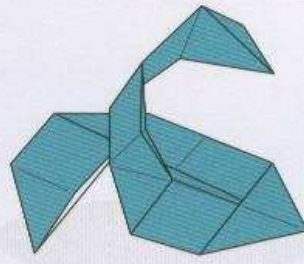


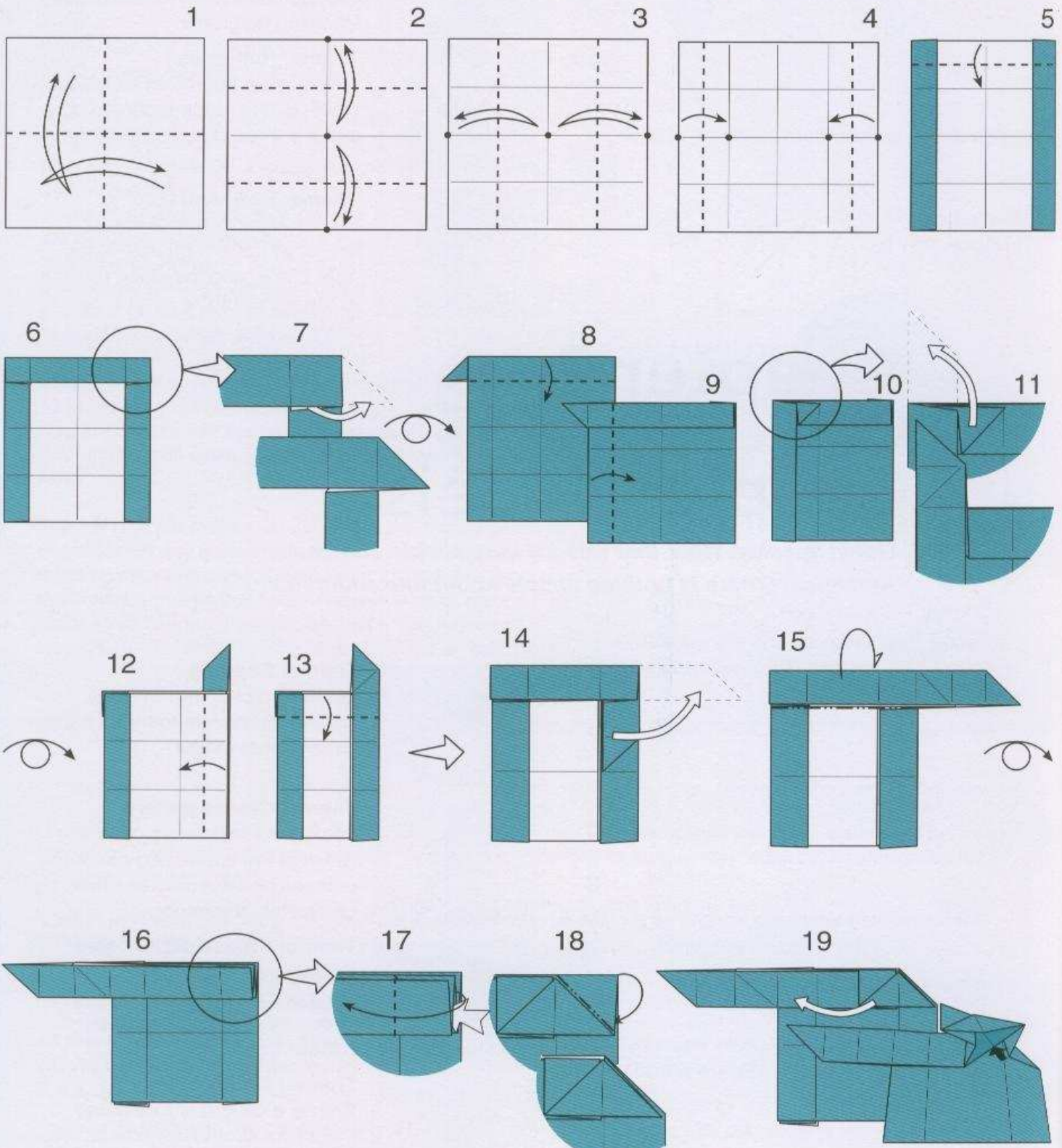
Snake

Theme: Box pleating

Fold using 6" (15 cm) origami paper.

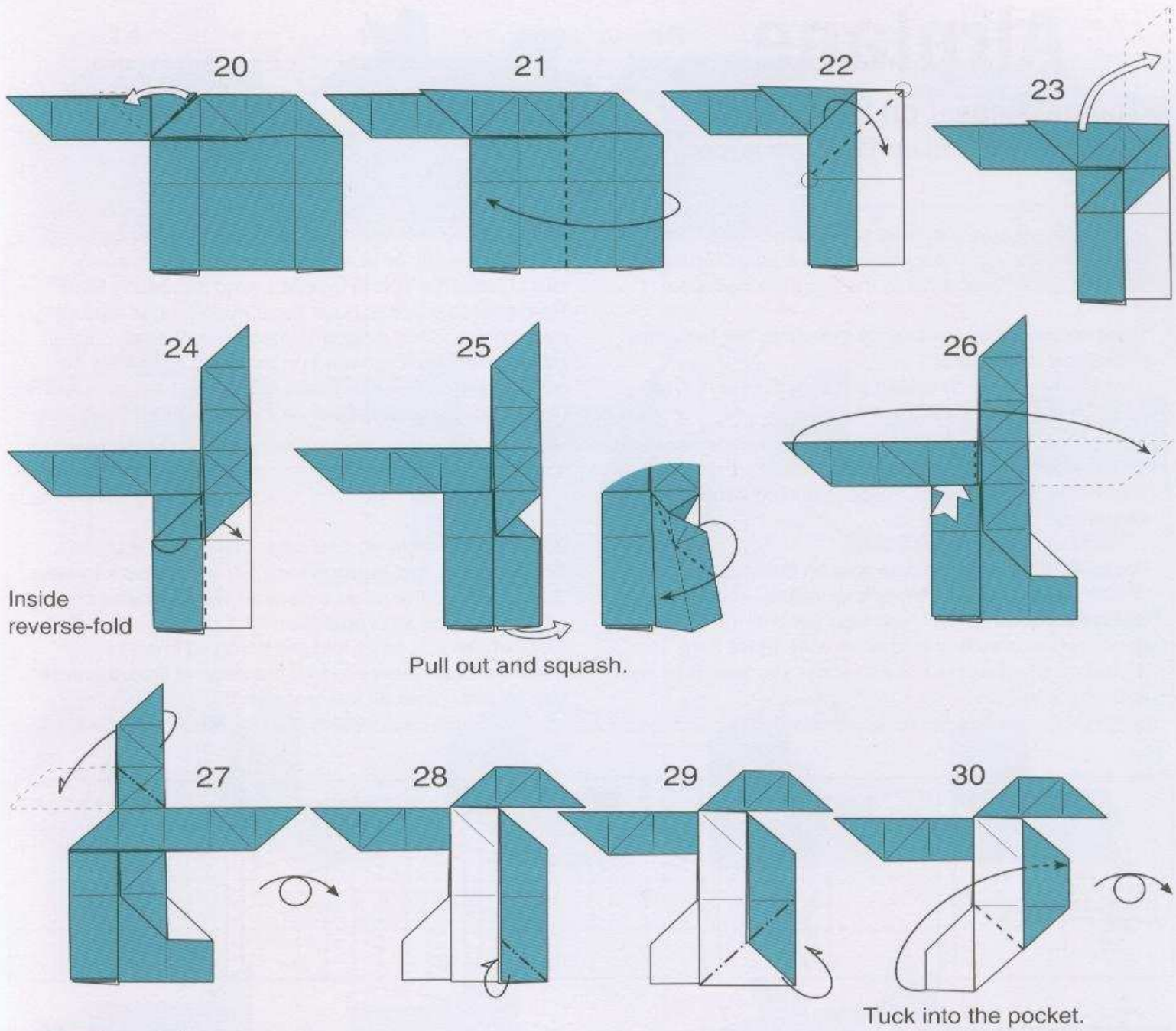


This snake is "longer" than the diagonal of the square. I got the basic idea from another origami snake designed by Masao Okamura.



Inside reverse-fold

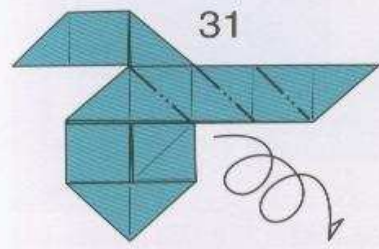
Stretch and squash to make a trapezoid.



Inside reverse-fold

Pull out and squash.

Tuck into the pocket.



Fold over and over.



Stand up the neck and pop up the head to finish.

Box Pleating
 In origami, **box pleating** are folds based on a square grid. We use box pleating to design origami models mainly for one or both of the following purposes.

1. To isolate a point using pleats.
2. To obtain an interesting design using shades of pleats.

The use in Snake is a typical example of the former. An example of the latter is that of Peacock in **Complex Models**. Among the techniques (or structures) of controlling lengths of points with box pleat, the most basic fold is a squash fold to make a trapezoid, as in steps 19- 20. While this model is based on the 8 x 8 grid, much more complex design can be achieved with the 16 x 16 or finer grid.