

Patty Paper Activities

Activity 3. One diagonal axis of symmetry.

Fold a new square in half, this time along one diagonal (figure 3a). With the square folded, use scissors to cut little triangles or other shapes along the fold and the borders (figure 3b). Predict what the paper will look like when you open it (figure 3c).

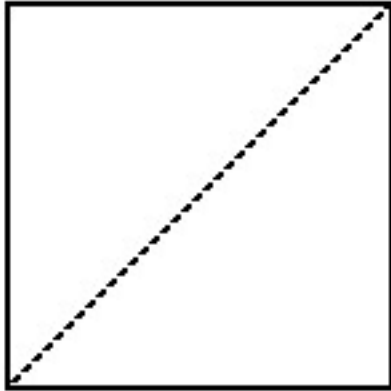


Fig. 3a. Square folded in half diagonally

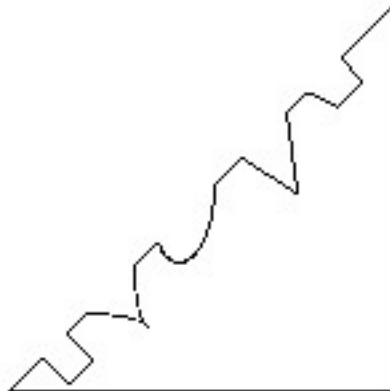


Fig. 3b. Cut along fold

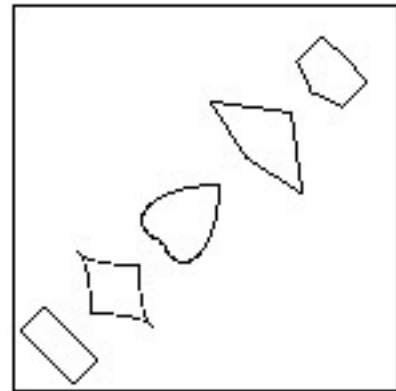


Fig. 3c. One diagonal axis of symmetry

Activity 4. Two diagonal axes of symmetry.

Fold a new square in four along the two diagonals (figure 4a). With the square folded, use scissors to cut triangles or other shapes along the folds or along the borders (figure 4b). Predict what the paper will look like when you open it (figure 4c).

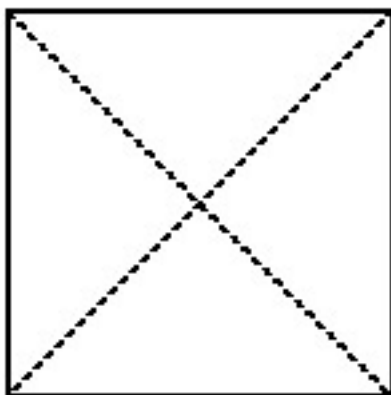


Fig. 4a. Square folded in 4 parts diagonally

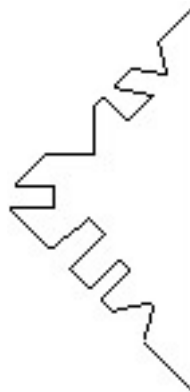


Fig. 4b. Cut along fold

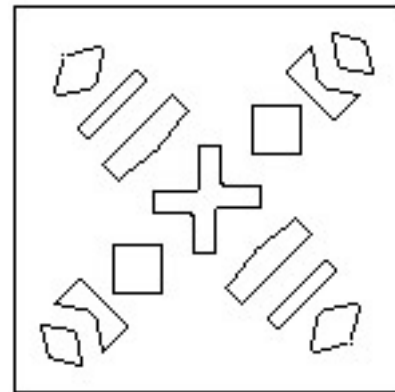


Fig. 4c. Two diagonal axes of symmetry