

Tissue Box

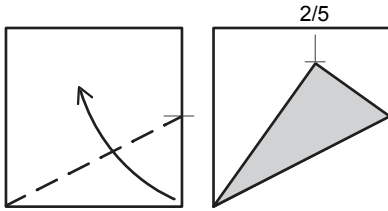
Designed by Francis Ow ©1986
 Diagrammed by Mari Michaelis ©2011

The length of the finished box is about $1/2$ the width of the paper.

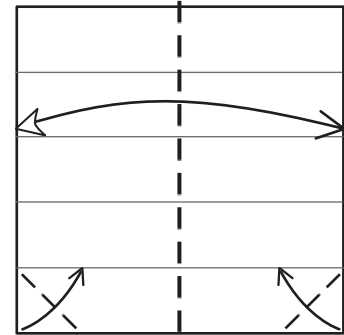
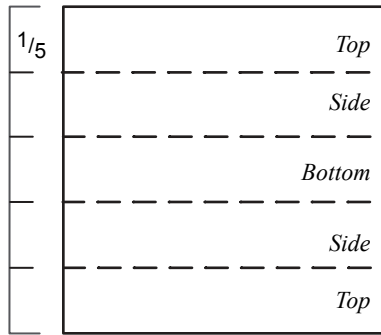


Finding 5ths: if you want to measure,
 $1/5$ of 6 inch paper is $1 \frac{2}{10}$
 $1/5$ of 12 inch paper is $2 \frac{4}{10}$

Finding 5ths:
 if you don't want to measure:

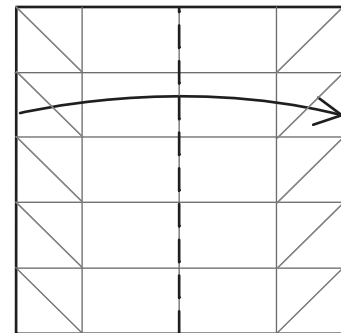
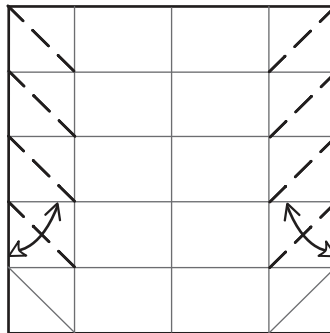
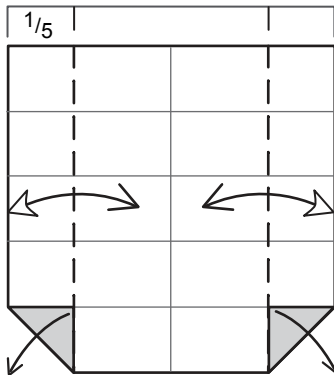


 Start White side up.



1. Divide into 5ths horizontally.

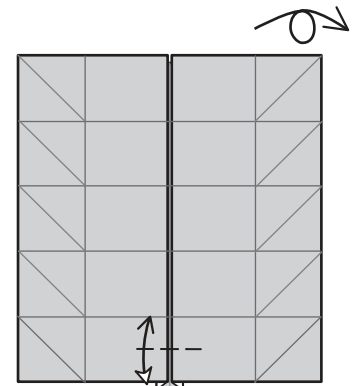
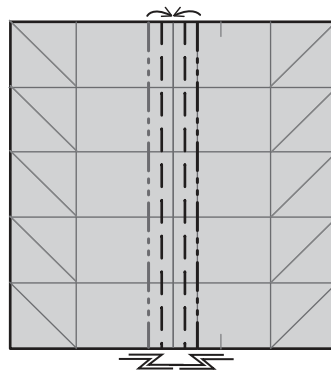
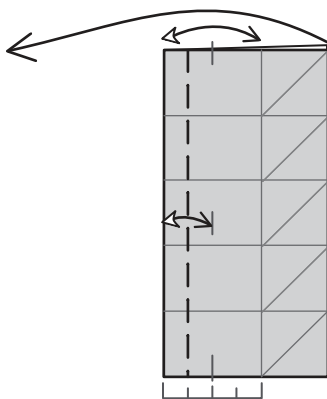
2. Valley fold and unfold in half vertically.
 Diagonally fold the corners in.



3. Valley fold and unfold the sides
 in $1/5$. Unfold the corners.

4. Fold and unfold diagonal creases.

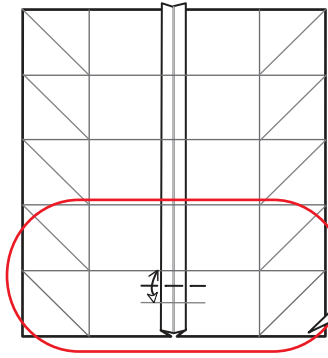
5. Valley fold in half vertically.



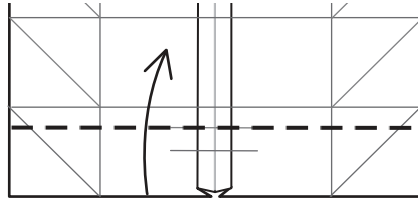
6. Pinch crease from the folded edge to the
 crease line. Valley fold and unfold from the
 folded edge to the pinch crease. Unfold all.

7. Change the right-side crease
 to a mountain. Valley fold the
 mountain creases to the center
 crease, making a pleat.

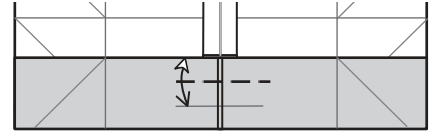
8. Make a short valley fold from
 the edge to the crease. Turn over.



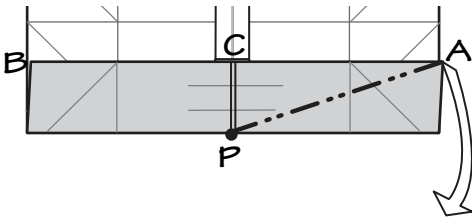
9. Make a valley fold and unfold. Next view is enlarged detail.



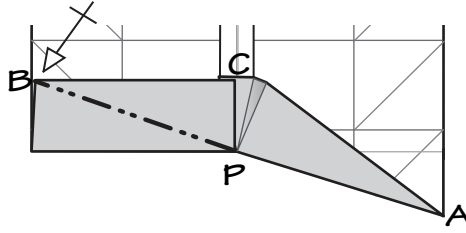
10. Valley fold up on the crease just made.



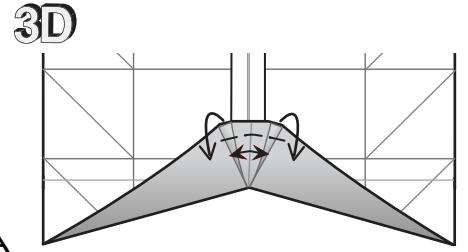
11. Make a short valley fold to the crease.



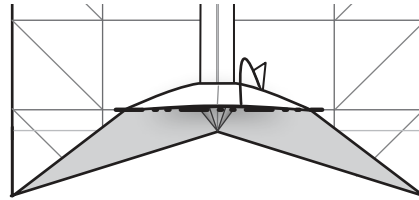
12. Make a diagonal mountain fold on the flap by swivelling the corner (A) out and down, pivoting on the center (P). Model will not lie flat, the pleat (C) will open.



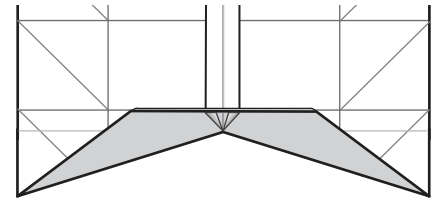
13. Repeat on the left. Model is 3D.



14. To flatten, spread-squash the center pleat from the bottom up. When the top curves down, squash it flat.

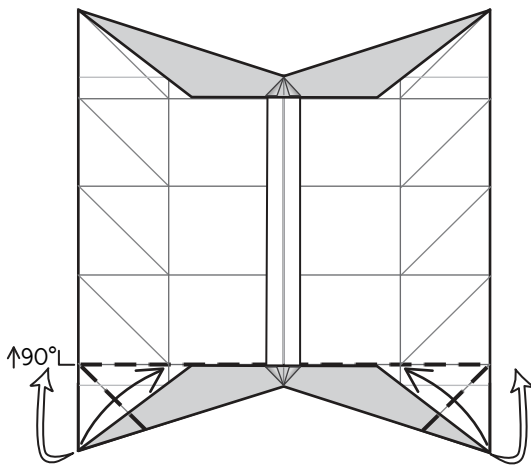


15. Mountain fold behind (lines up with the bottom 5th crease).

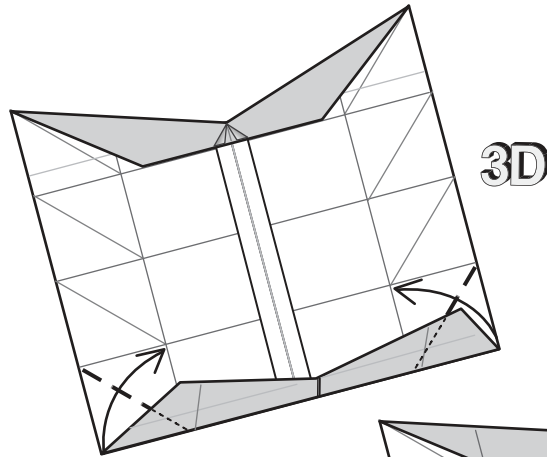


16. Repeat steps 8-15 on the other end.

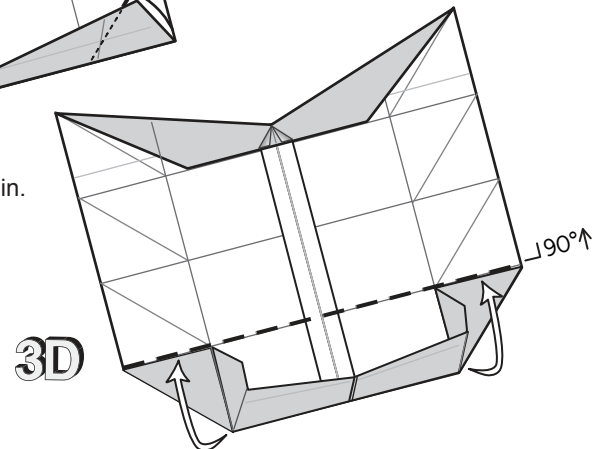
Collapsing the model:



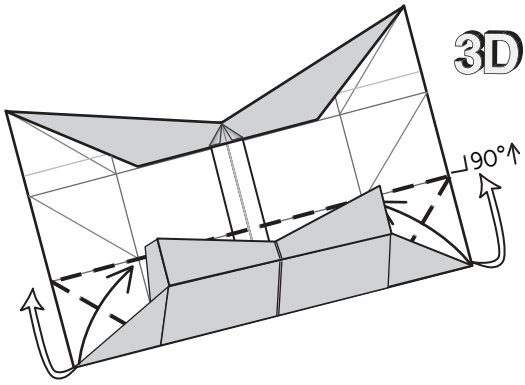
17. Using existing creases, valley fold the bottom corners in, then stand the flap straight up. Model is 3D.



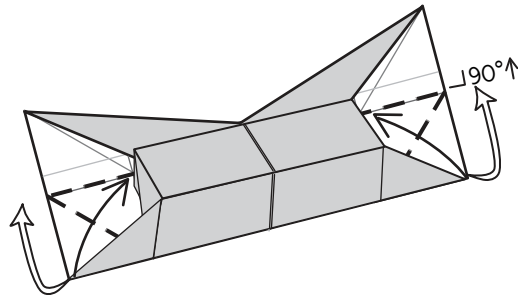
18. Valley fold diagonals in.



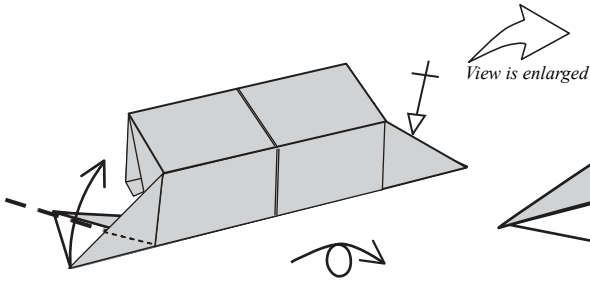
19. Valley fold the flap straight up.



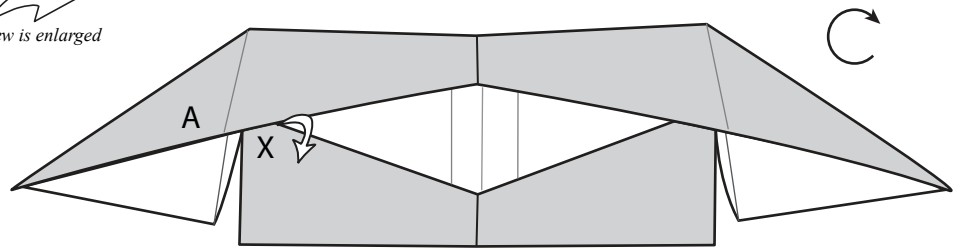
20. Repeat steps 18-19.



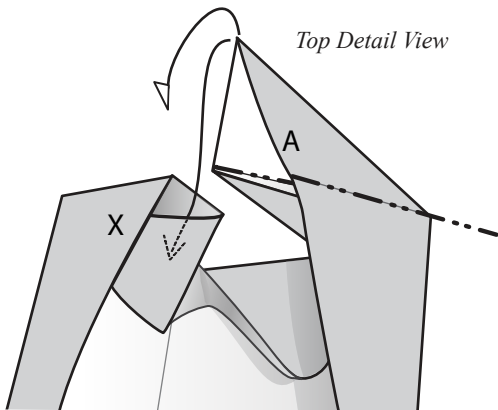
21. Repeat steps 18-19 again.



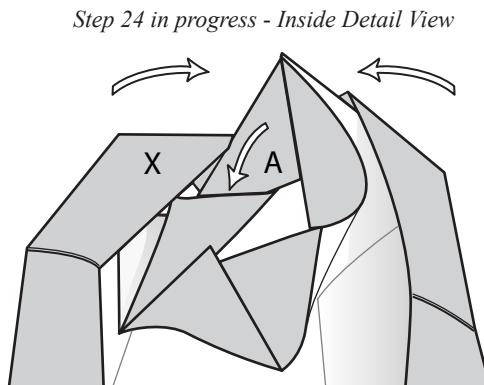
22. Valley fold in on the last diagonal. Repeat on the right. Turn over.



23. Lift flap X out from under flap A. Rotate.

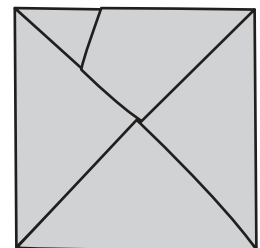


24. Mountain fold flap A behind and slip under X's triangle flap (the diagonal flap that was created in step 17).

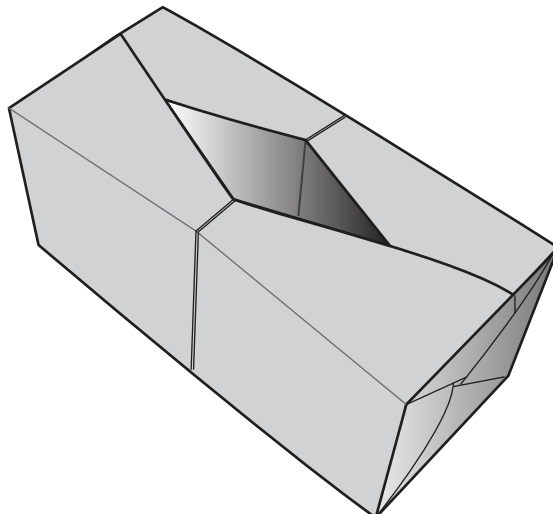


As flap A goes in, the sides come together and the box end will close up.

Completed Outside Side View



25. Repeat on the other end.



Tissue Box

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