

Patty Paper Activities

Activity 5. Four axes of symmetry.

Fold a square in four by making a mid parallel and a second perpendicular folds. Now fold the four-sheet square again along the diagonal that goes through the center of the original square (figure 5a). With the square folded, use scissors to cut triangles along the folds or along the borders (figure 5b). Predict what the paper will look like when you open it (figure 5c).

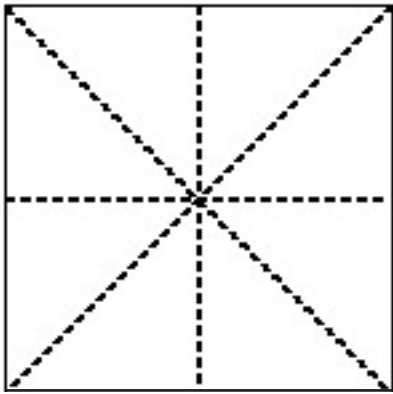


Fig. 5a. Square folded in 8 parts

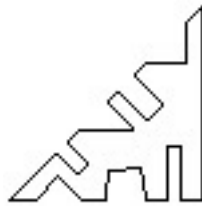


Fig. 5b. Cut along fold

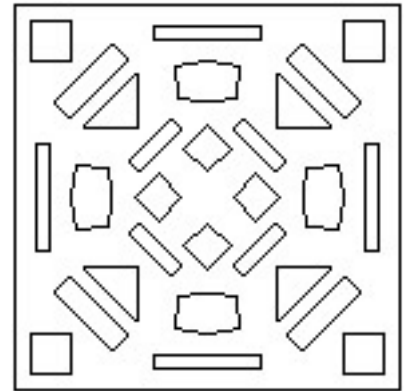


Fig. 5c. Four axes of symmetry