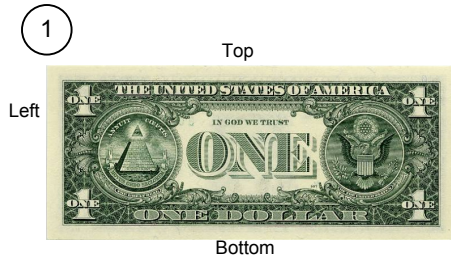


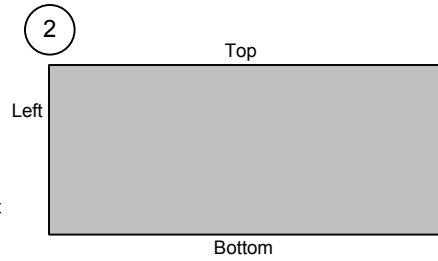
Dollar Koi Fish

Difficulty: Complex

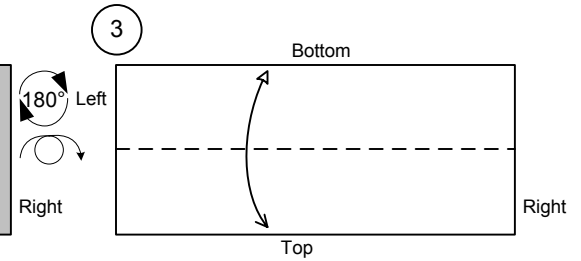
Designed by: Won Park
Diagrammed by: Márcio Noguchi



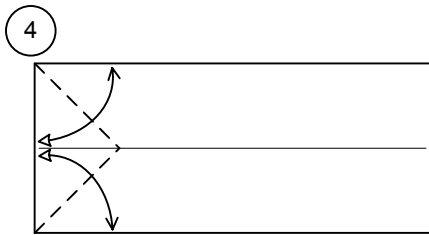
Begin with the above orientation. We will call the color side. Note: make sure that the note is perfectly square on corners (not crooked) and print is centered. Also, be as precise as possible with all the folds.



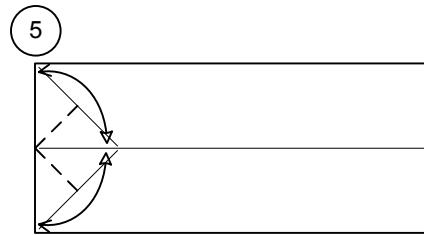
Turnover.
(upside down)



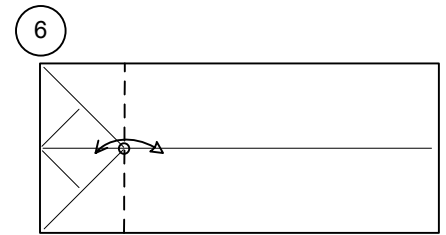
Fold in half along lengthside and unfold.



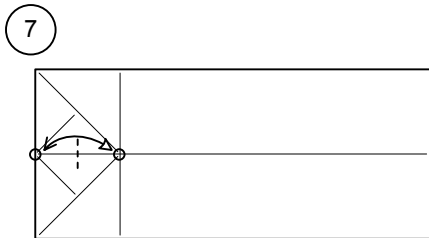
Fold short edge along long edge, and crease only up to the central horizontal crease. Unfold.



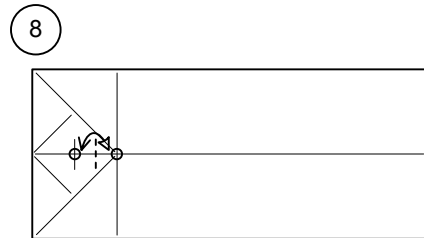
Fold short edge along the central horizontal crease. Unfold.



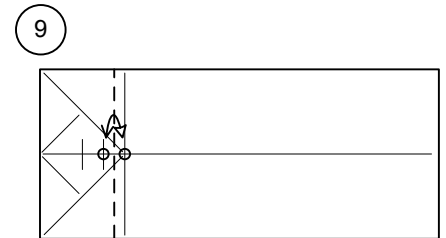
Fold vertical crease intersecting the reference point.



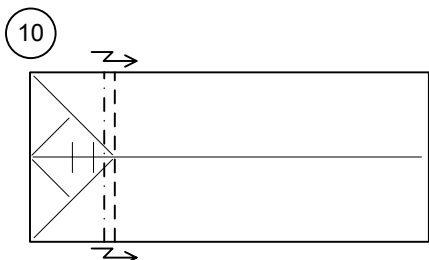
Pinch the middle of the reference points.



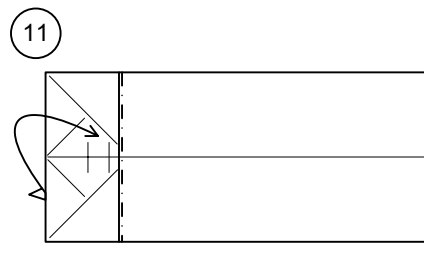
Pinch the middle of the reference points.



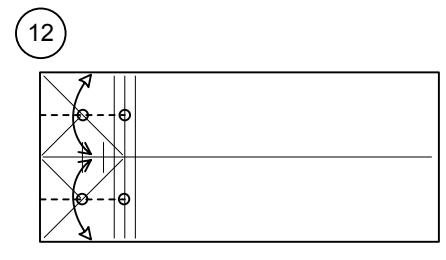
Fold vertical crease between the reference points. Unfold.



Pleate using existing creases.

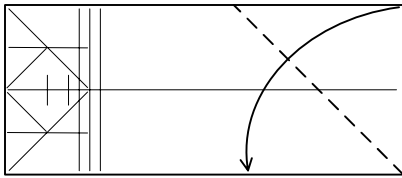


Fold bottom layer creasing along the folded edge. Unfold. Unfold the pleat, back to completely open position. This creates a third vertical crease, with the same distance from the first to the second creases.



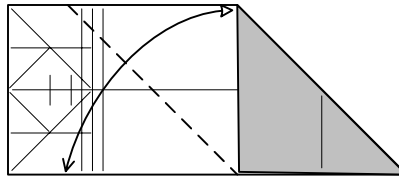
Crease parallel to the horizontal center line starting from the edge to the second vertical crease line.

13



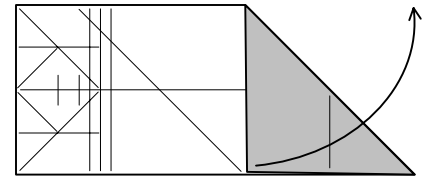
Fold short edge along the long edge.

14



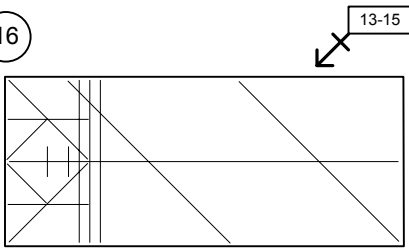
Fold top edge along the vertical edge.
Unfold.

15



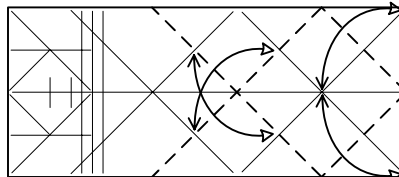
Unfold.

16



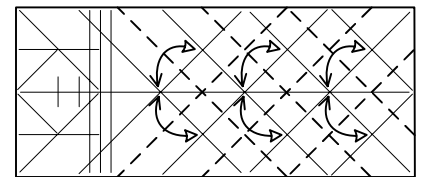
Repeat steps 13 to 15 on the other side,
creating symmetrical creases.

17



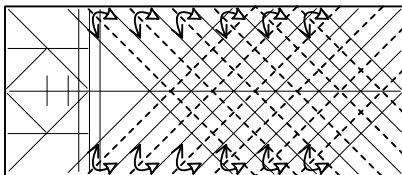
Steps 17 to 20 are pre-creasing for the
scales.
Fold and unfold.

18



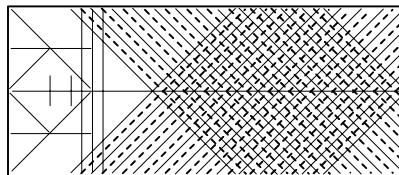
Fold and unfold.

19



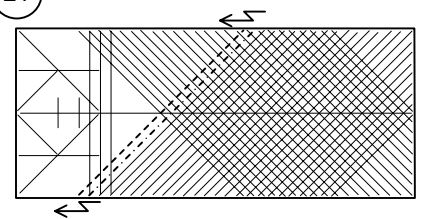
Fold and unfold.

20



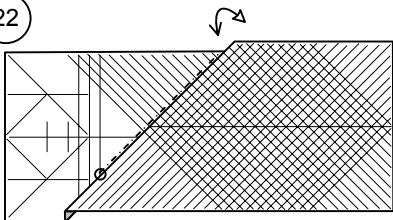
Fold and unfold.

21



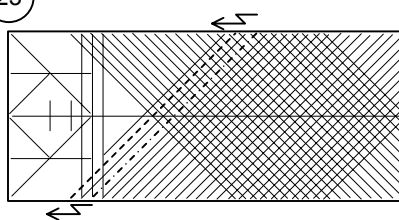
Pleat on existing creases.

22



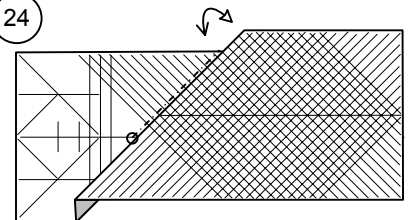
Crease along the folded edge until
the vertical crease line. Unfold.
Unfold the pleat, back to completely
open position.

23

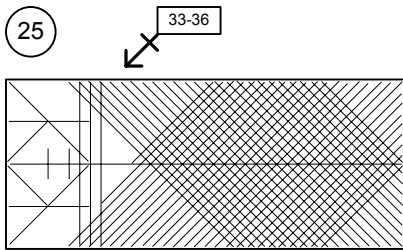


Pleat on existing creases.

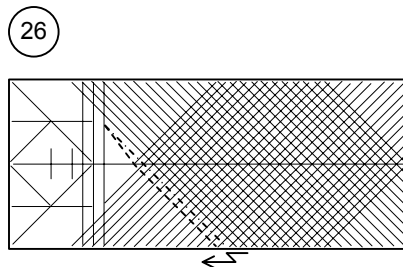
24



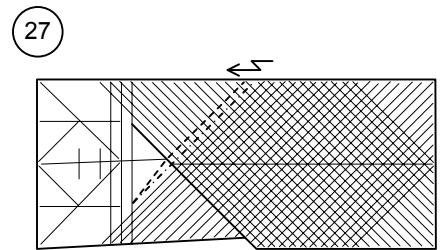
Crease along the folded edge until
the horizontal center crease line.
Unfold. Unfold the pleat, back to
completely open position.



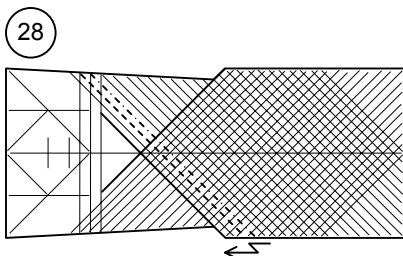
Repeat steps 33 to 36 on the other side, creating symmetrical creases.



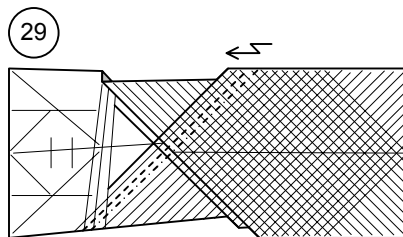
Pleat. A new crease is required in the middle. The model will not lie completely flat.



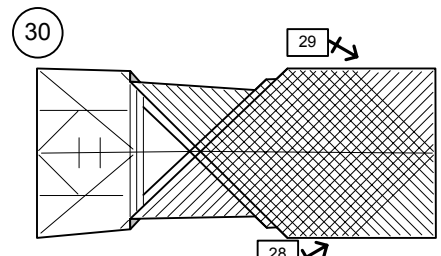
Repeat the pleat on the other side.



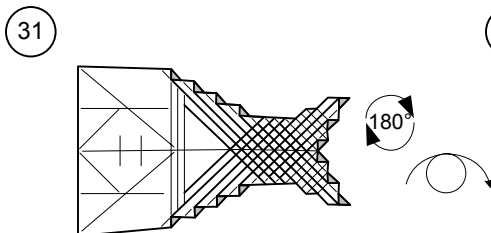
Pleat all layers.



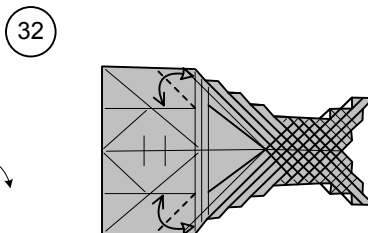
Repeat the pleat on the other side.



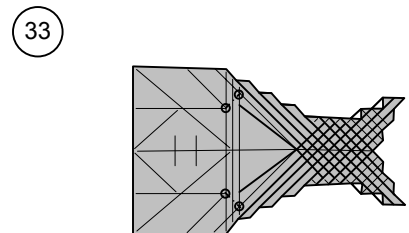
Repeat cross pleats alternating the sides, all the way to the end. For each pleat, fold all layers.



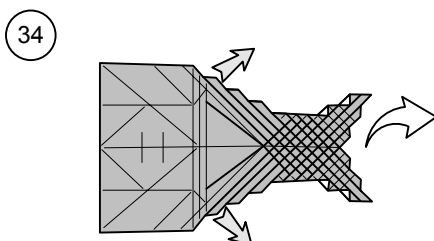
Turn over.



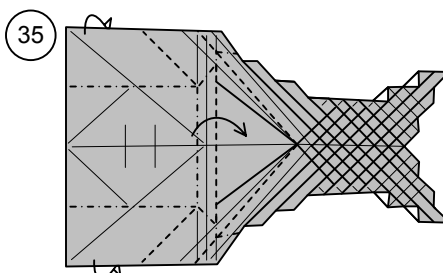
Pre-crease.
(Valley)



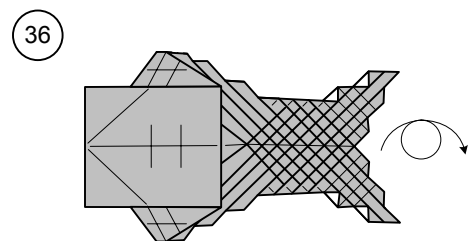
Pre-crease.
(Mountain)



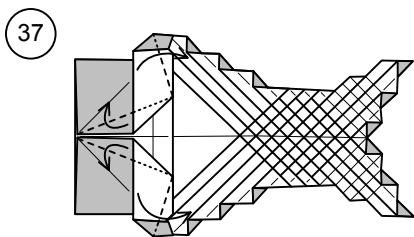
Open slightly (the model will not lie flat).
Next steps are magnified.



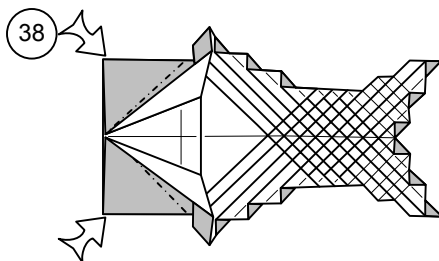
Collapse what is going to become the fins and the head.



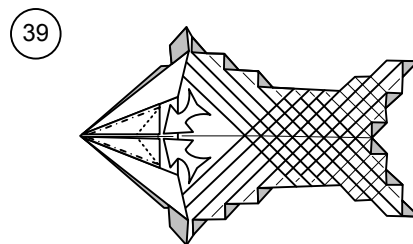
Turn over.



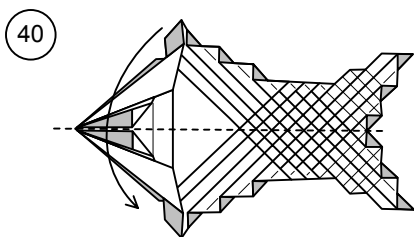
Swivel top layer.



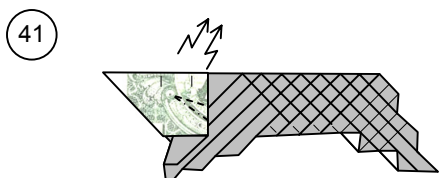
Inside reverse fold.



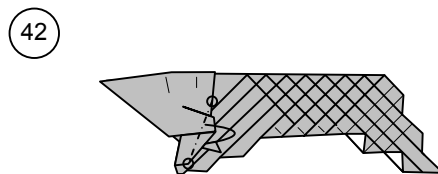
Inside reverse fold. Note that on the underneath layer you should leave some paper



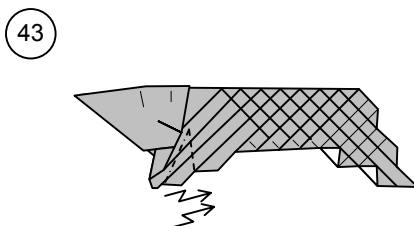
Very carefully and gently, fold in half all layers, molding the back of the fish.



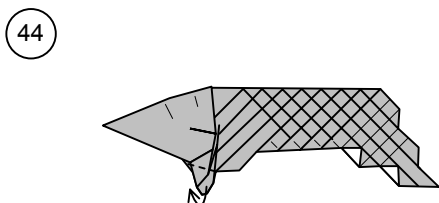
Crimp. You may need to use a tweezers. If you started with the correct orientation, you will notice the pattern of the note which will become the eyes.



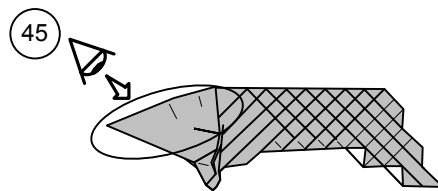
Fold behind (on both sides).



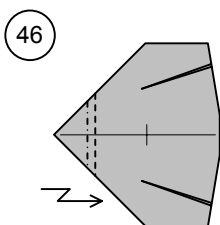
Crimp, to make the fins.



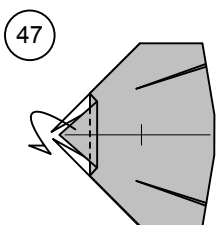
Lift the fins slightly, so that it can lie flat on the surface. Shape (on both sides).



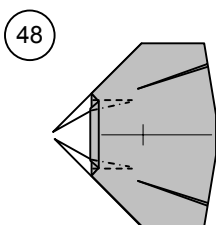
View from top, at the head area.



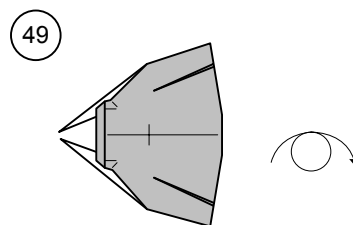
Pleat, to create the lips. Use the pattern printed on the note as a reference. Make the valley fold on the printed line.



Fold inside.

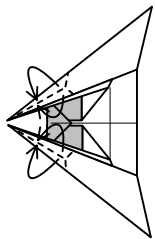


Pleat slightly, to shape the mouth. Note: don't fold the lips in half, otherwise it will split.



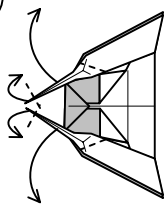
Turn over.

50



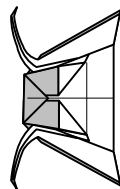
Rabbit ear to thin flap.

51



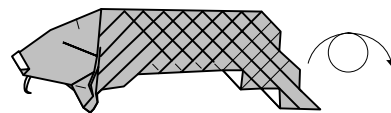
Shape the whiskers.

52



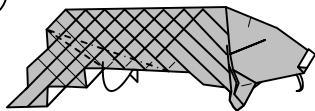
The head, lips and whiskers are now complete. Go back to the original view (like step 45)

53



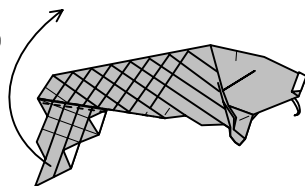
Turn over.

54



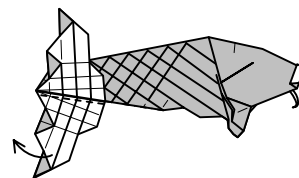
Thin the body towards the tail on both sides. Shape carefully.

55



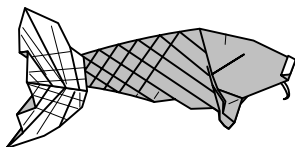
Lift one of the fins to the top.

56



Fold up slightly the bottom fin so that it can lie flat on the surface. Shape it.

57



Koi fish complete.

