

GALAPAGOS GIANT TORTOISE

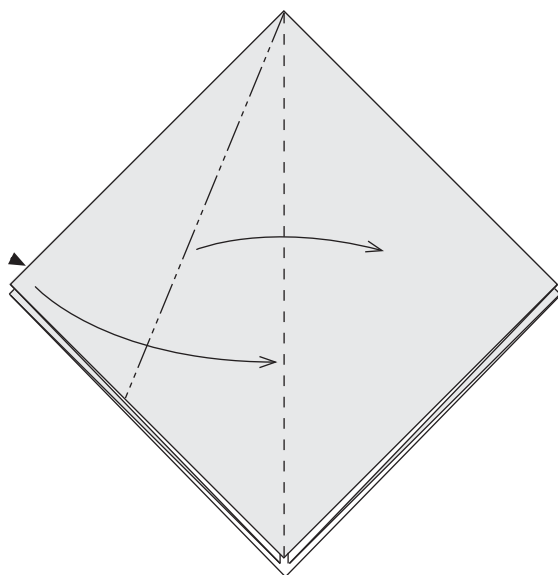
Leong Cheng Chit © 1999

Complex

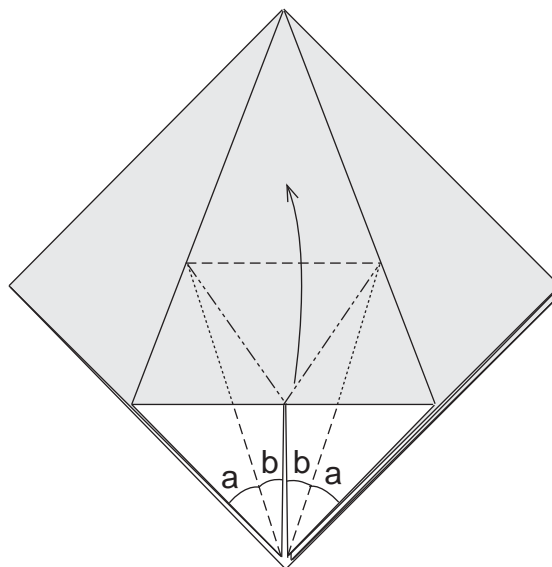
(Singapore)

A 12" square makes a 6" model. 3-D folding is required. It is advisable to use relatively stiff 110g paper.

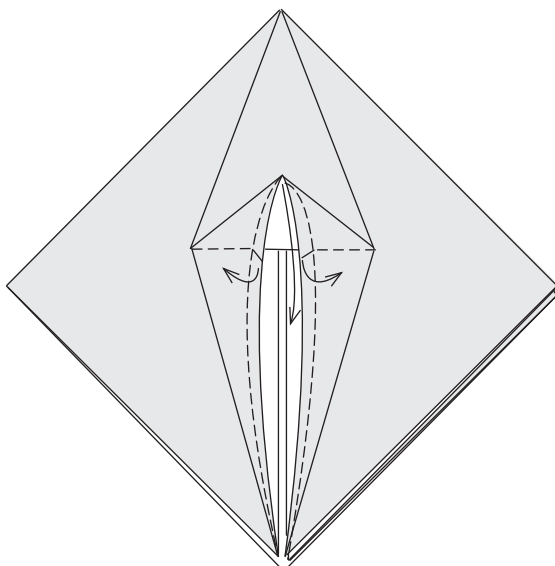
Begin with colored preliminary base.



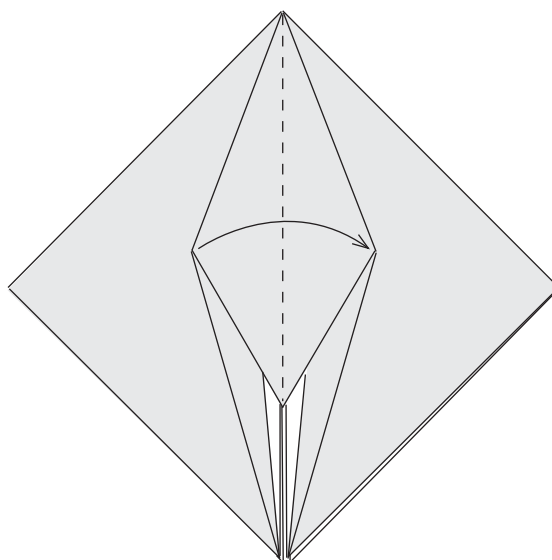
1 Squash fold.



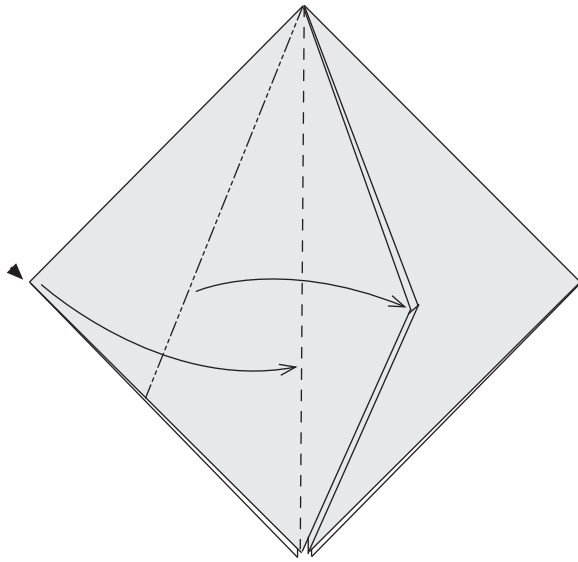
2 Petal fold such that angle a is about one and half times angle b. The fold does not flatten.



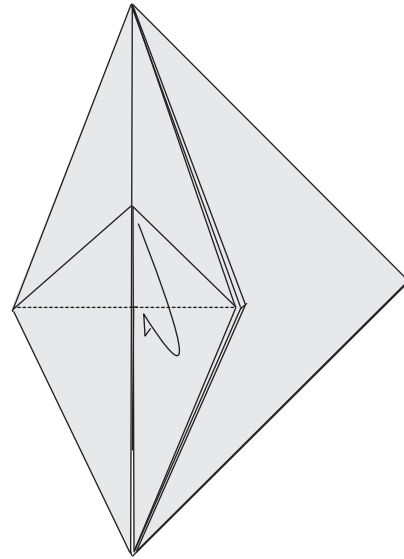
3 Reverse fold left and right edges such that both folds align along central line. Fold down the flap, which forms the head piece. Repeat 1, 2 and 3 for opposite side, but for the petal fold, angle a should only be slightly greater than b. This flap forms the tail.



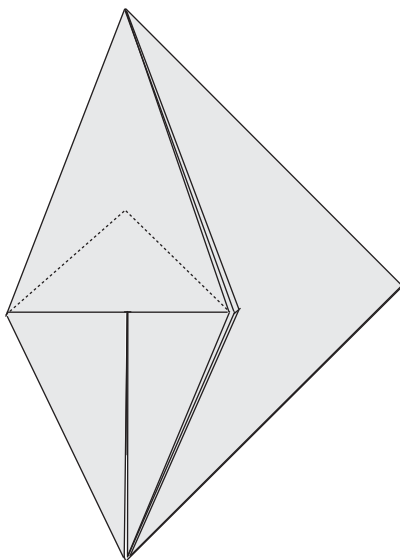
4 Head piece remains on top. Turn left side first layer to right.



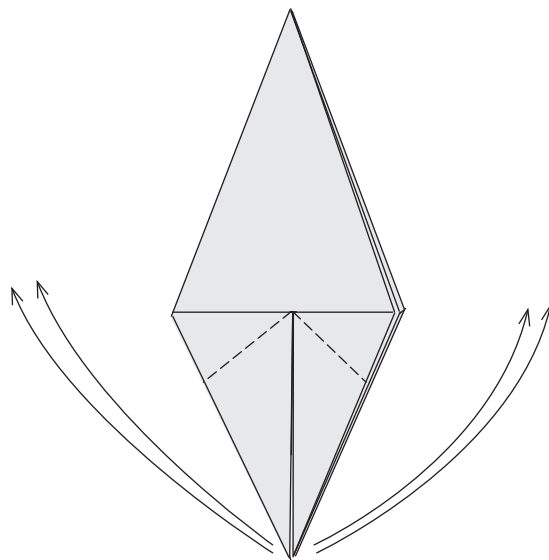
5 Squash and then petal fold.



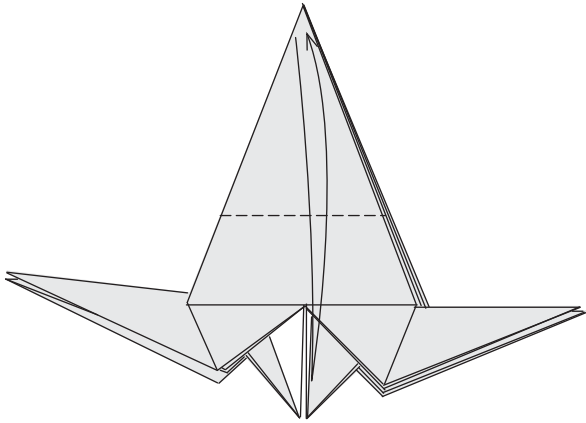
6 Tuck in.



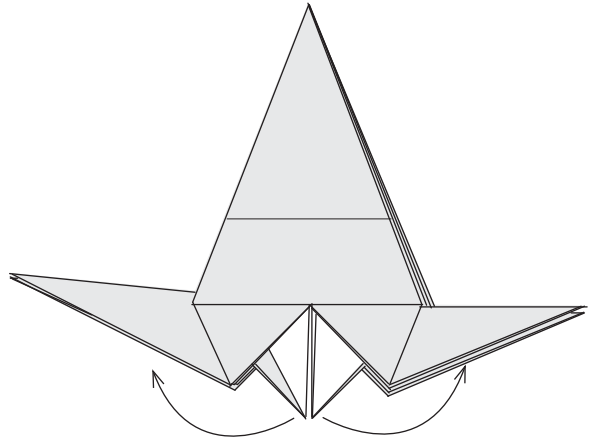
7 Repeat 4, 5 and 6 for opposite side.



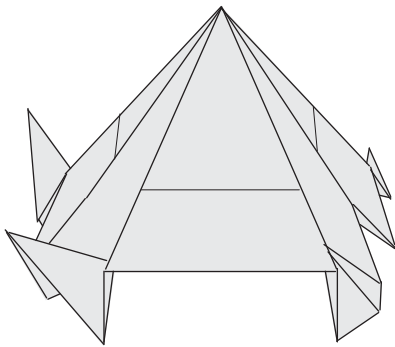
8 Reverse fold 4 limbs, bringing the fore limbs, i.e. those on the side of the head piece, slightly above the other 2.



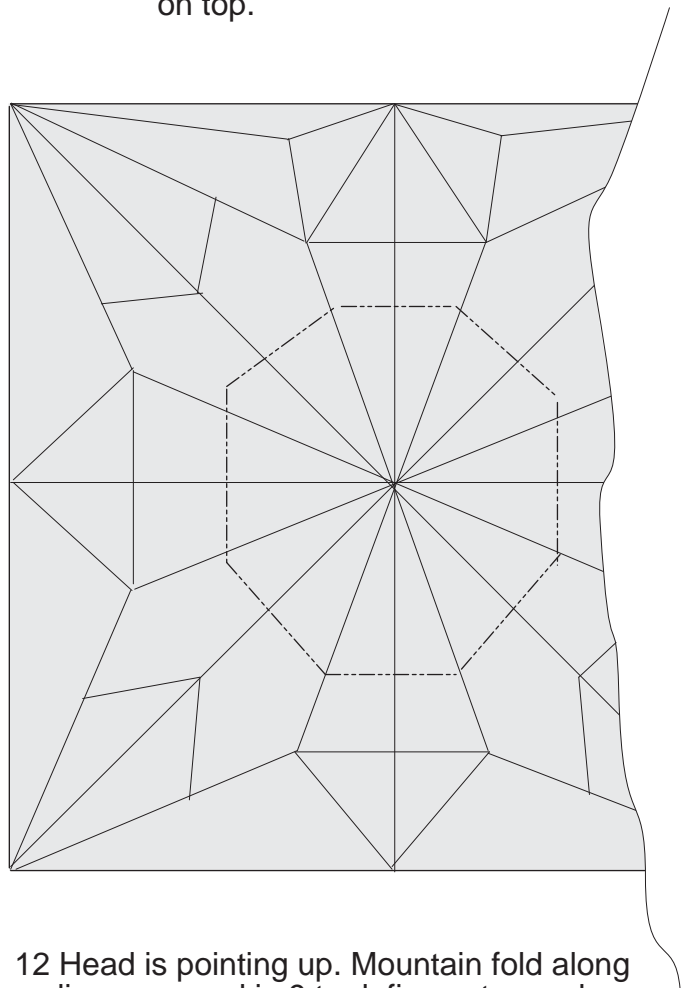
9 Fold to bring tip to point about one-third height of the bottom flaps. Unfold.



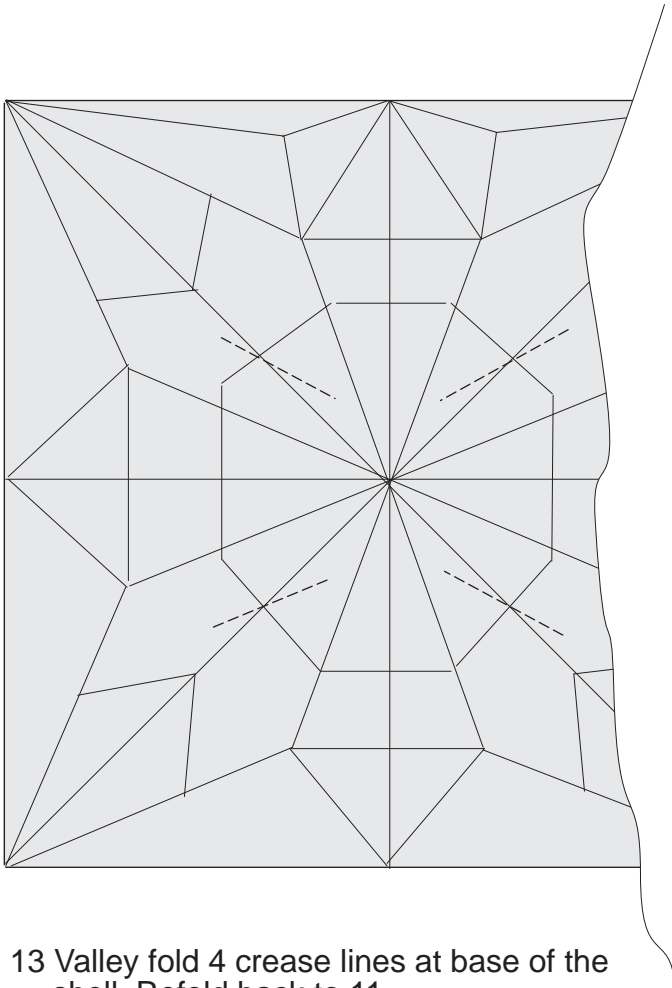
10 Hold the 2 flaps and pull out slowly. A pyramid will be form on top.



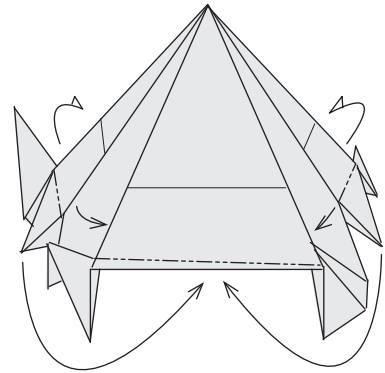
11 Carefully unfold.



12 Head is pointing up. Mountain fold along lines creased in 9 to define octagonal shell. You may lengthen and bring the vertical folds slightly towards the center to give a more elongated shell.

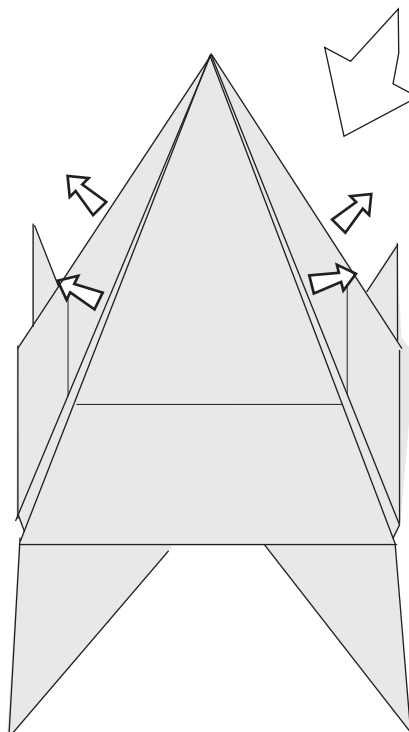


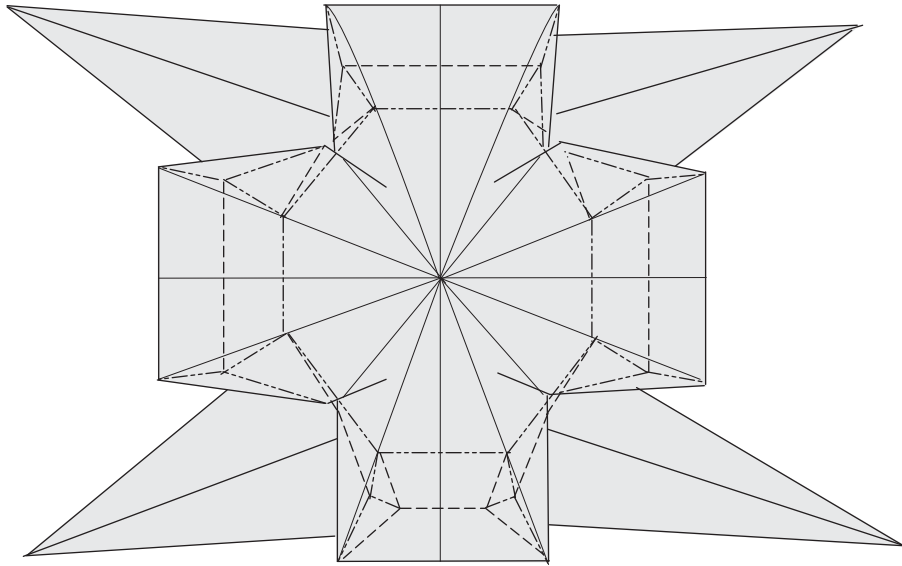
13 Valley fold 4 crease lines at base of the shell. Refold back to 11.



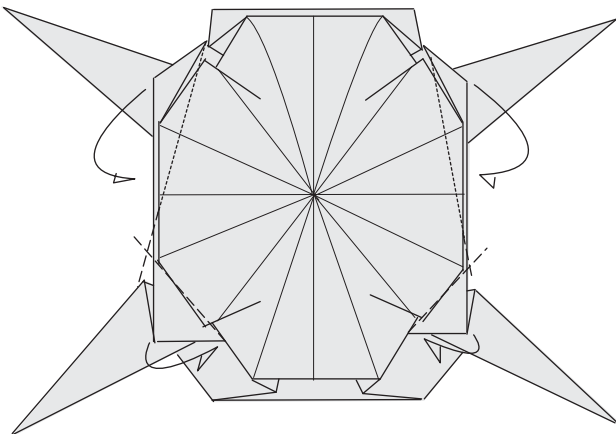
14 Close the folds along the 4 edges of the pyramid. Turn head and tail towards the center. It will be necessary to slightly reform the folds at the base of the pyramid.

15 Loosen folds but do not unfold entirely. Reach from the bottom and make 4 crimp folds along the crease lines formed in 13. The lower ends of the crimp folds should not reach the legs. Bring the inner crimp folds towards the center and slowly round the shell. The folds will not flatten fully.

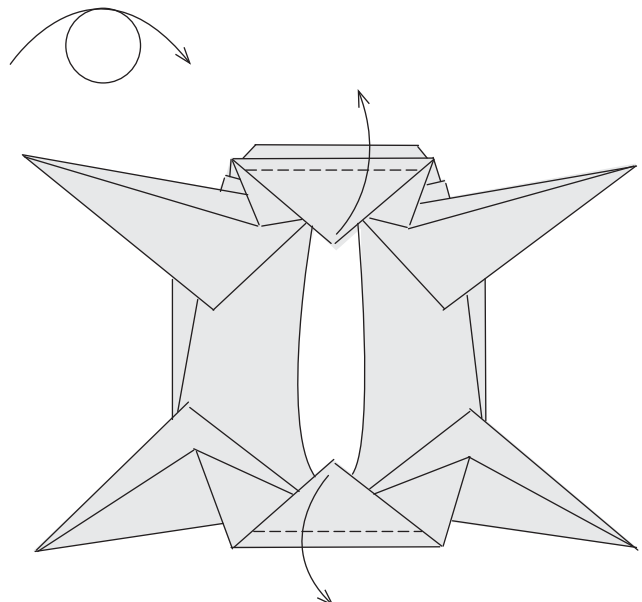




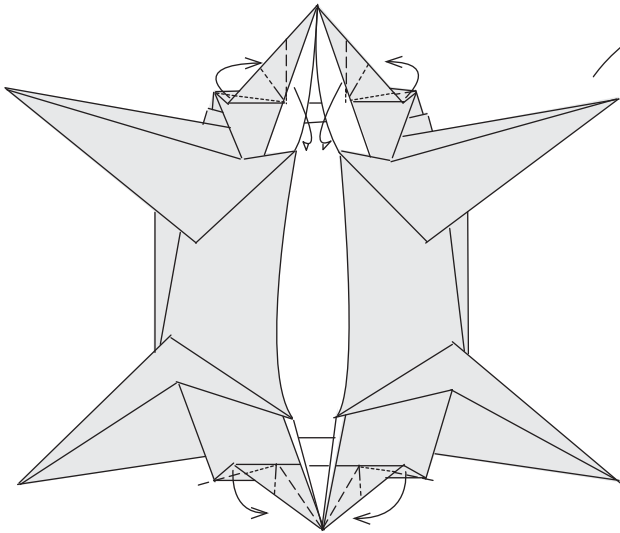
- 16 View from above. Head is on top. Mountain fold the edge of the shell and carefully collapse the sides. Note small difference between the front and back collapsed folds. Form neatly the collapsed folds



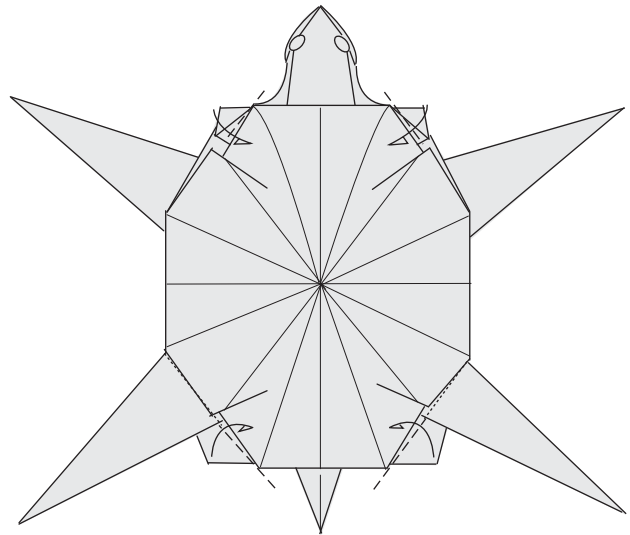
- 17 Fold down and tuck in to lock the 4 legs to the upper part of the model. Turn over.



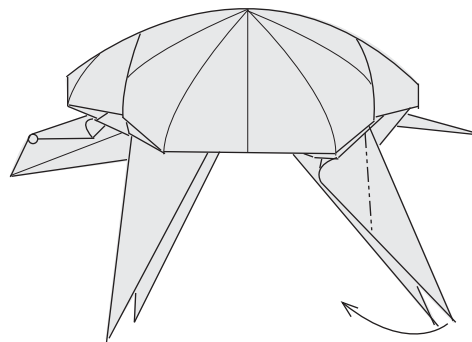
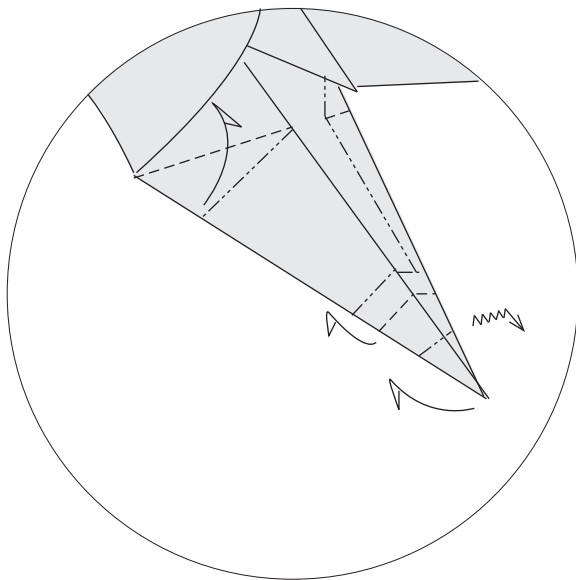
- 18 Valley fold head and tail piece.



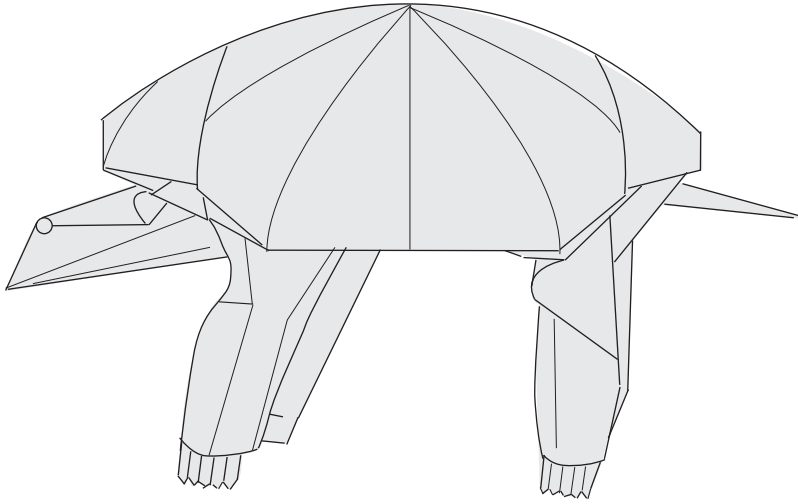
19 Swivel fold to narrow tail and head. Reverse the folds of the free edges at the head piece to give it a 3-D form. Form 2 tiny sink folds at the corners to give the eyes. Turn over.



20 Fold up and tuck in the 4 corners to lock the tail and head piece.



21 Left fore leg is enlarged and viewed from front. Crimp top of inner side and tuck in. Fold in tip and form the five toes with zig-zag folds. Shorten with valley and mountain folds. Repeat for right fore leg. Reverse fold the hind legs and form the toes and feet as for the fore legs..



22 The completed model.