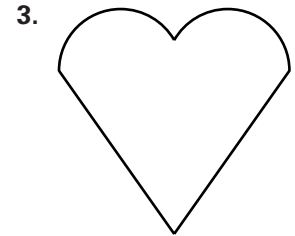
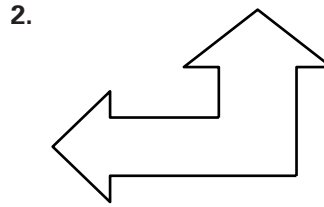
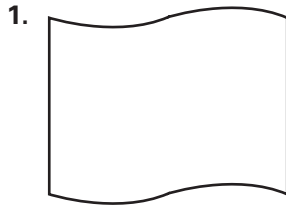


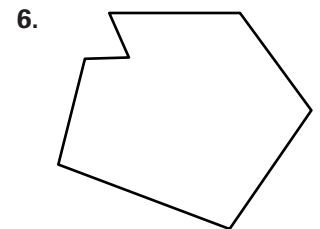
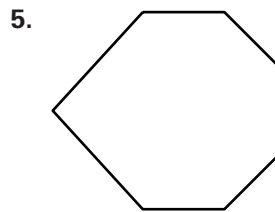
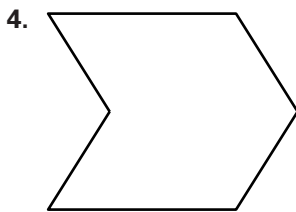
Practice B

For use with pages 322–328

Decide whether the figure is a polygon. If not, explain why.

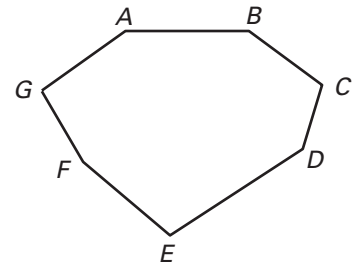


Use the number of sides to tell what kind of polygon the shape is. Then state whether the polygon is *convex* or *concave*.



Use the diagram at the right to answer the following.

7. Name the polygon by the number of sides it has.
8. Polygon $ABCDEFG$ is one name for the polygon. State two other names.
9. Name all of the diagonals that have vertex E as an endpoint.
10. Name the nonconsecutive angles to $\angle A$.



Draw a figure that fits the description.

11. A convex octagon
12. A concave decagon
13. An equilateral quadrilateral that is not equiangular
14. An equiangular quadrilateral that is not equilateral
15. An equiangular hexagon that is not regular

Use the information in the diagram to solve for x .

