

# How to Make a Box From a Card (e.g., Christmas Card)

Start with two squares (one for the top + one for the bottom)

The 2<sup>nd</sup> square should be 1 cm shorter in each dimension than the 1<sup>st</sup> square.

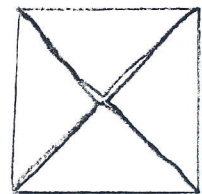
When cutting out the larger square, whatever is in the center of the square will be in the center of the top of the finished box.

The directions for folding the top + bottom are the same:

1. On the side of the square that will not show make the center by drawing diagonals.

2. Fold the corners to the center.

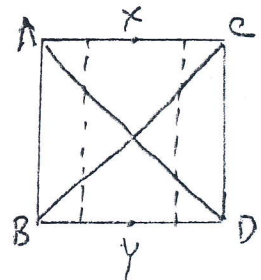
(result) →



3. Fold the sides to the center. That

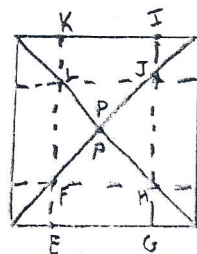
is, fold so that AB comes to XY and

CD comes to XY in the figure →



4. Rotate 90° and repeat. (result) →

(dashed lines are folds)



5. Cut with scissors →  $\overline{EF}$ ,  $\overline{GH}$ ,  $\overline{IJ}$ , &  $\overline{KL}$

6. Bring points P out-up & down in the figure. Bring up the sides, bring the sharp points at F, H, J, & L in to form a square. Bring points P up cover + back to the center. (Use glue stick in the final step if you wish.) You are done.