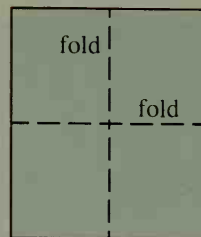14. Where are the centers of the rotational symmetries for the tessellations in the middle of page 610?

15. Fold a piece of paper into quarters as shown. Cut out a scalene triangle that does not touch any of the edges. Unfold the paper. Describe the symmetries of the design.
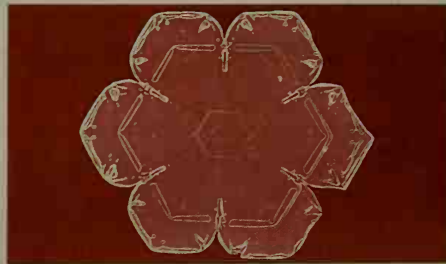

Written Exercises

Consider the object shown in each photograph as a plane figure.
a. State how many symmetry lines each figure has.
b. State whether or not the figure has a symmetry point.
c. List all the rotational symmetries of each figure between 0° and 360°.

A 1.

2.

3.

4.

5. Which capital letters of the alphabet have just one line of symmetry? (One answer is ''D''.)

6. Which capital letters of the alphabet have two lines of symmetry?

7. Which capital letters of the alphabet have a point of symmetry?

Make a tessellation of the given figure.

8.

9.

10.

11.