Creation & Diagram :
Nicolas TERRY

http://www.passionorigami.com
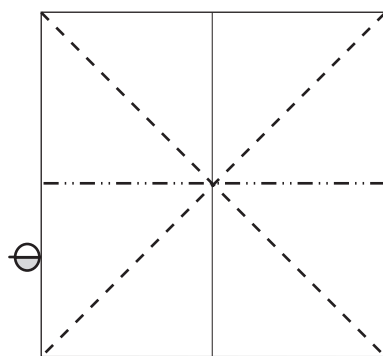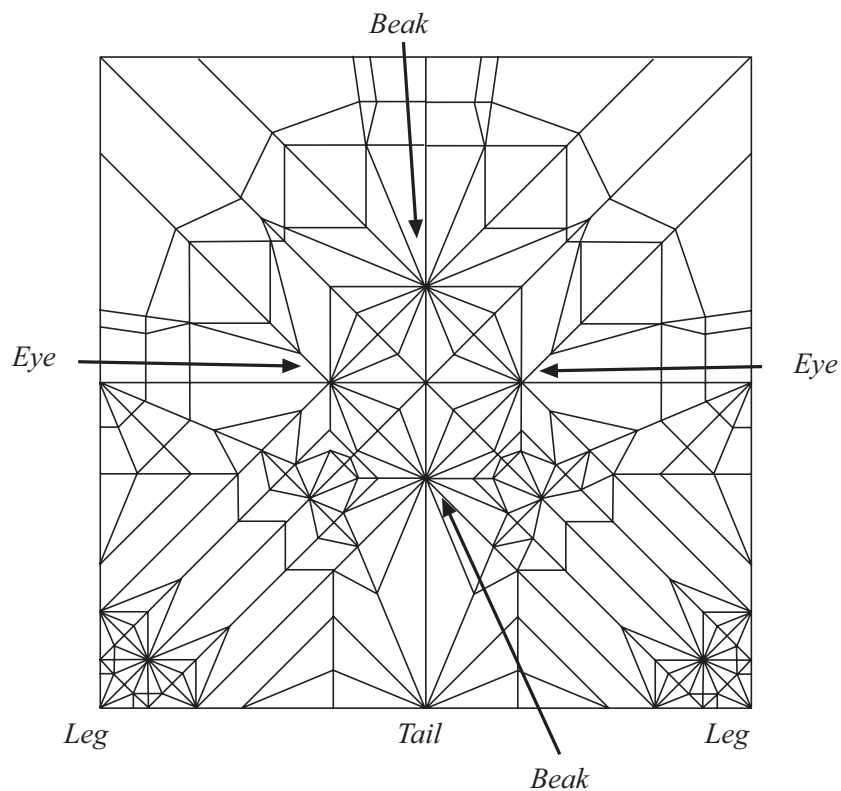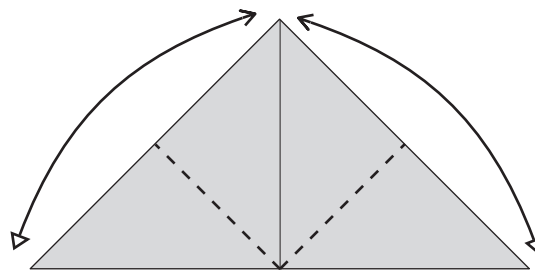
Eagle
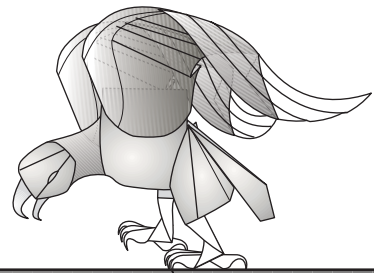
Dédicace to
Yannick Gardin

- Creation #87   / Date : 06/2006   2h00
- *Level* : *Complex*
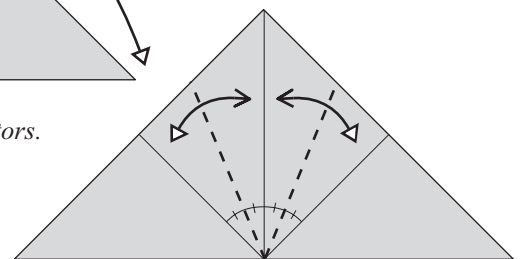- Dimension (R= 0,5) :
  A 40 cm square makes a 20 x 8 *cm model.*

Papier / *Paper* :
☑ Papier classique / *Standard paper*
☑ Papier sandwich / *Tissue-foil*
☒ Papier mouillé / *Wet folding*

Beak

Eye ← → Eye

Beak

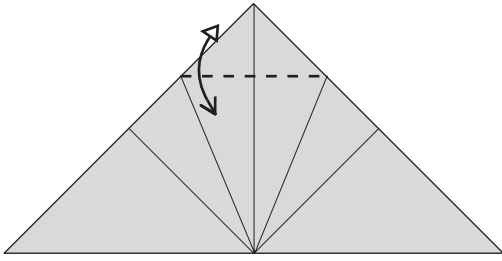Leg   Tail   Leg

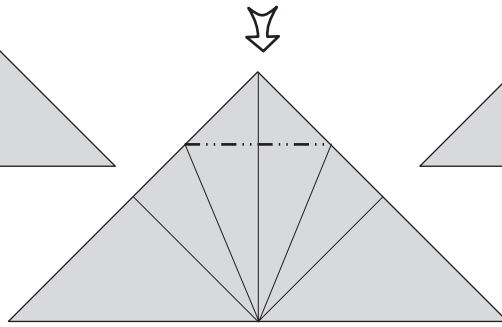1. *Fold and unfold the crease.*
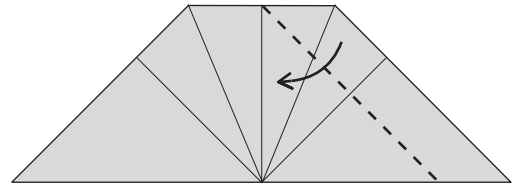*Then fold a water bomb base.*

2.*Crease the angle bisectors.*

3. *Crease the angle bisectors and unfold.*

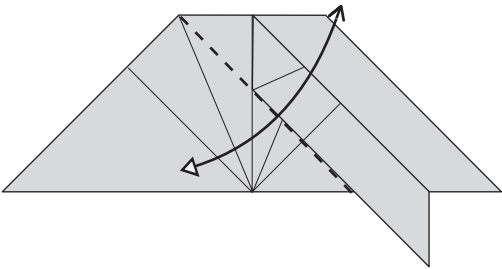4.Fold and unfold.
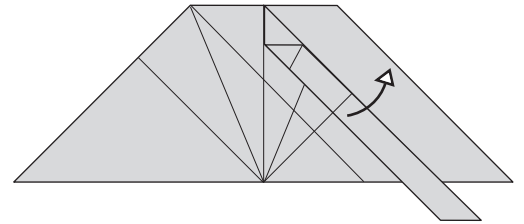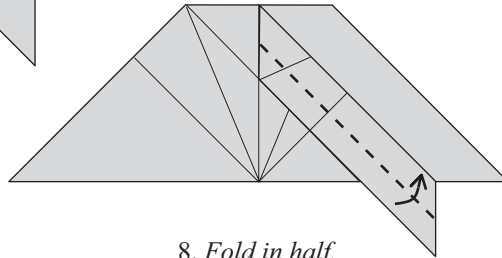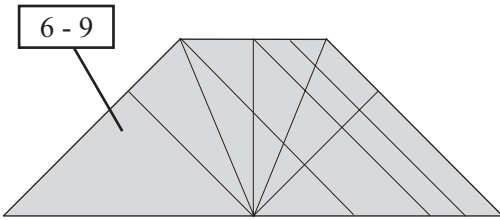
5. Open-sink.

6.Crease along angle bisector.

7. Fold and unfold.

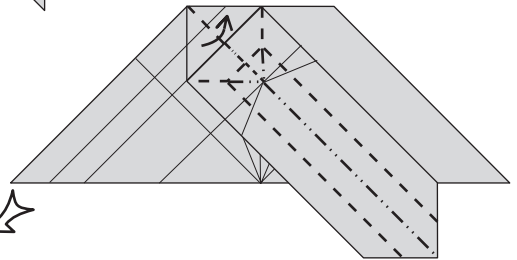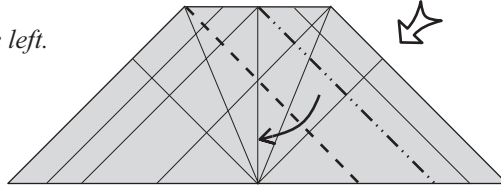8. Fold in half.

9. Unfold.

6 - 9

10.Repeat steps 6 to 9 on the left.

11. Open following the creases and flatten the model.

12. Close incorporating the creases.

11-12
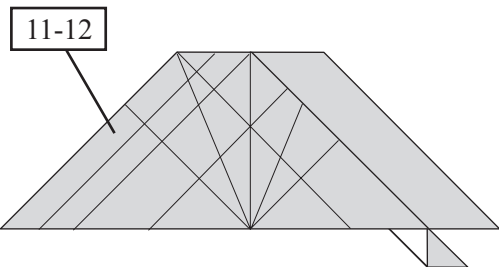
13. Repeat steps 11 to 12 on the left.

14. Turn the paper over.
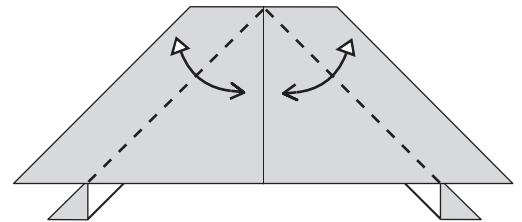
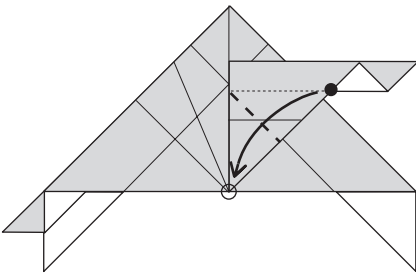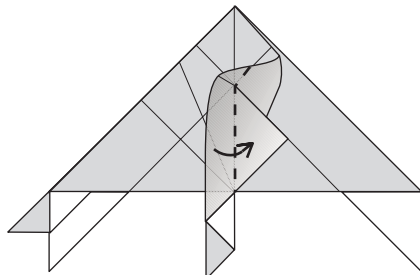15. Crease along angles bisectors and unfold.
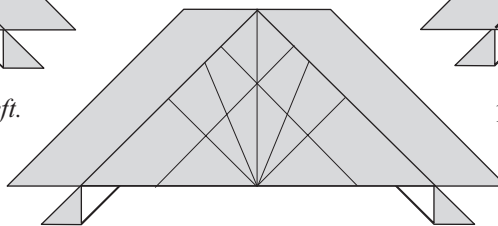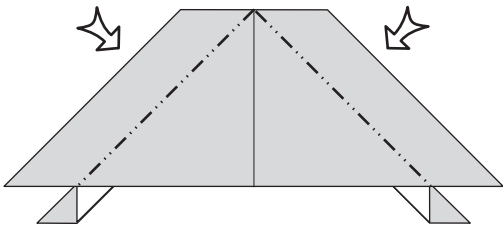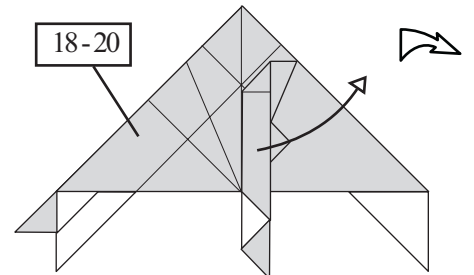
16. *Open-sink.*
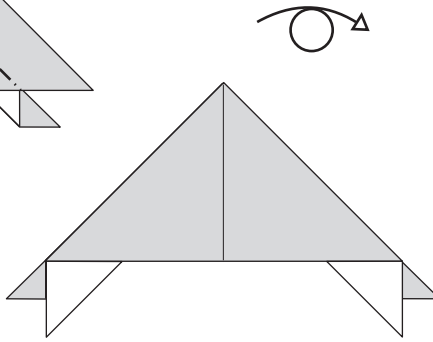
17. *Turn the paper over.*
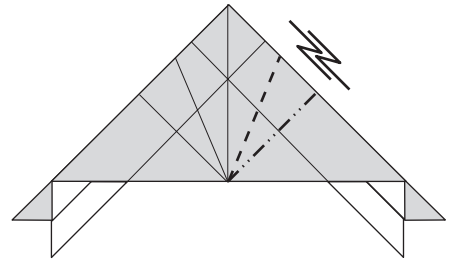
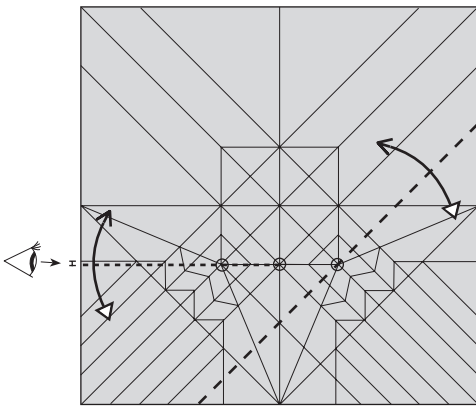18. *Pleat-fold using the creases.*
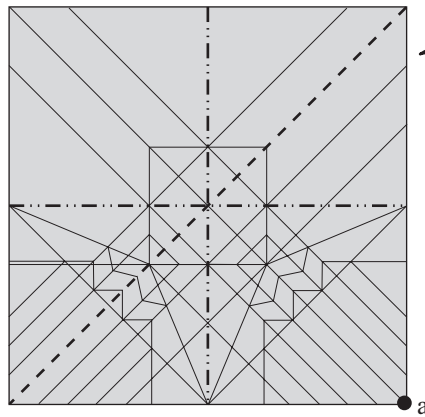
19. *Valley-fold following the references points.*

20. *Valley-fold in order to flatten the model. Crease firmly.*
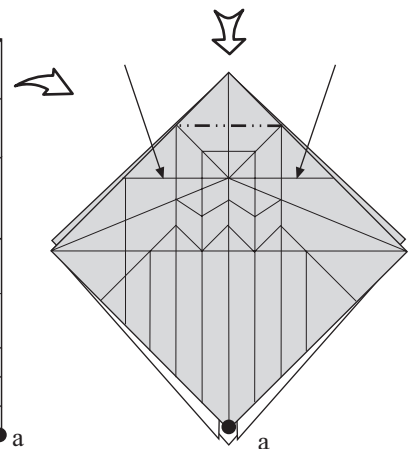
18-20

21. *Unfold the right flap. Repeat steps 18 to 20 to the left. Then unfold all.*
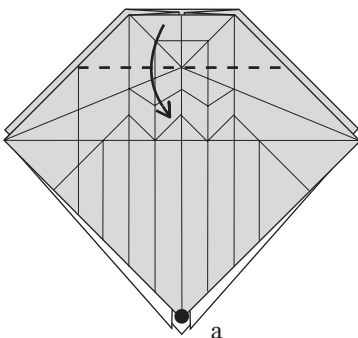
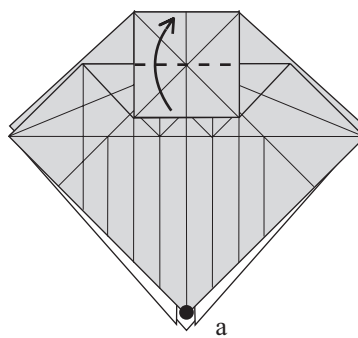22. *Valley-fold and unfold from the reference points.*

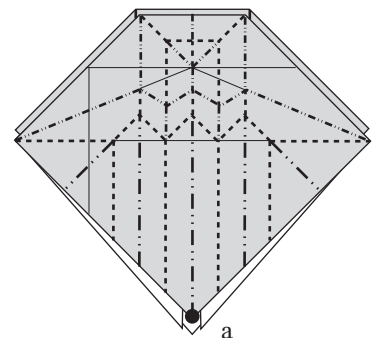23. *Fold a preliminary base. Note the reference point "a".*

a

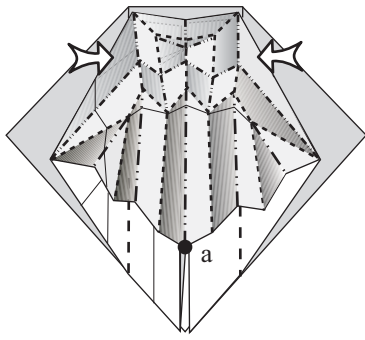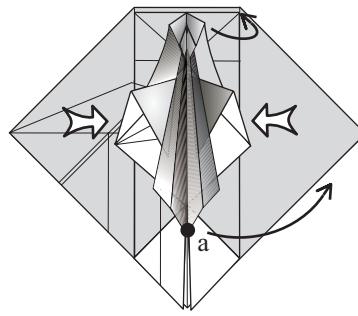24. *Check the presence of the crease (see the arrows). Open-sink.*

a

25. *Valley-fold.*
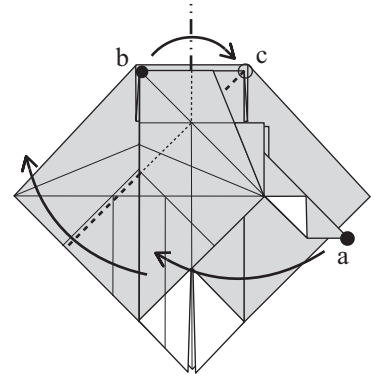
a

26. *Valley-fold.*

a

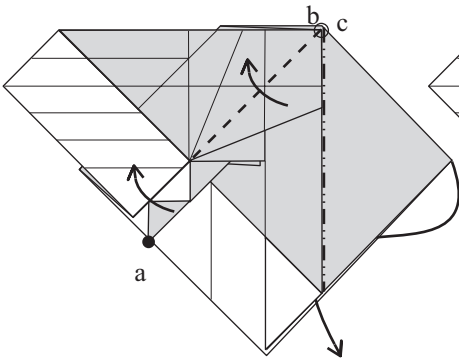27. *Collpase gently following the valley and mountain-fold.*

a

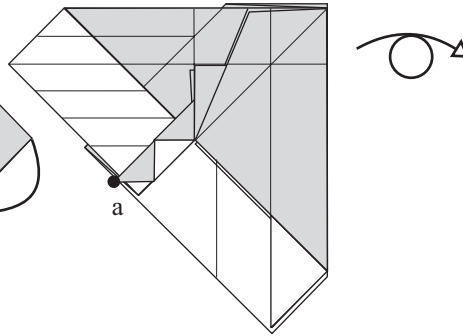28. *Work in progress. Continue the collapse from the top.*

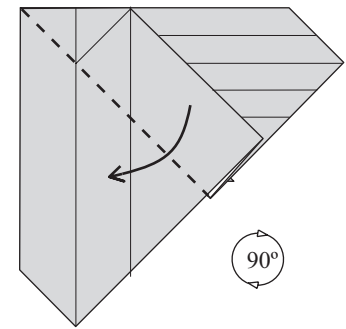29. *Continue to flatten and move to the right.*

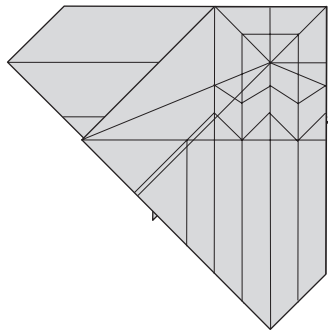30. *Rotate the flap "a" bringing "b" on "c". Use the crease made in step 22.*

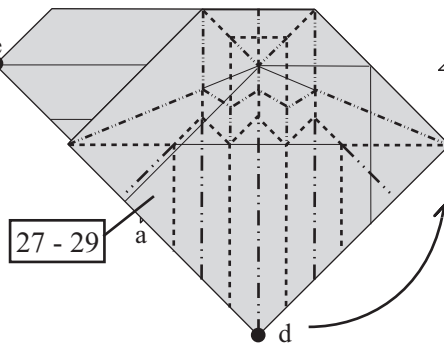31. *Valley-fold the flap "a". Reverse-fold the right flap.*
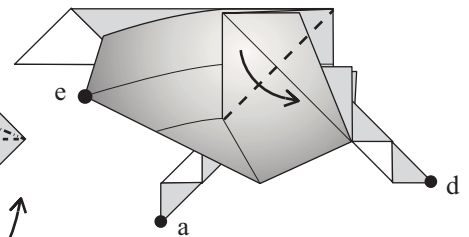
32. *Turn the paper over.*

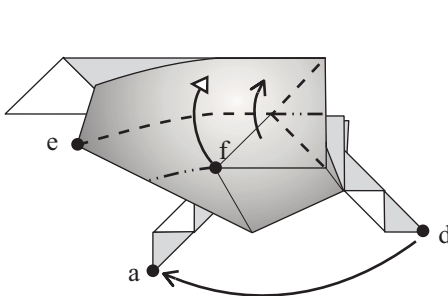33. *Valley-fold the flap.*

90º

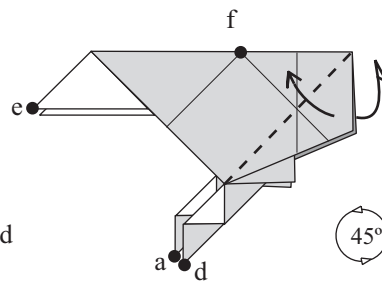34. *Unfold the flap. On the back, you must partially open the model. It becomes not flat*

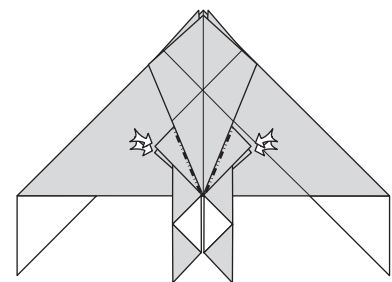35. *Repeat steps 27 to 29.*

27 - 29
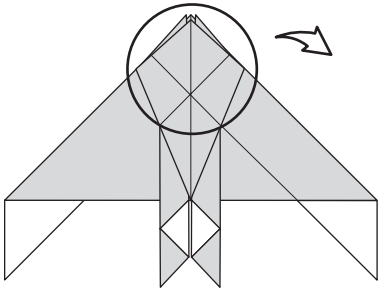
36. *Valley-fold the flap.*

37. *Unfold partially the model and change the reference point "f", convexe, in a concave point. "d" meet "a" and the model become flat.*
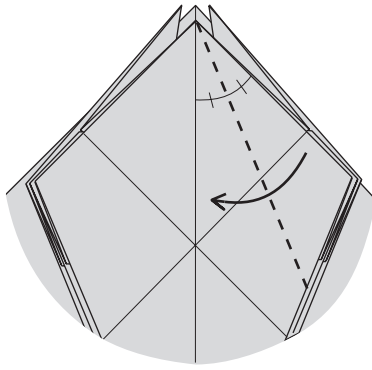
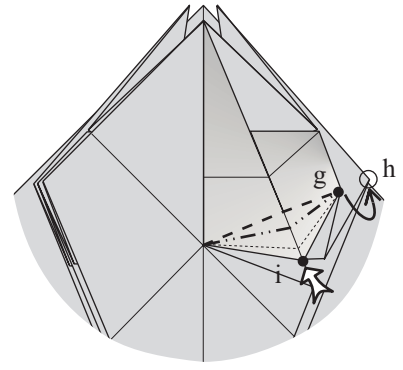38. *Fold each flap of the right on its own wing.*
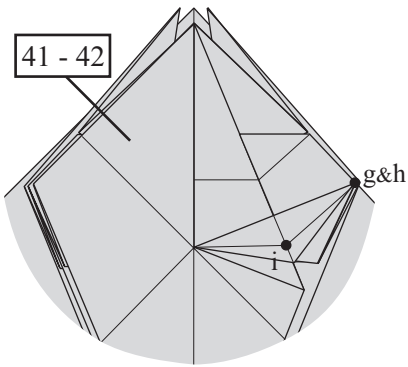
45º

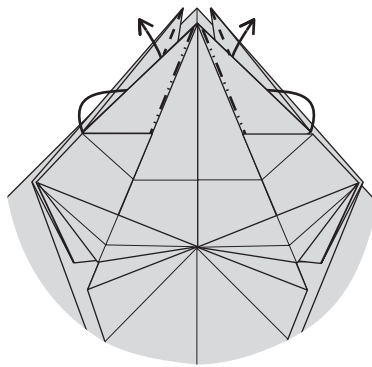39. *Four reverse-folds.*

40.Focus on the head.

41.Valley-fold the fisrt layer along angle bisector.

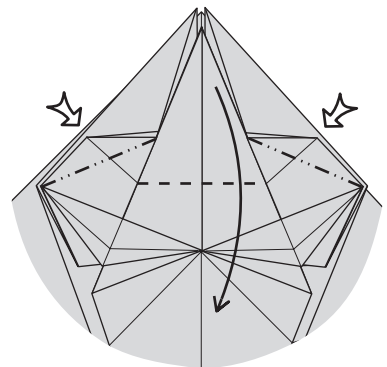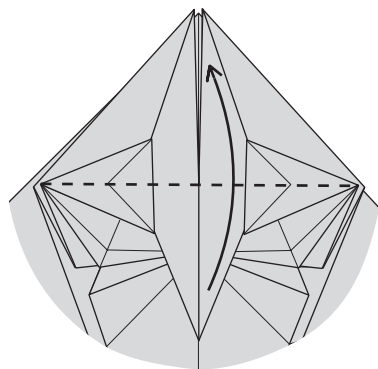*42. The model is not flat. Flatten it bringing "g" on its initial position "h" and push "i" to create a small triangle.*

41 - 42

g&h

i

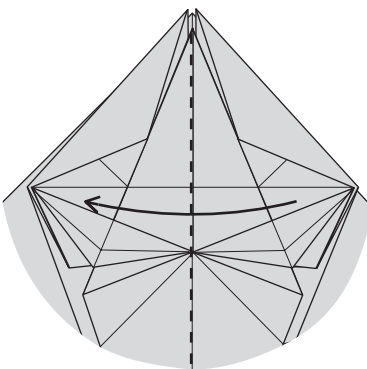*43. Repeat steps 41 to 42 on the left.*
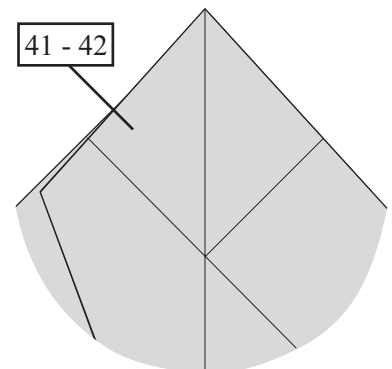
44. Reverse-fold the flaps.

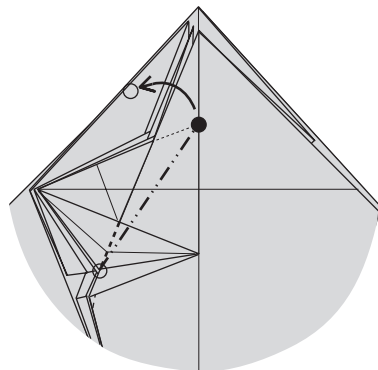*45. Flatten the small triangles while valley-fold the flap.*

46. Valley-fold the flap to the top.

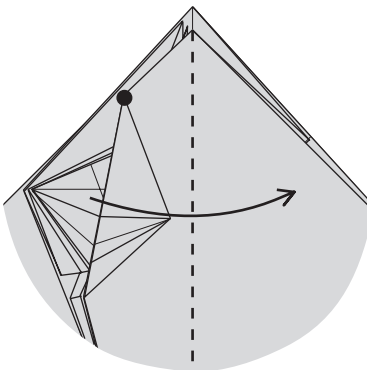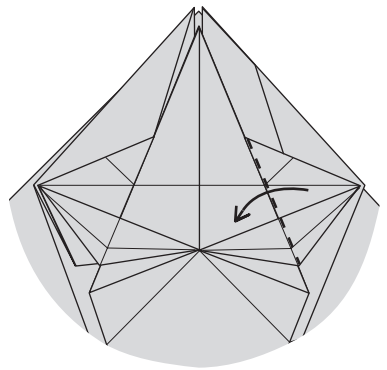*47. Valley-fold the flaps to the left.*

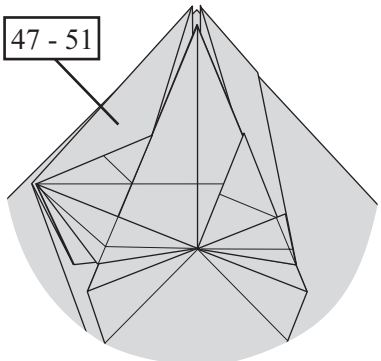41 - 42

48. Repeat steps 41 to 42 on the left.
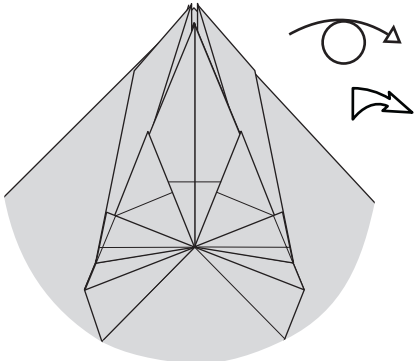
49.Swivel-fold.
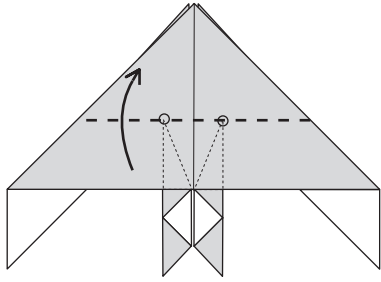
50.Valley-fold the flap to the right.

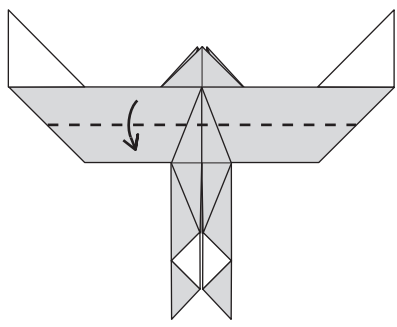*51. Valley-fold the flap to the left. if you are crazy, try a sink !*
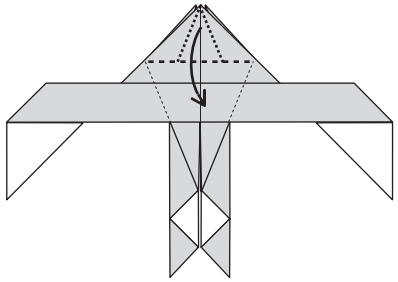
47 - 51

52.*Repeat steps 47 to 51 on the left.*

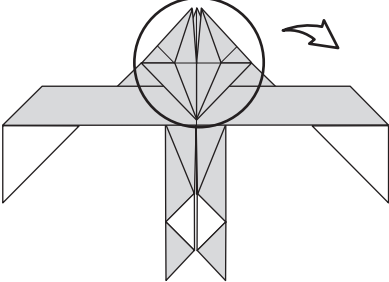53.*Turn the paper over.*

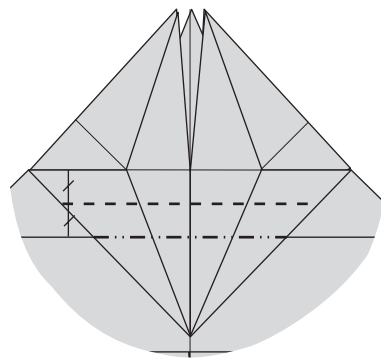54. *Valley-fold the wings as far as possible.*
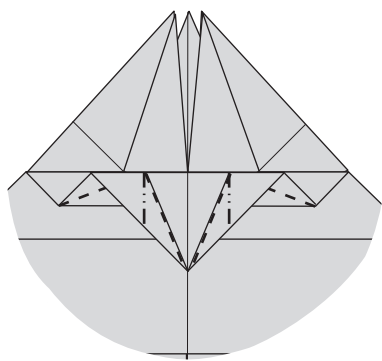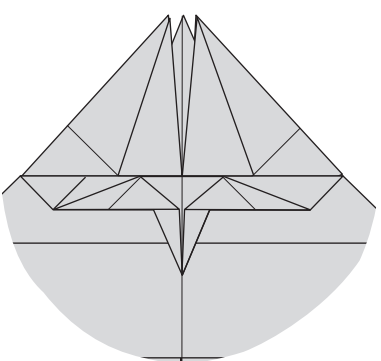
55. *Valley-fold the wings in half.*
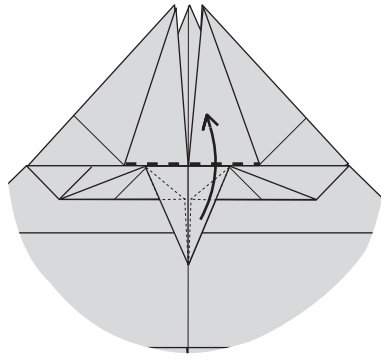
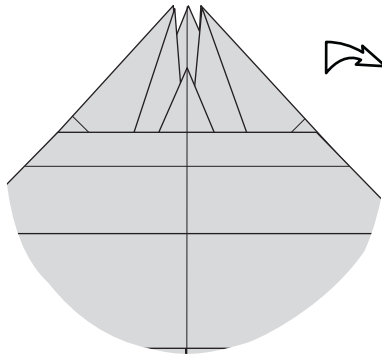56. *Petal-fold.*

57.*Focus on the beak.*
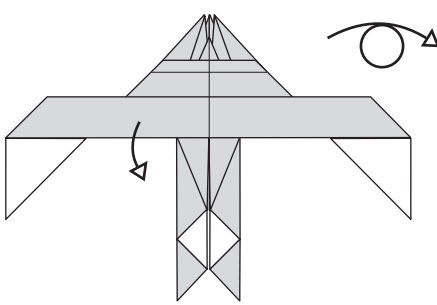
58.*Pleat-fold.*

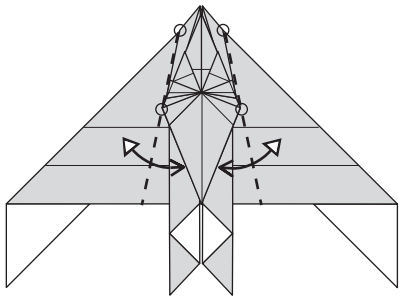59. *Swivel-folds.*

60.*Put the flaps in the pocket.*
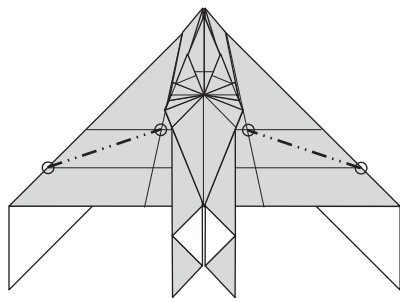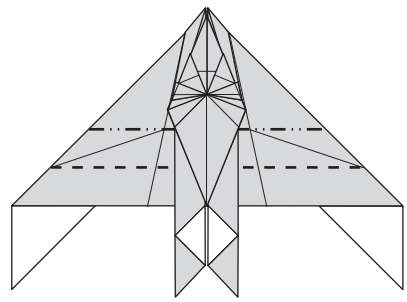
61. *Valley-fold the beak.*

62.*The result.*

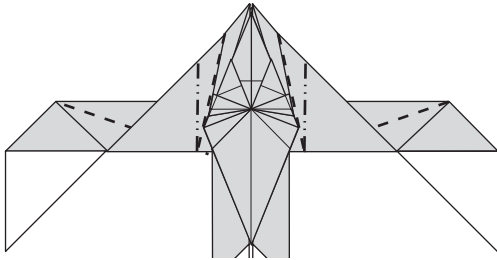63. *Unfold the wings and turn the model over.*
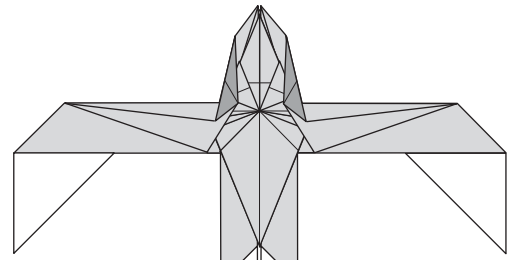
64. *Valley-fold and unfold.*
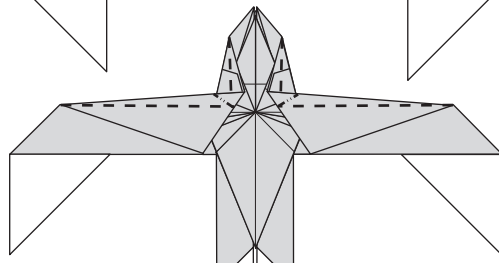
65. *Mountain-fold and unfold.*
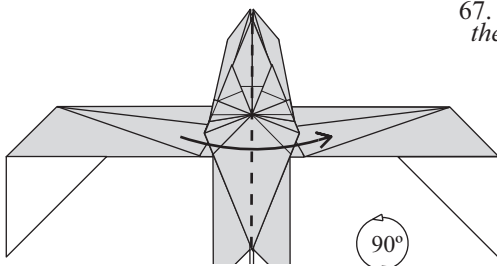
66. *Pleat-fold the wings.*
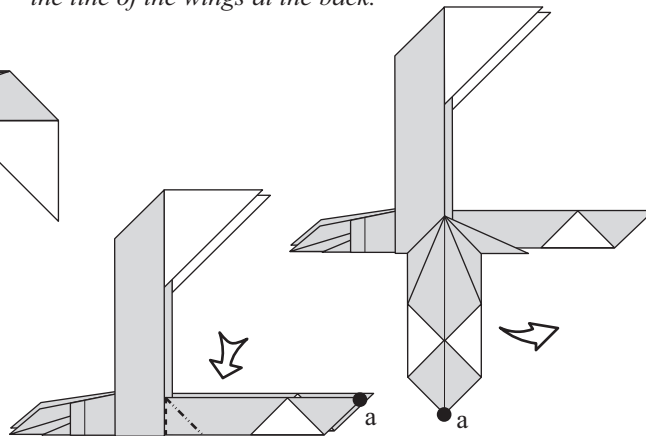
67. *Swivel-folds.*
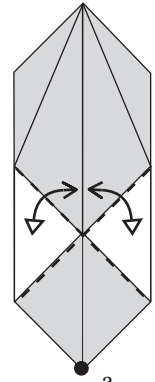
68. *Put the shadow parts under the flaps.*

67. *Swivel-folds. Take as reference the line of the wings at the back.*
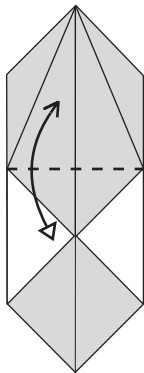
90º

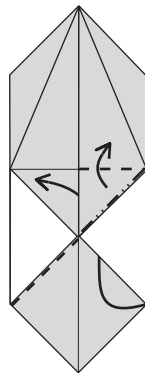68. *Fold the model in half. Be careful to not damage the paper !*
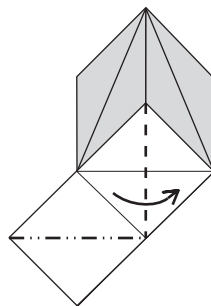
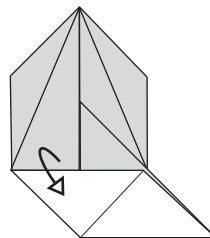69. *Squash-fold on the flap. Focus on this part.*

a

70. *Valley-fold and unfold.*

a

a

71. *Valley-fold and unfold.*
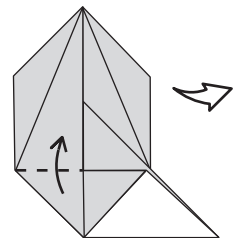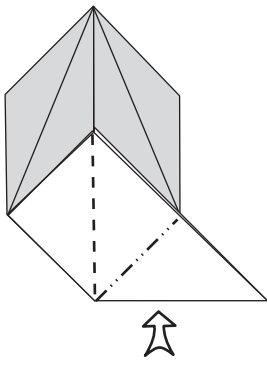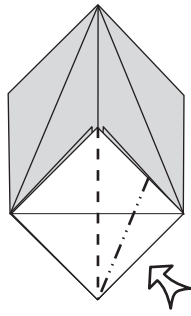
72. *Reverse-fold.*

73. *Squash-fold.*
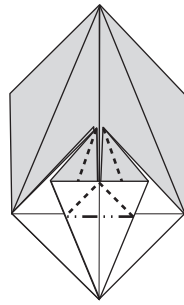
74. *Pull out the hidden flap.*
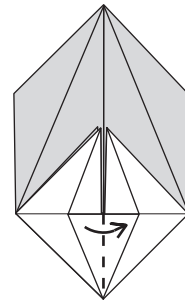
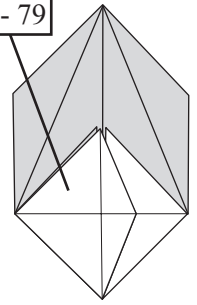75. *Valley-fold the flap.*

76. Squash-fold.
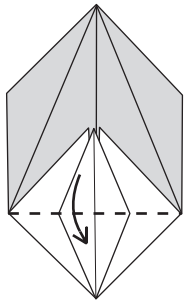
77. Squash-fold.

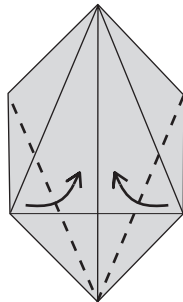*78. Pull the small tip inside.*

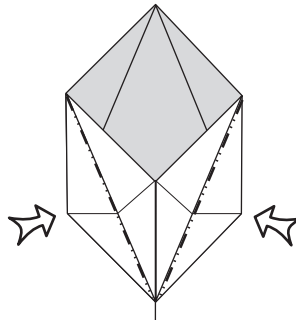*79. Valley-fold the flap to the right.*
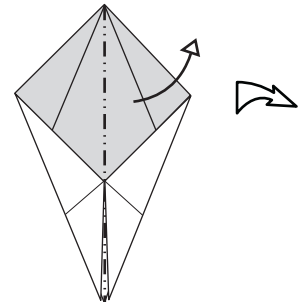
80. Repeat steps 77 to 79 on the left.
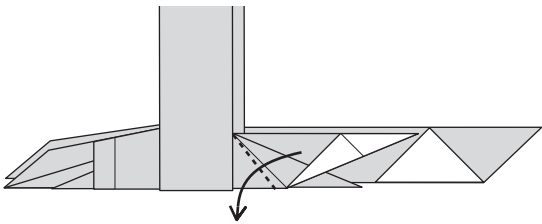
81. Valley-fold the 3 flaps.

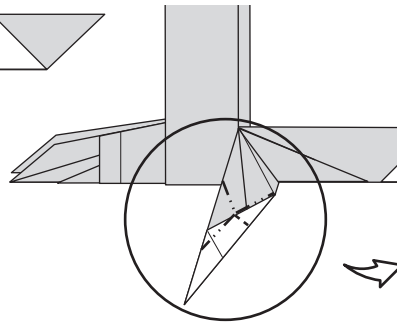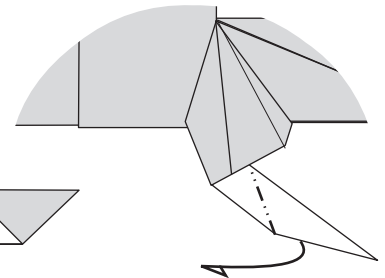*82. Valley-fold along angle bisector.*

83. Open-sink.

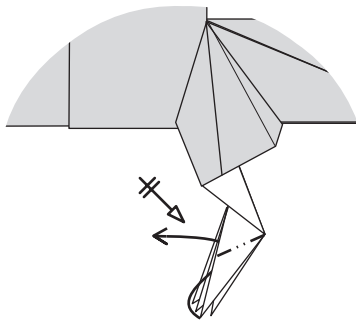*84. Pull back the flap as for step 69 without unfolding the fingers.*

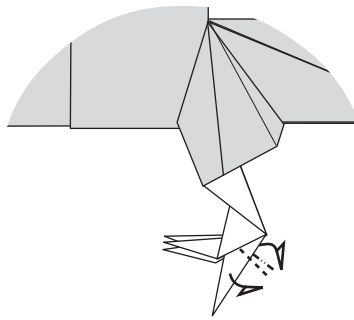*85. Valley-fold the lef. Note the final position at the next step.*
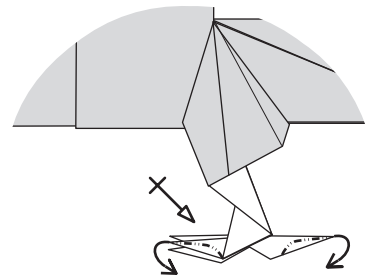
86. Focus on the leg. Rabbit-ear fold.

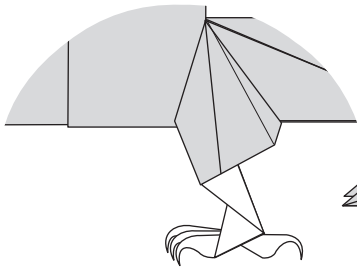*87. Mountain-fold.*

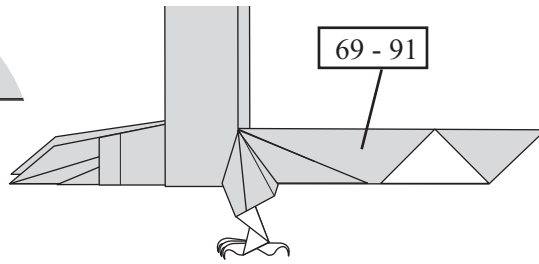*88. Reverse-fold the 3 front flaps.*

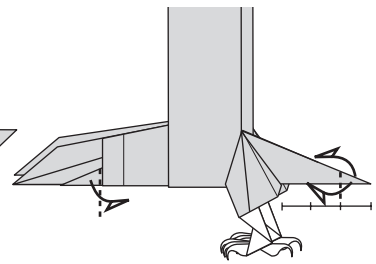*89. Outside reverse-fold the last flap.*

90. Shape the fingers.

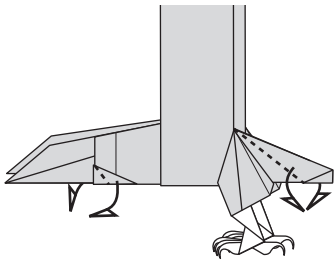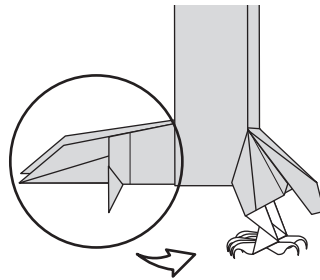91. *The result.*

92. *Repeat steps 69 to 91 on the other leg.*

69 - 91

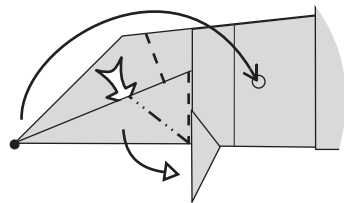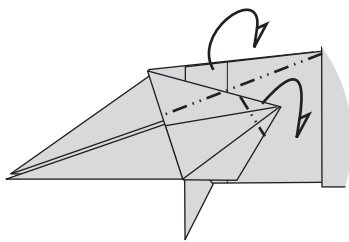93. *Outside reverse-fold for the tail and the beak*

94. *Outside reverse-fold for the tail and the beak*
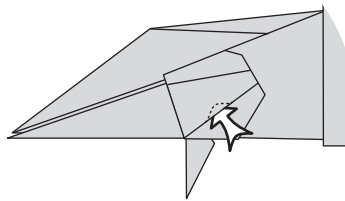
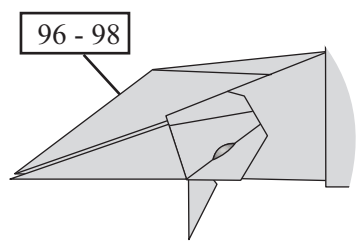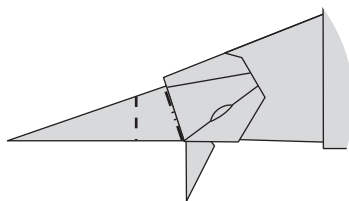95. *Focus on the head.*

96. *Squash-fold.*

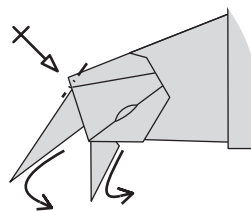97. *Mountain-folds to round the head.*

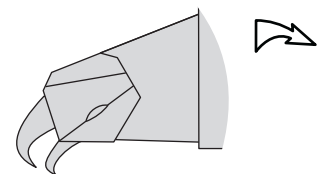98. *Create the eye using the different layer.*

96 - 98
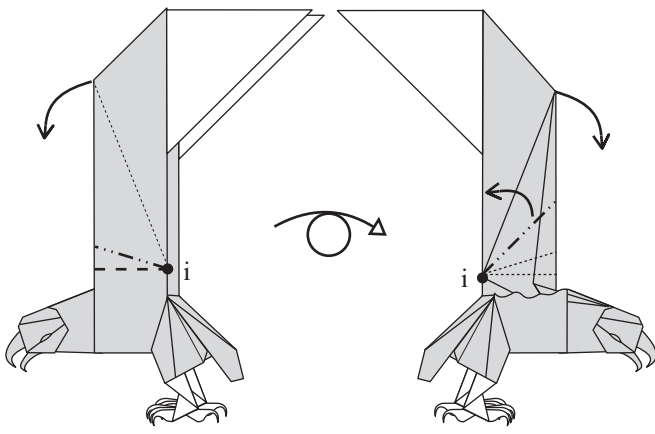
99. *Repeat steps 96 to 98 on the other side.*
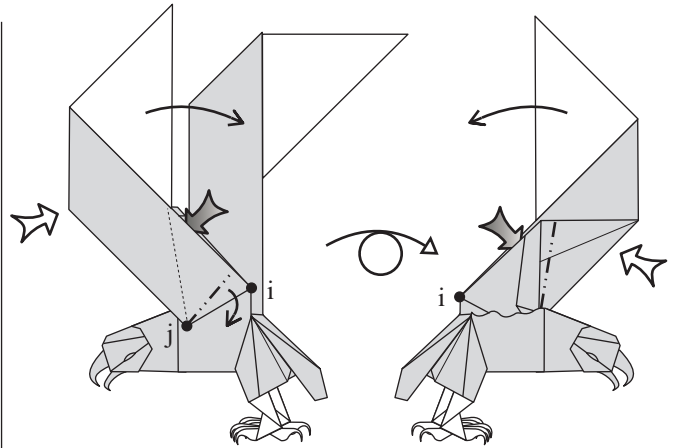
100. *Crimp-fold for the beak.*

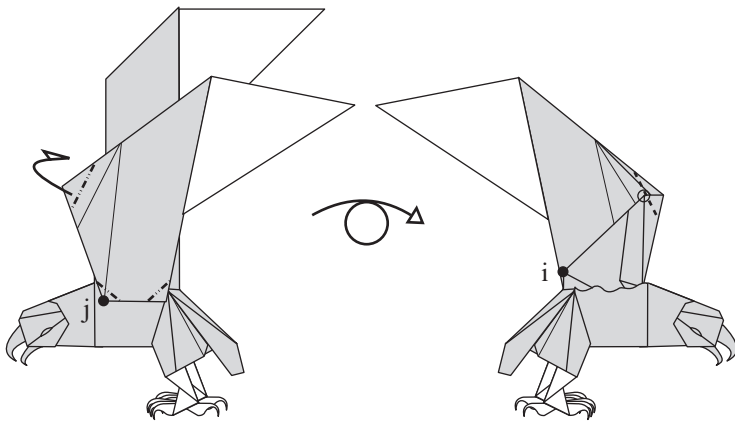101. *Shape the two parts of the beak and the head.*
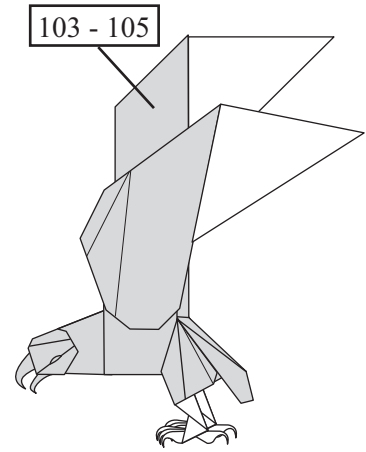
102. *Come back to the model.*

103. The draws show the same step from the both side. At the righ, a part of one wing has been removed for more clarity. Rotate the wing from the reference point "i".
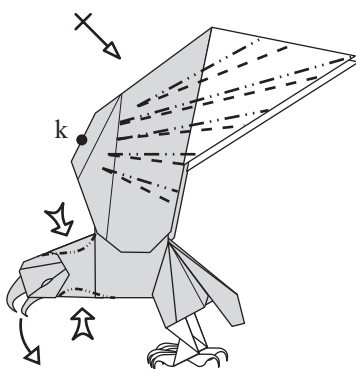
104. Rotate the wing a new time from the reference point "j" using a swivel-fold for each side.
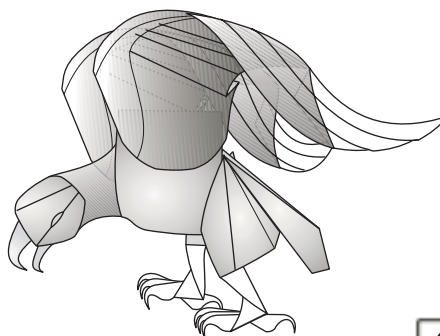
105. Round the wing at the bottom and the corner with Mountain-folds.

103 - 105

106. Repeat steps 103 to 106 on the other wing.

107. Fine the neck and shape the head, moving it for example down.
Shape the wings with pleat-fold as you wish. The corner "k" of the wings should have a nice 3D effect if you have the well pleat-folds.

105. Finished Eagle.

Challenge : Use the 4 flaps of the head to create different birds. Use also the different layer of the 2 flaps where you placed the eyes, to obtain more detailed head.