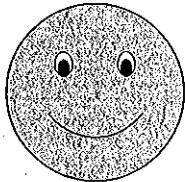


LESSON  
9.6**Practice A** *continued*  
For use with pages 619–624

13. **Error Analysis** Describe and correct the error made in describing the symmetry of the figure.



The figure has one line of symmetry and  $180^\circ$  rotational symmetry.

Determine whether the entire word has line symmetry and whether it has rotational symmetry. Identify all lines of symmetry and angles of rotation that map the entire word onto itself.

14.

HOOK

15.

MOM

16.

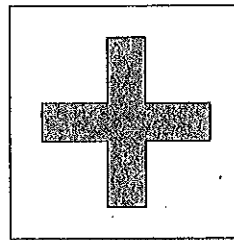
BIB

17.

NOON

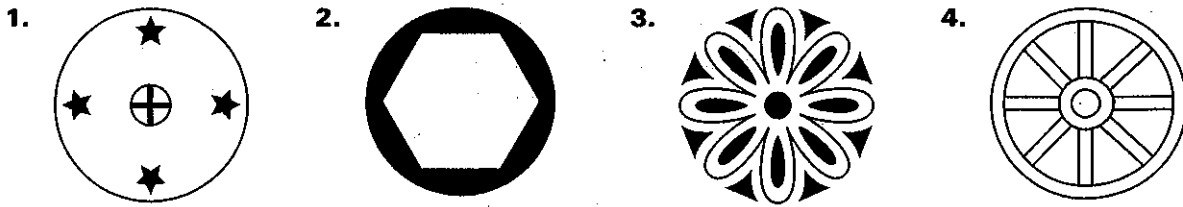
In Exercises 18–20, use the cover of a first aid kit shown.

18. Find the number of lines of symmetry for the first aid kit cover.
19. Find the number of lines of symmetry for the shaded figure.
20. Does the first aid kit cover have rotational symmetry? If so, describe a rotation that maps the pattern onto itself.



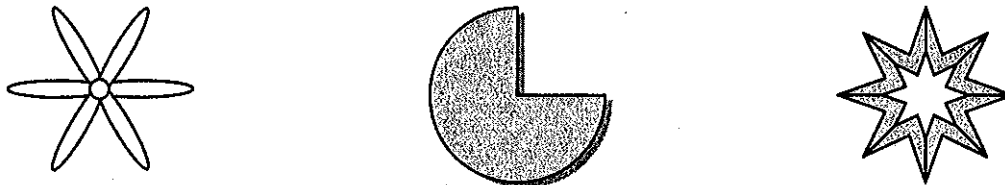
**LESSON 9.6 Practice B**  
For use with pages 619–624

**Determine whether the figure has rotational symmetry. If so, describe the rotations that map the figure onto itself.**

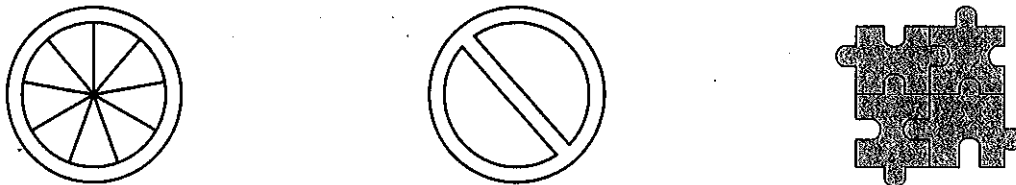


**Does the figure have the rotational symmetry shown? If not, does the figure have any rotational symmetry?**

5.  $120^\circ$                       6.  $180^\circ$                       7.  $45^\circ$



8.  $36^\circ$                       9.  $180^\circ$                       10.  $90^\circ$



**In Exercises 11–16, draw a figure for the description. If not possible, write not possible.**

11. A triangle with exactly two lines of symmetry                      12. A quadrilateral with exactly two lines of symmetry
13. A pentagon with exactly two lines of symmetry                      14. A hexagon with exactly two lines of symmetry

LESSON 9.6