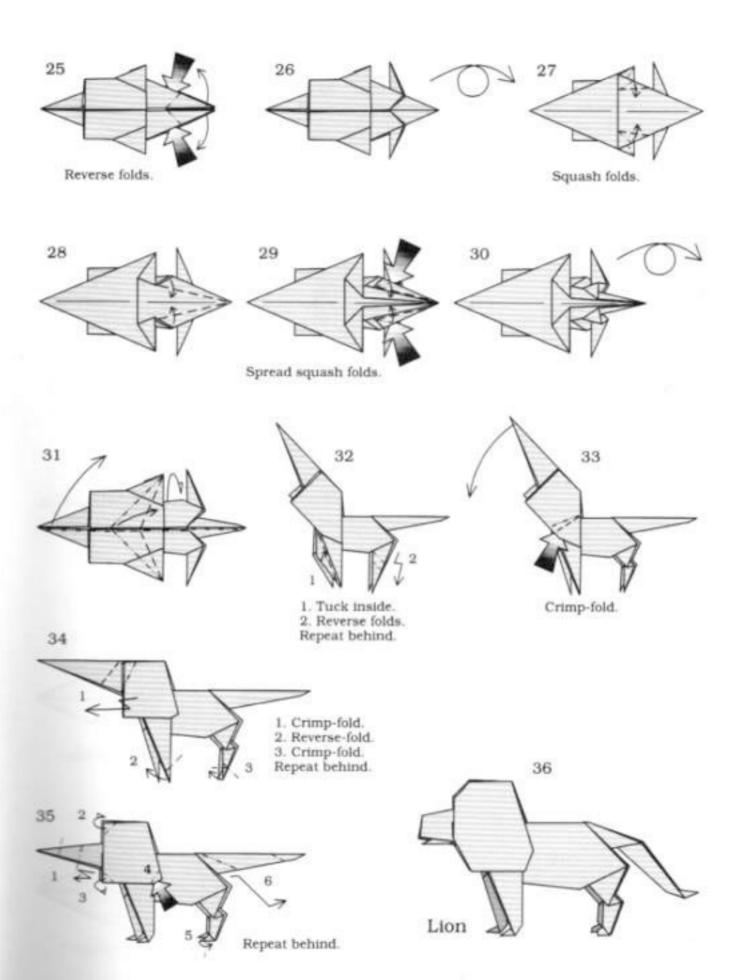




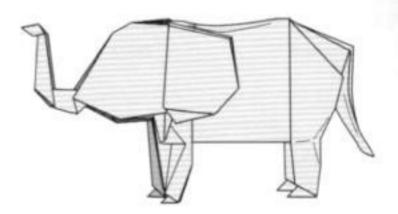
Repeat steps 20-22.

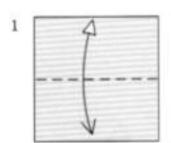
Unfold.



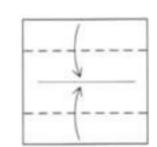


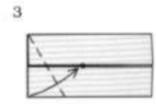
Elephant

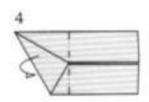


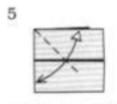


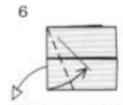






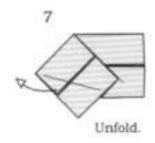




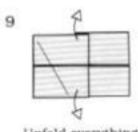


Fold and unfold.

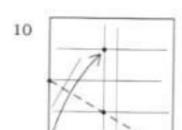
Fold to the crease while unfolding the paper from behind.

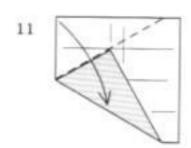


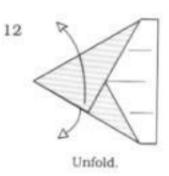


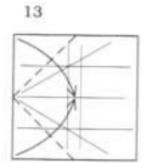


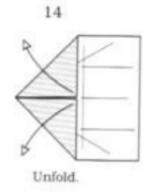
Unfold everything.

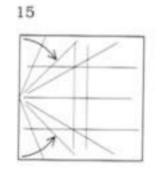


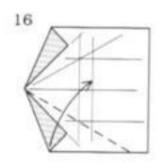


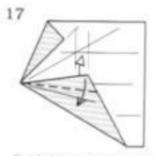


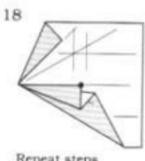






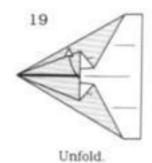


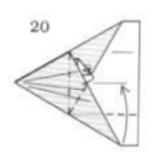


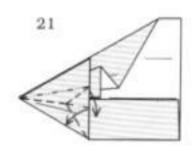


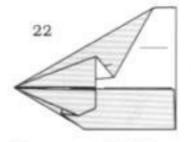
Fold down so that the dot in the next step will be on the center line.

Repeat steps 16-18 above.

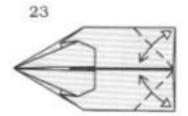




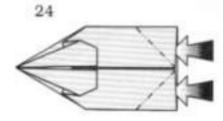




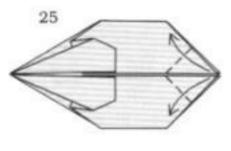
Repeat steps 19-21 above.

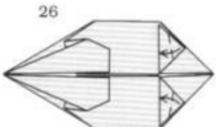


Fold and unfold.

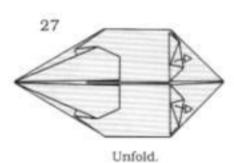


Reverse folds.

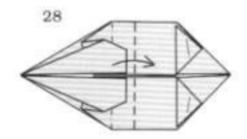




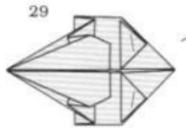
Fold to the line.

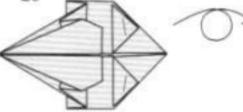


30

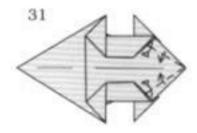


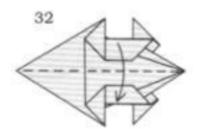
Fold on the creases.

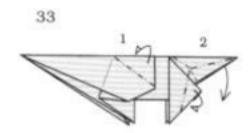






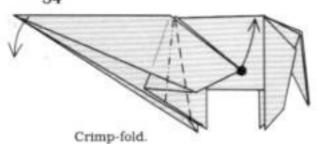


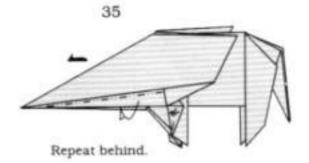


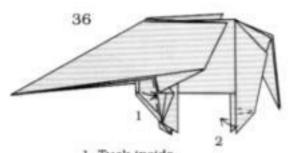


- 1. Tuck inside, repeat behind.
- 2. Double-rabbit-ear.

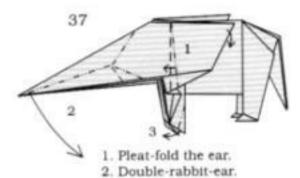




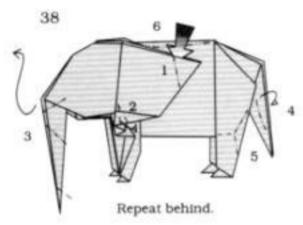


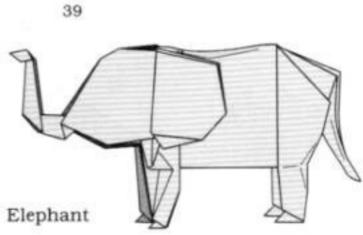


1. Tuck inside. 2. Crimp-fold. Repeat behind.



3. Reverse-fold. Repeat behind.





FAVORITE ANIMALS IN ORIGAMI

John Montroll

Lovers of the ancient Japanese art of paperfolding will welcome this delightful collection of animal origami projects. Noted origami expert John Montroll provides over 300 black-and-white diagrams and step-by-step instructions for creating 12 familiar animals.

Graded according to difficulty, the projects include charming versions of a cat, deer, elephant, seal, walrus, mink, bear and five other creatures. Clear, easy-to-follow explanations of symbols and basic folds help paperfolding enthusiasts successfully complete each project.

Original Dover (1996) publication. Introduction. Explanation of Symbols. Over 300 black-and-white diagrams. 48pp. 8% × 11. Paperbound.

ALSO AVAILABLE

EASY OBIGAMI, John Montroll. 48pp. 8% x 11. 27298-2 Pa. \$2.95

BIRDS IN ORIGAMI, John Montroll. 48pp. 8% × 11. 28341-0 Pa. \$2.95

Origami Sea Life, John Montroll and Robert J. Lang. 256pp. 7 × 10. 26765-2 Pa. \$10.95

Ригизтовіс Овісамі, John Montroll. 143pp. 6% × 9%. 26588-9 Ра. \$9.95

NORTH AMERICAN ANIMALS IN ORIGAMI, John Montroll. 128pp. 85 x 11. 28667-3 Pa. \$9.95

OBIGAMI INSECTS AND THEIR KIN: STEP-BY-STEP INSTRUCTIONS IN OVER 1500 DIAGRAMS, Robert J. Lang. 160pp. 8% × 11. 28602-9 Pa. \$9.95

Free Dover Complete Catalog (59069-0) available upon request.

