Michelle's Orchid
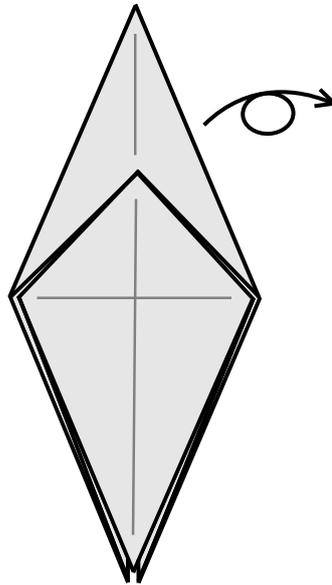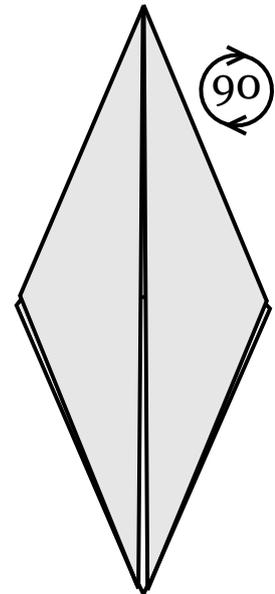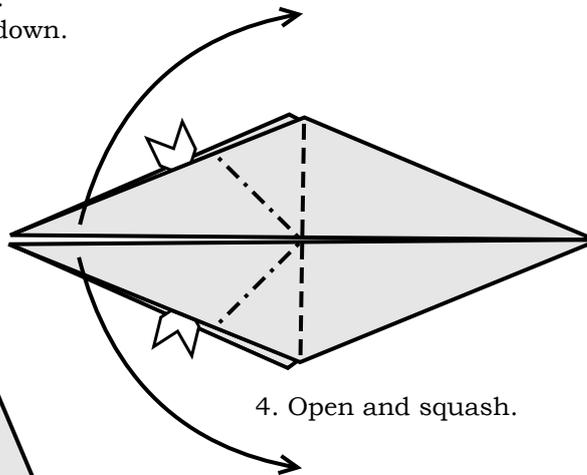
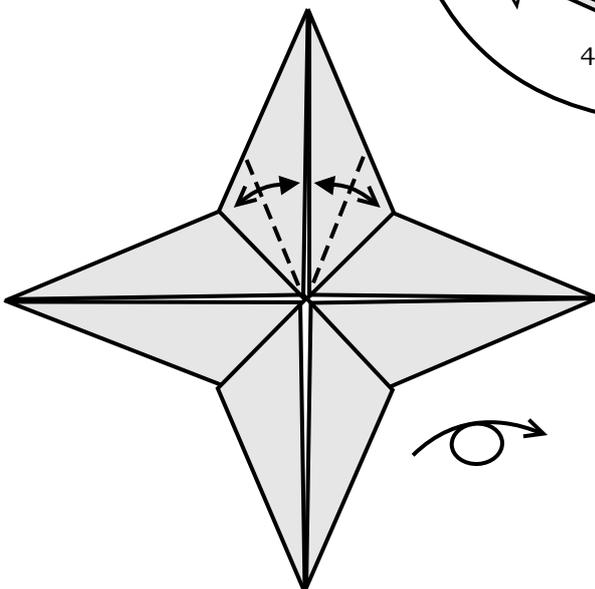1. Begin with a bird base.
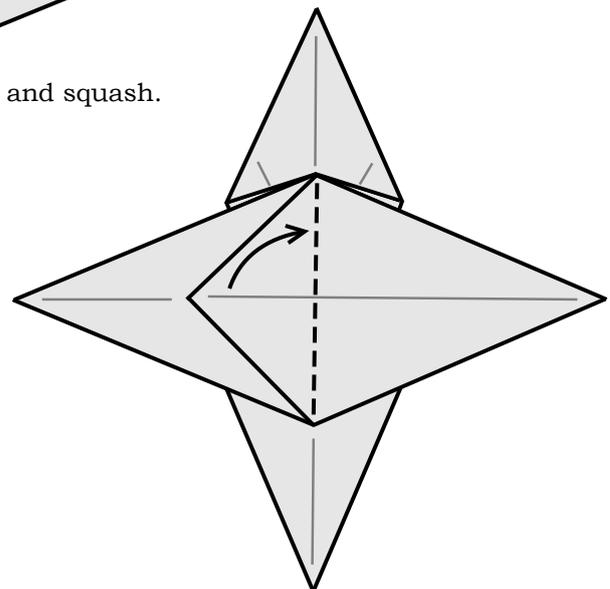Valley fold the front flap down.

2. Flip the model over.

3. Rotate the model
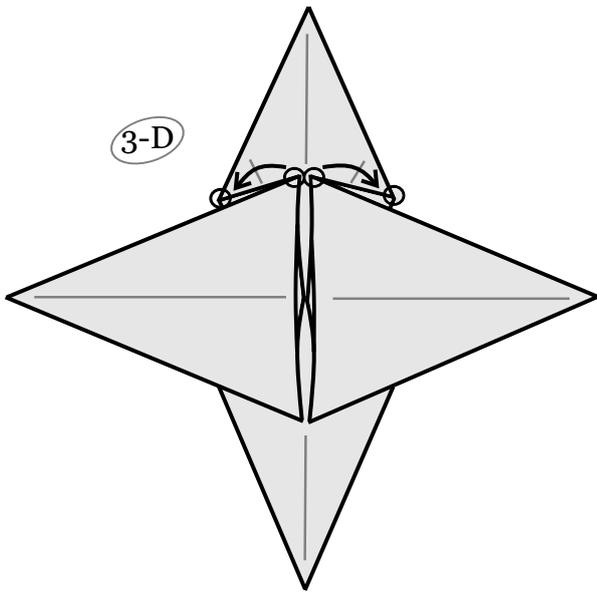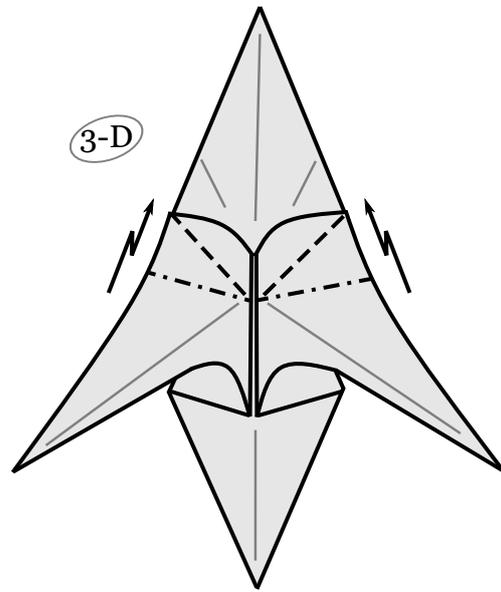90 degrees clockwise.

4. Open and squash.

5. Valley fold to center and
unfold. Then, flip the model over.

6. Lift the triangular flap so that it
stands straight up (partial valley fold).
The next step is 3-dimensional.

3-D

7. Partially undo pleats by pulling outward on each side from circled point to circled point.

3-D

8. Pleat in the direction of the arrows. (Valley fold follows existing crease while mountain fold is created.)
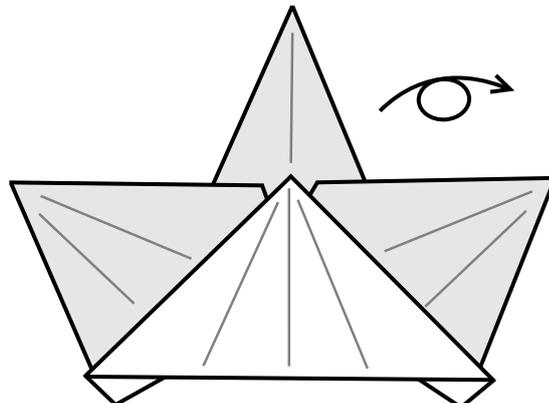
3-D

a

b
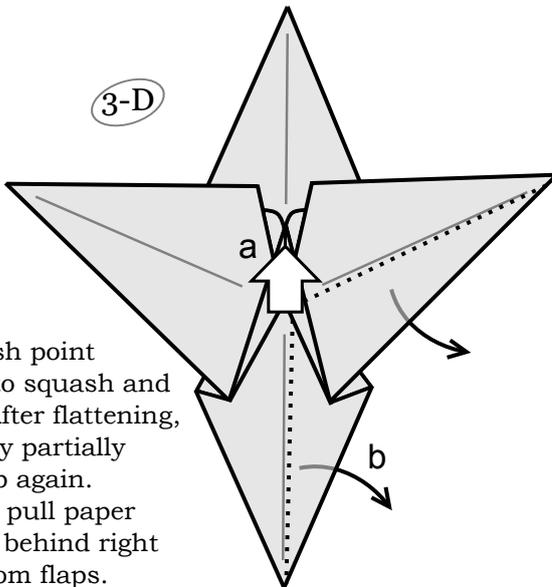
9. (a) Push point upward to squash and flatten. After flattening, point may partially spring up again.
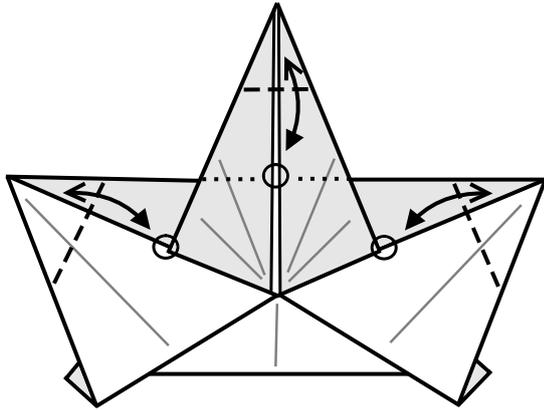(b) Then, pull paper out from behind right and bottom flaps.

3-D
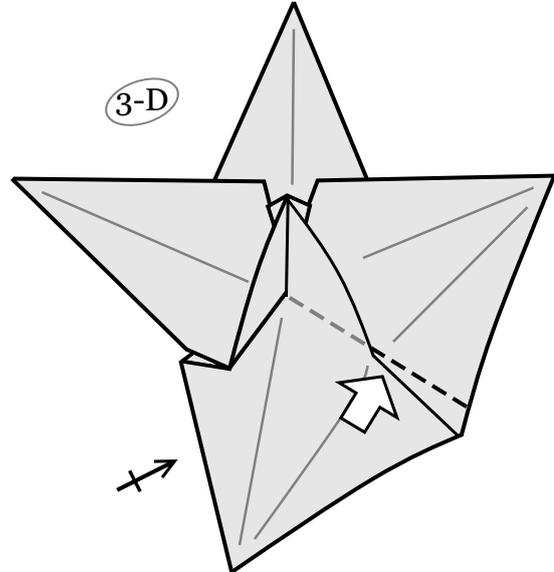
10. Push in the direction of arrow to flatten. Then, repeat steps 9b - 10 on the opposite side. These steps result in a completely flat model.
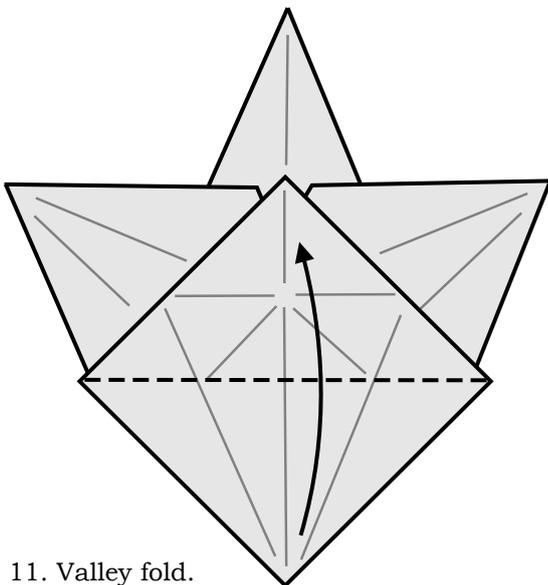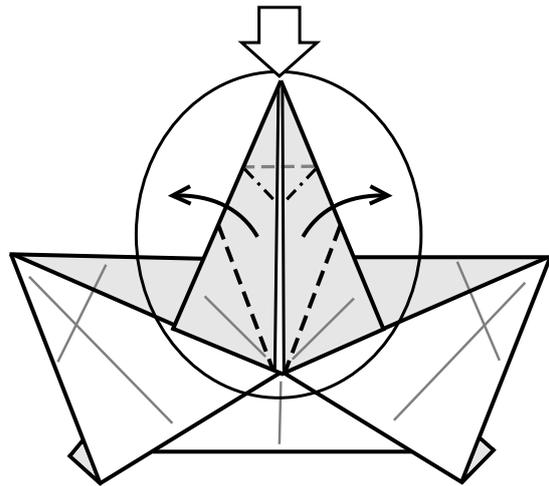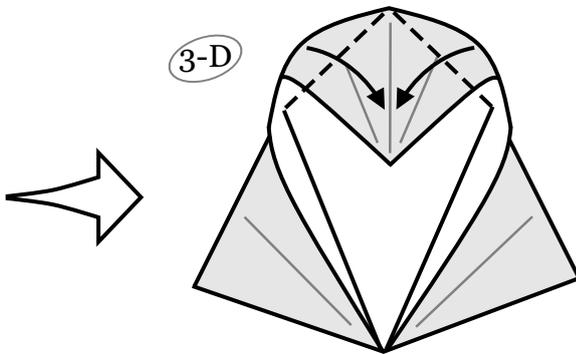
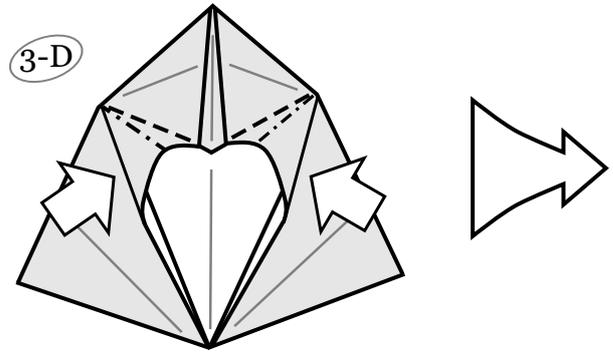11. Valley fold.

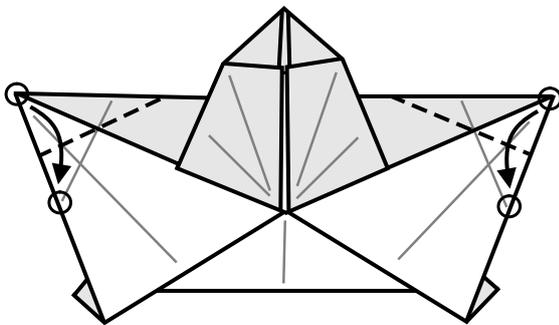12. Flip the model over.

13. Fold to circled points and unfold.

14. Open flaps (valley folds from existing creases) and invert the tip, but do not completely flatten. Next step is enlarged.
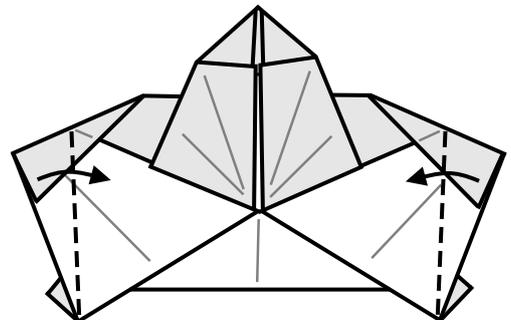
3-D
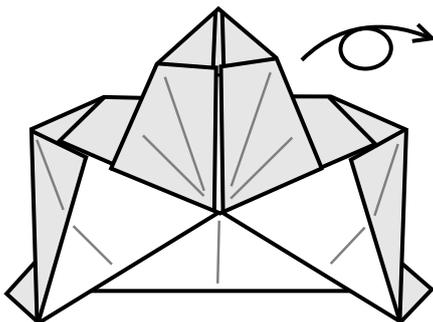
15. Fold edges to center line.
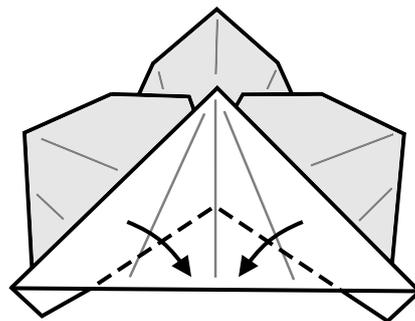
3-D

16. Flatten upwards.

17. Valley fold from circled point to circled point, using creases made in step 13 as a reference.
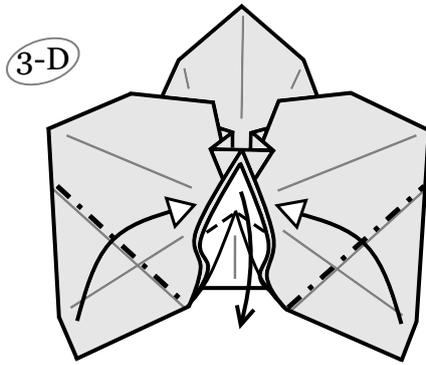
18. Valley fold.

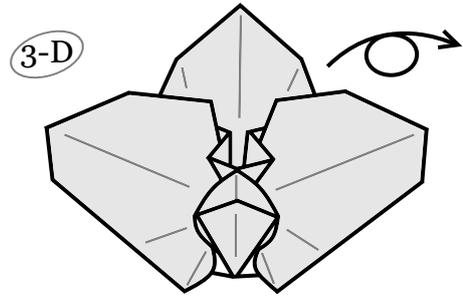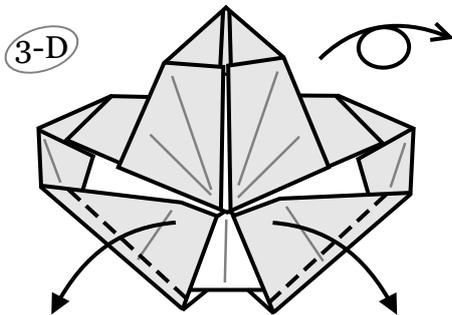19. Flip the model over.

20. Valley fold following the edge underneath (this edge is unfolded in the process).

3

(3-D)

21. Mountain fold outer flaps along existing creases. Then, squash center flap downward.

(3-D)

22. Flip the model over.

(3-D)

23. Valley fold close to edge, but not directly on it. Then, flip the model over.

24. Orchid complete.