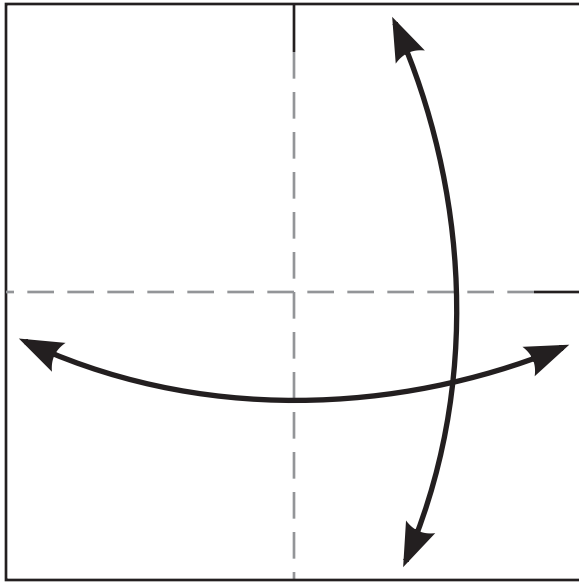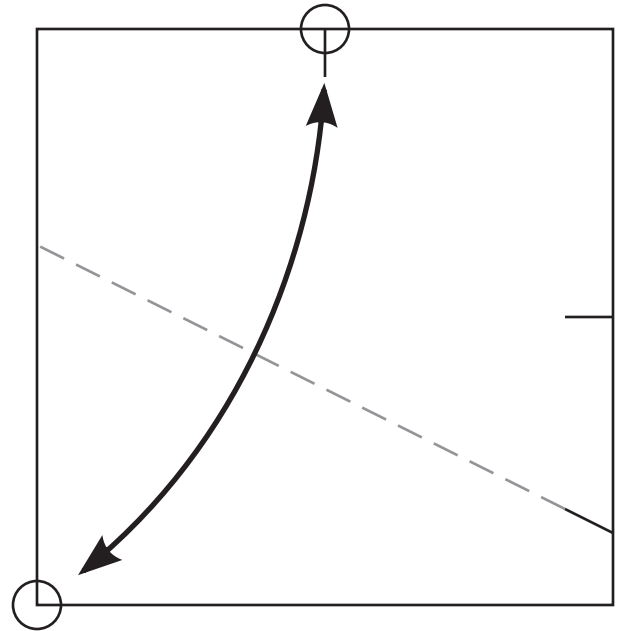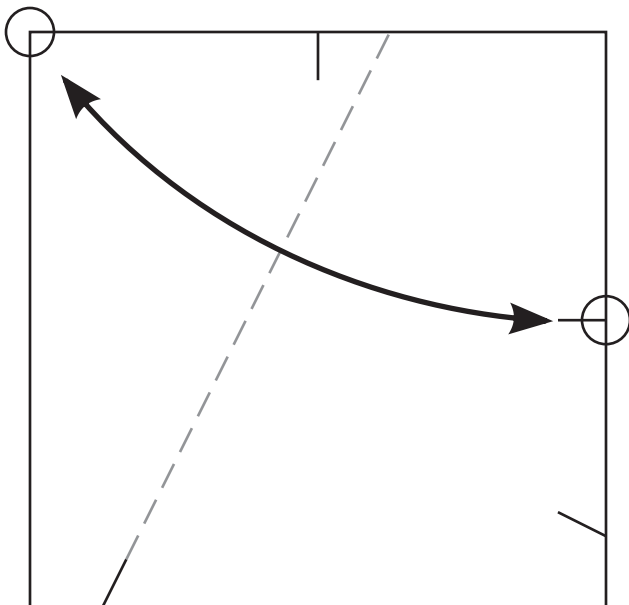# Zhoubi Bowl

Valley fold lightly in half and crease to mark the midpoints on the top and right edges.
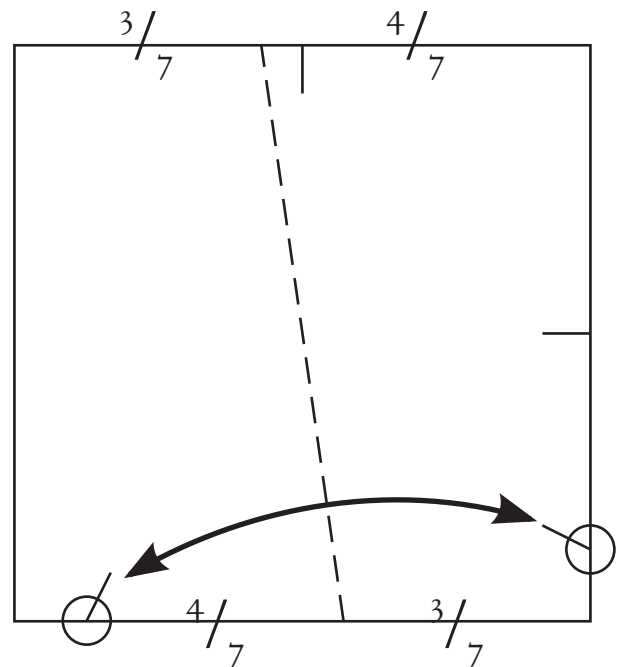
Lightly fold the lower left corner to the midpoint of the top edge and crease a mark on the right edge.

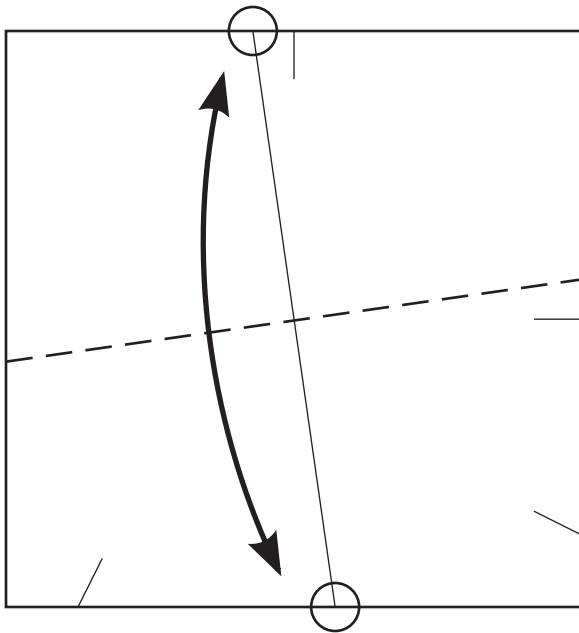| 1	2
3	4

Lightly fold the upper left corner to the midpoint of the right edge and crease a mark on the bottom edge.

Bring the indicated marks together, valley folding from the top to bottom edge.
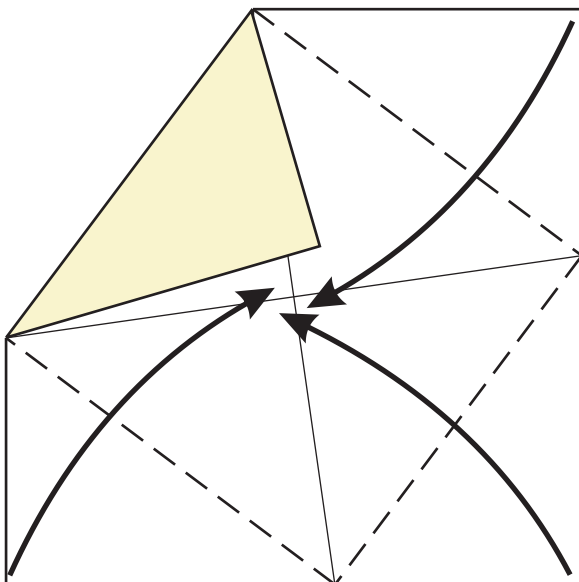
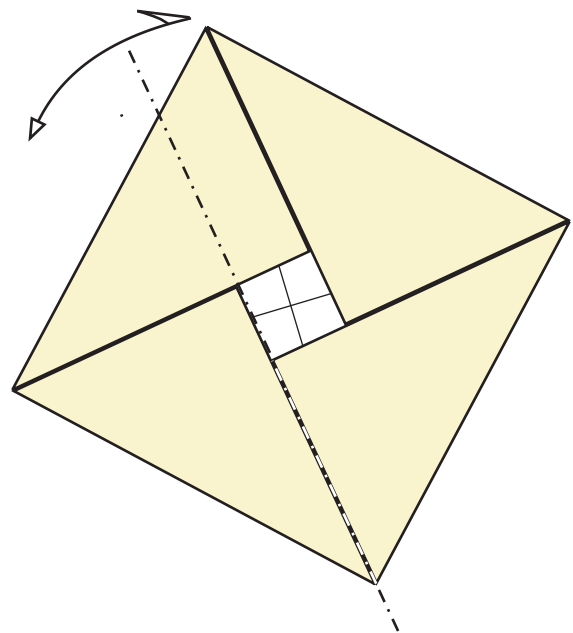Valley fold, bringing the ends of the crease just made to meet.
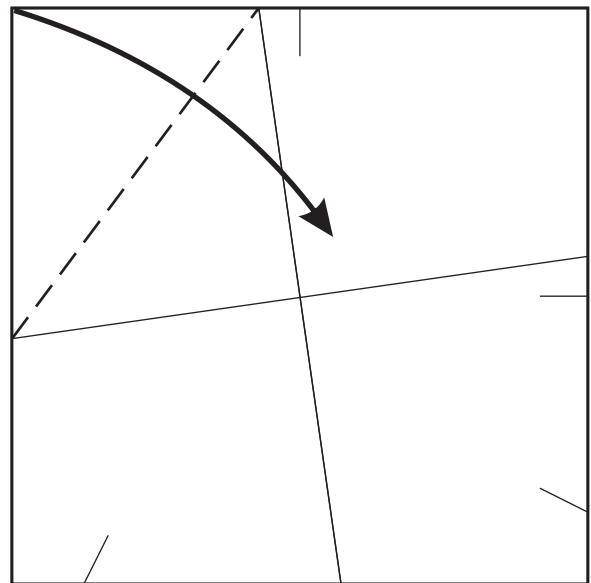
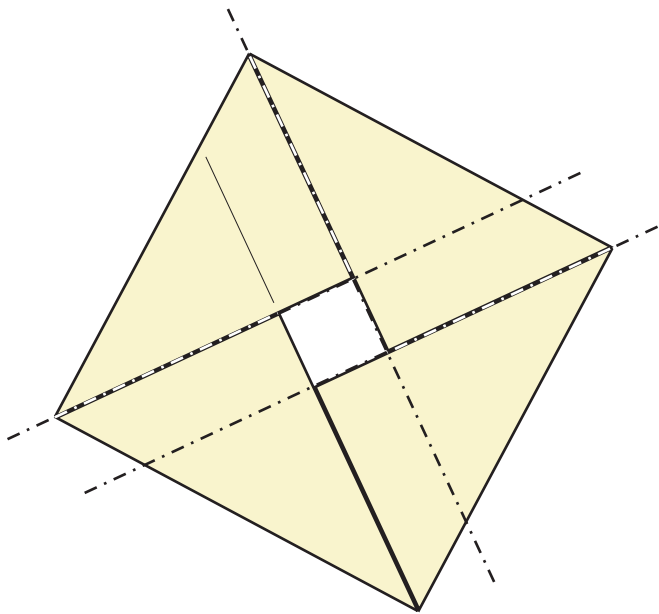Using the creases as a guide, valley fold in the corner.
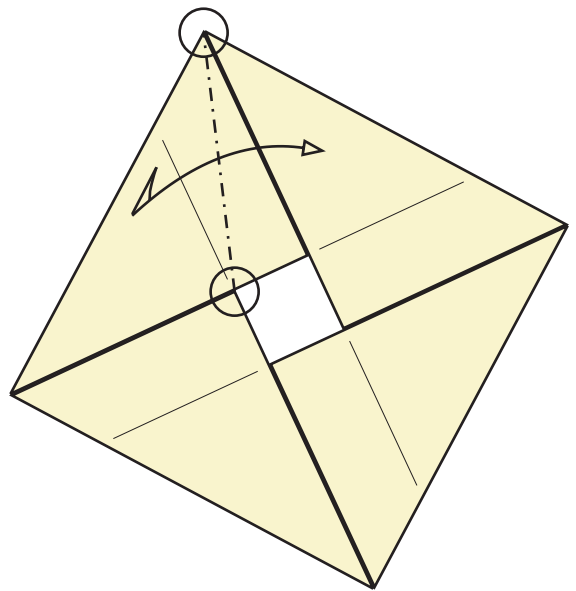
| 5 | 6 |
| 7 | 8 |

Fold in the other corners. Note that you now have four 3-4-5 triangles and a visual proof of the Pythagorean theorem that predates Pythagoras.

Using the long edge of the lower left triangle as a guide, mountain fold through both layers and return.
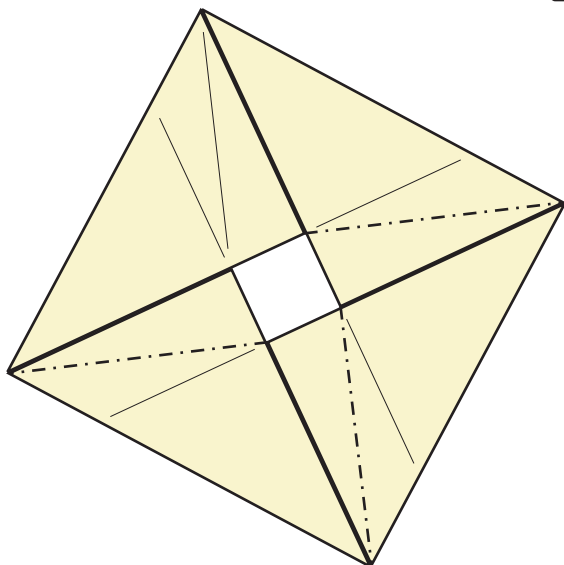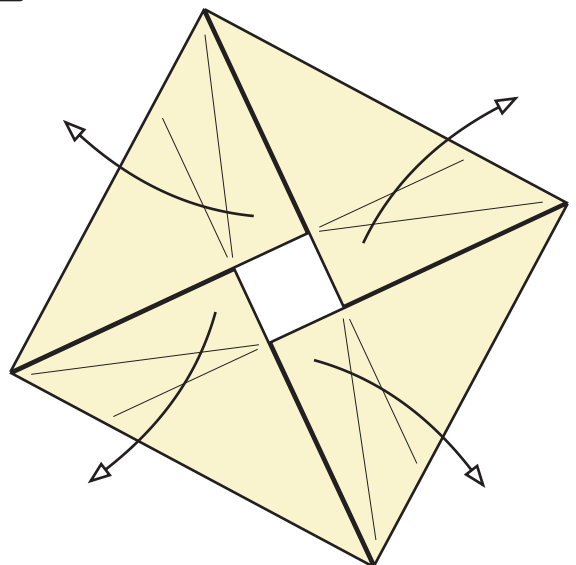
Repeat on the other three sides.

Mountain fold through both layers from the corner of the triangle to the crease just made.
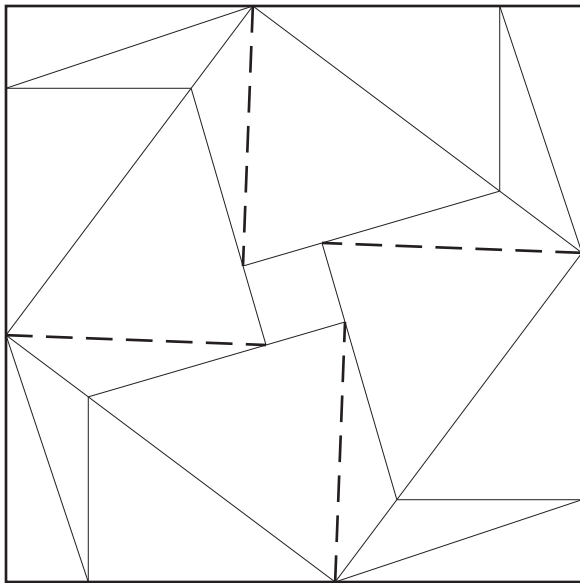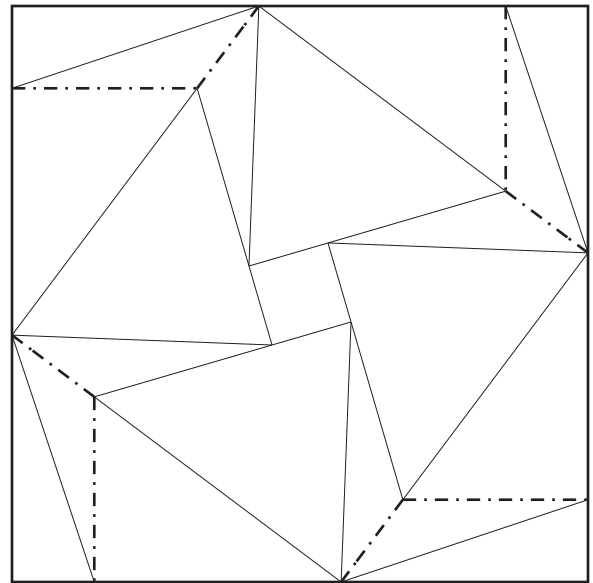
9 | 10
11 | 12

Repeat on the other three sides.
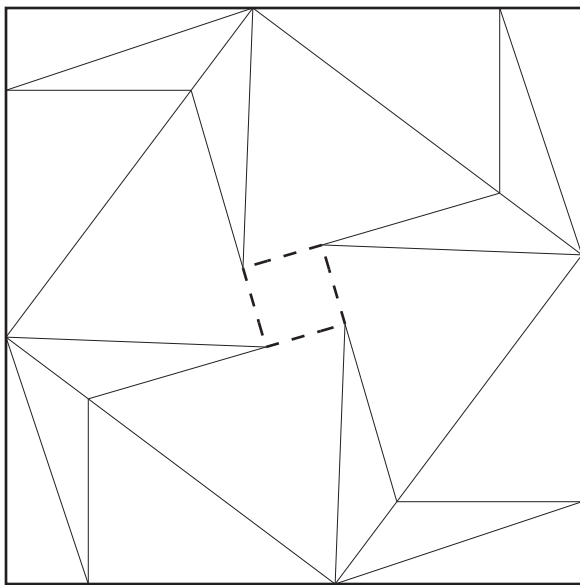
Open the triangular flaps back out.

Locate these folds and reverse their orientation. (Id est: these folds are mountain folds – switch them to valley folds.)
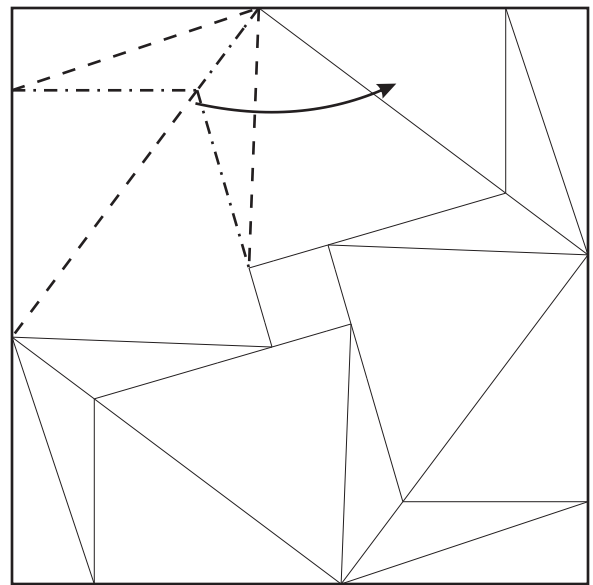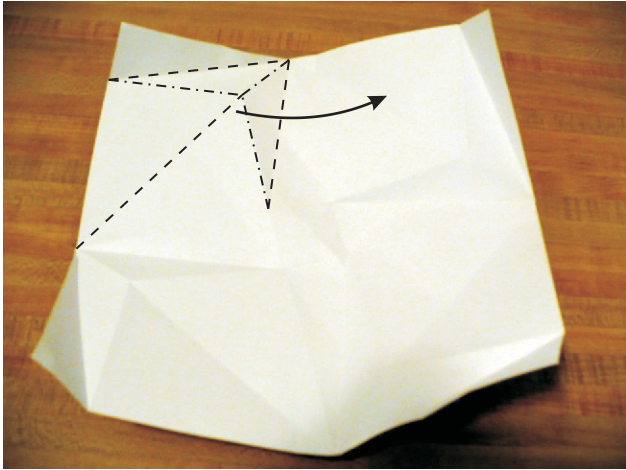
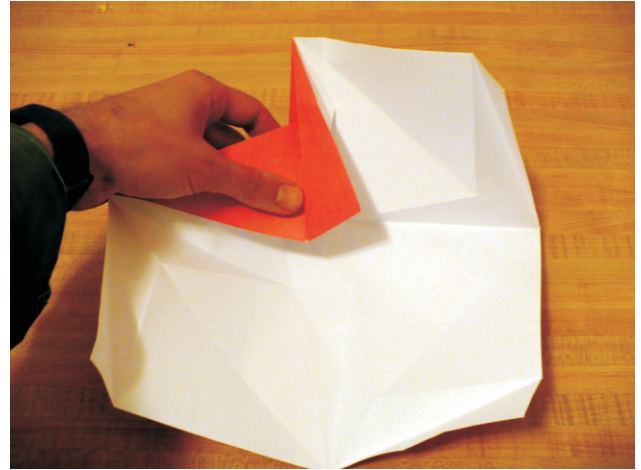Locate these folds and reverse their orientation.

13 14
15 16

Locate these folds and reverse their orientation.

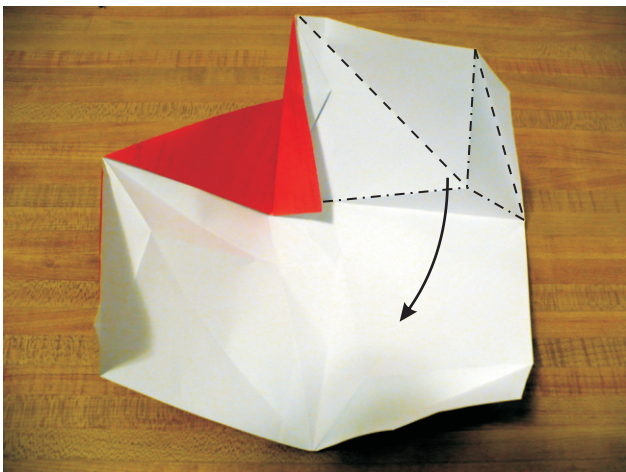Enough precreasing! Fold as indicated and swing to the right. (See the next step for a hint.)
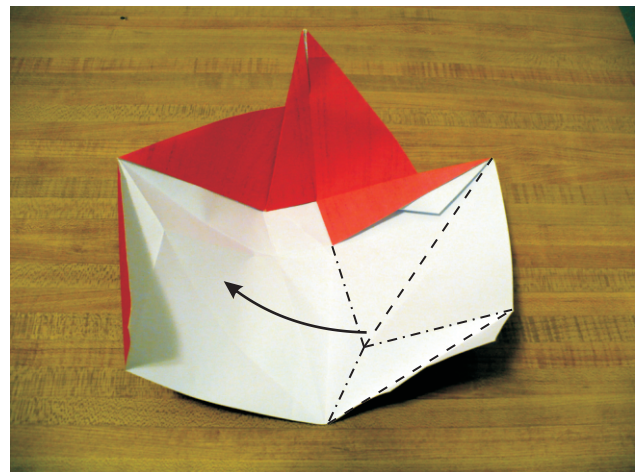
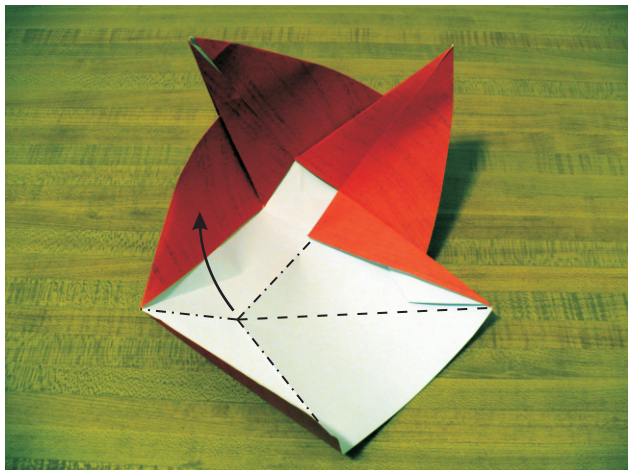Fold as indicated and swing to the right.
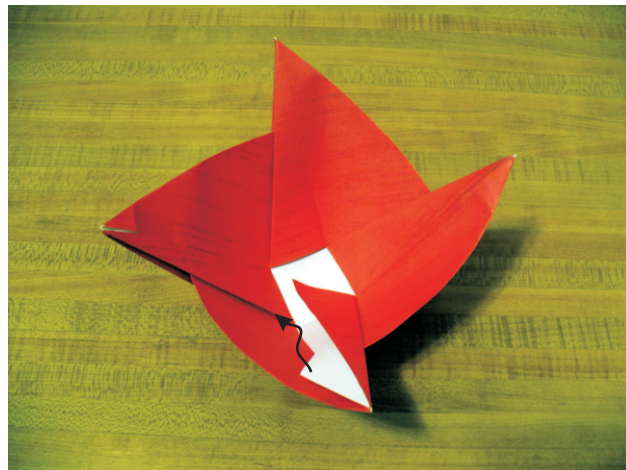

Like this.

17 | 18
19 | 20

Fold as indicated and swing down.

Fold as indicated and swing to the left.
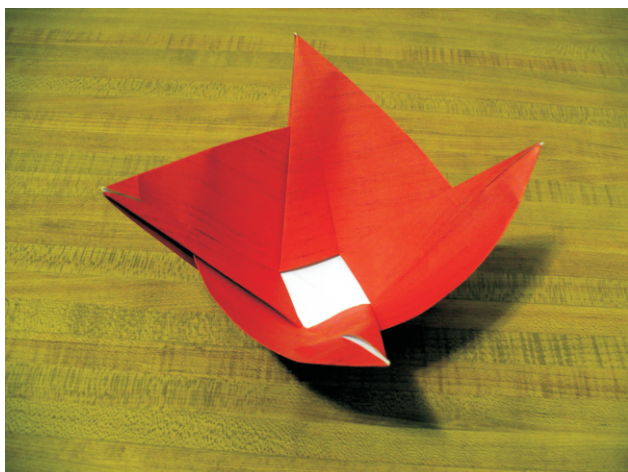(See where we're going with this?)

Fold as indicated and swing up.

Lift up the flap on the left and tuck the right flap in. The compression of the bowl will hold all the flaps in place.

21	22
23	¶

The finished Zhoubi Bowl.