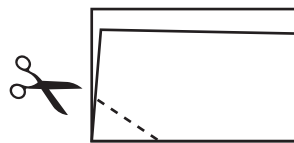# Folding Shapes

Family Note Our class has been studying lines of symmetry—lines that divide figures into mirror images. Help your child look for symmetric shapes in books, newspapers, and magazines, and in objects around the house, such as windows, furniture, dishes, and so on.

Please bring your cutouts to school tomorrow.

(1) Fold a sheet of paper in half. Cut off the folded corner, as shown. Before you unfold the cutoff piece, guess its shape.
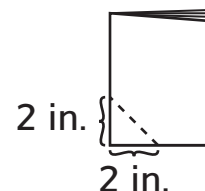
   a. Unfold the cutoff piece. What shape is it?

       _____

   b. How many sides of the cutoff piece are the same length? _____ sides

   c. How many angles are the same size? _____ angles

   d. The fold is a line of symmetry. Does the cutoff piece have any other lines of symmetry? _____

(2) Fold another sheet of paper in half. Fold it in half again. Make a mark on both folded edges 2 inches from the folded corner. Cut off the folded corner. Before you unfold the cutoff piece, guess its shape.

2 in.

2 in.

   a. Unfold the cutoff piece. What shape is it? _____

   b. Are there any other lines of symmetry besides the fold lines? _____

   c. On the back of this paper, draw a picture of the cutoff shape. Draw all of its lines of symmetry.

Practice

(3) $81 \div$ _____ $= 9$ (4) _____ $\div 9 = 6$

(5) $7 = 42 \div$ _____   (6) _____ $\div 9 = 8$

(7) $36 \div$ _____ $= 4$ (8) $8 =$ _____ $\div 6$