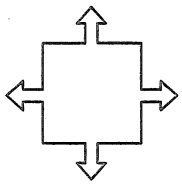
LESSON 7.3

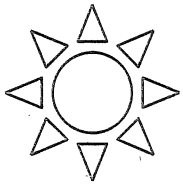
NAME _____ DATE _____

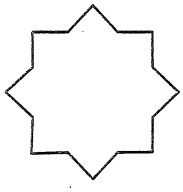
Practice C

For use with pages 412–420

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

1. 

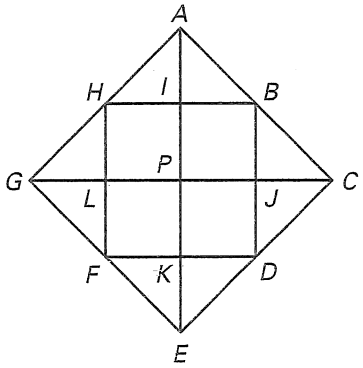
2. 

3. 

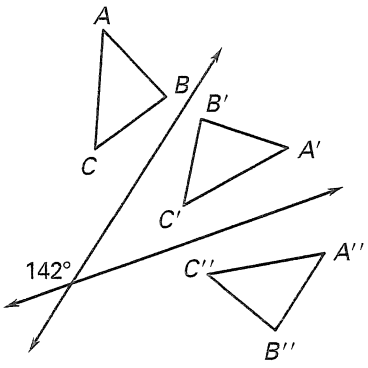
4. 

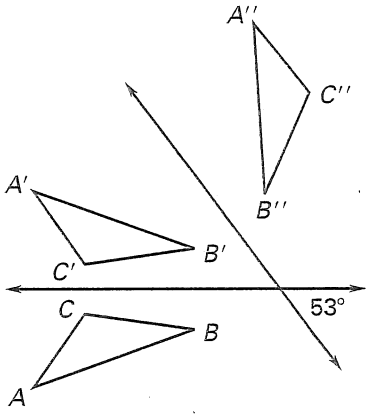
State the segment or triangle that represents the image.

5. 90° clockwise rotation of $\overline{AB}$ about P
6. 90° clockwise rotation of $\overline{DE}$ about P
7. 90° counterclockwise rotation of $\overline{GH}$ about P
8. 180° counterclockwise rotation of $\overline{EF}$ about P
9. 180° clockwise rotation of $\triangle CJD$ about P
10. 90° counterclockwise rotation of $\triangle GLF$ about P



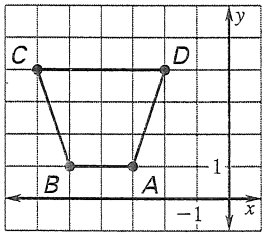
Find the angle of rotation that maps $\triangle ABC$ onto $\triangle A''B''C''$.

11. 

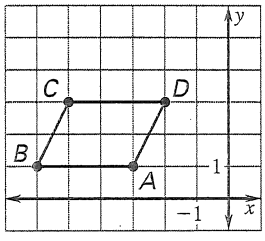
12. 

Name the coordinates of the vertices of the image after a clockwise rotation of the given number of degrees about the origin.

13. 90°



14. 180°



15. 270°