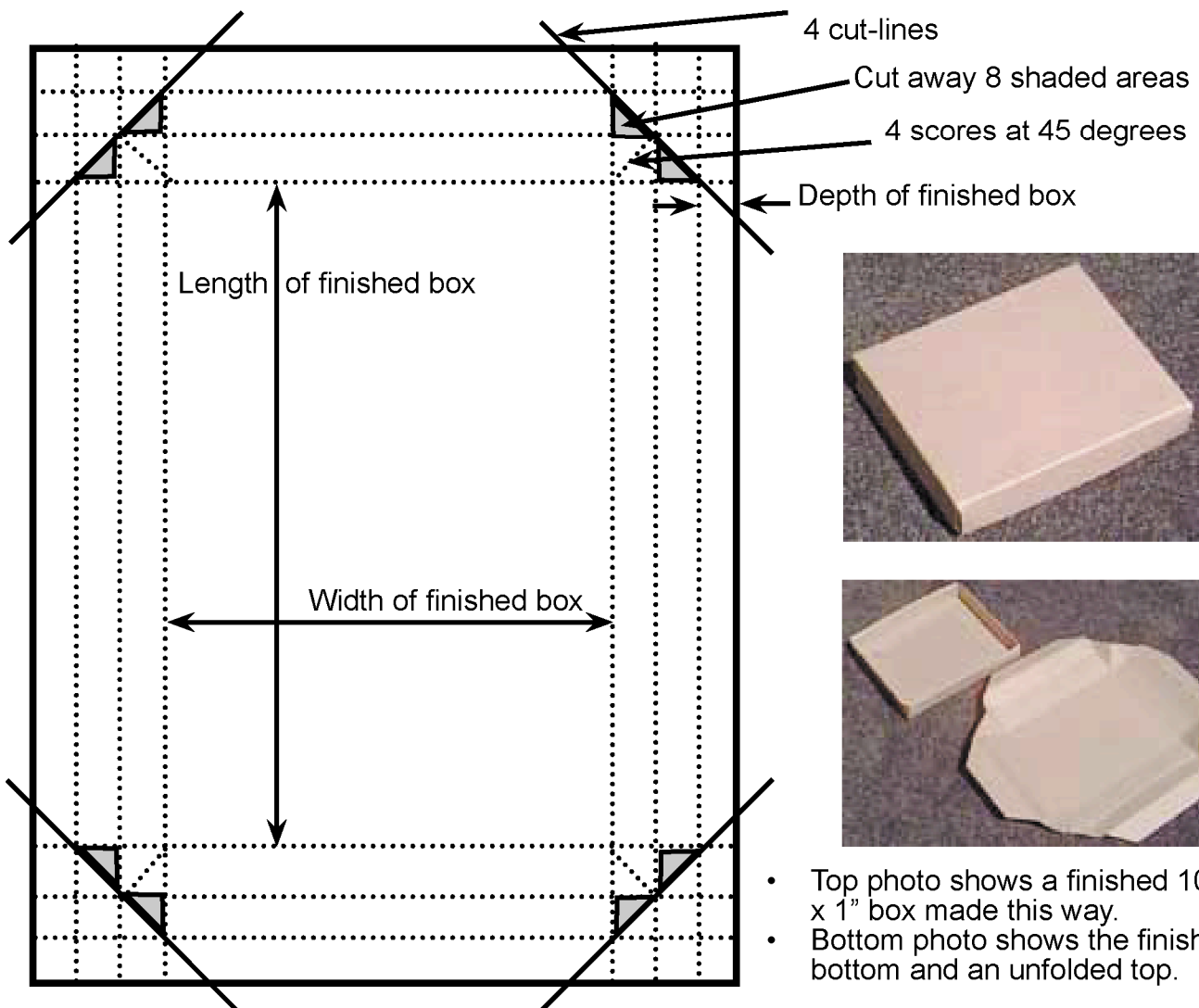


Origami Box -- UNIVERSAL PLAN FOR AN ORIGAMI BOX WITH DOUBLE THICK WALLS / NO RAW EDGES AT TOP OF WALLS / LOCKING PANELS / NEEDS NO GLUE.

This is a very popular box design because it can be assembled by hand or machine with no glue or tape.

1. Use any cardstock from about .008" to .025" thick. Use thinner material with small boxes.
2. The scored lines closest to each edge are spaced at a distance equal to the depth of the desired box.
3. All the lines in the scored 3-line sets at each edge of the layout are equidistant from each other. That distance equals the depth of the box.
4. In other words, if the box is to be 2" deep, scores are made at 2", 4" and 6" from each edge.
5. After scoring, cut the triangles out of each corner. The cut line goes through the intersection of the scored lines as shown.
6. The width of cardstock blank is equal to the width of the box plus six times the depth of the box.
7. The length of cardstock blank is equal to length of box plus six times the depth of the box.
8. Boxes from 2 x 2 x 2" to 10 x 8 x 4" (l x w x d) are usual, although the plan holds for any size.
9. The outermost scores all around and 45 degree scores are on outside surface -- all other scores on the inside surface.
10. The shaded triangular areas shown in lower left corner may be cut away from all corners (before folding) if these areas are too bulky for your choice of size and thickness of material.
11. At each box corner, the scored triangular sections in the corners will be folded **inside the walls** when you fold the wall sections in place. **This is a little tricky -- but if you work at it -- you will succeed.**
12. The same box --- without locking panels can be made by only scoring two scores along each edge. Such boxes need glue to hold them together. In that case, the formula shown above in #4 and 5 has to be changed --- add only four times the depth of the box to length and width.
13. The blank for the box top should be about 1/16 to 1/8" wider and longer than the blank for the bottom depending on the thickness of the material. For thinner material use 1/16", for thicker, use 1/8" --- the top and bottom will then telescope smoothly together.



- Top photo shows a finished 10 x 8 x 1" box made this way.
- Bottom photo shows the finished bottom and an unfolded top.