

**LESSON**  
**6.1**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

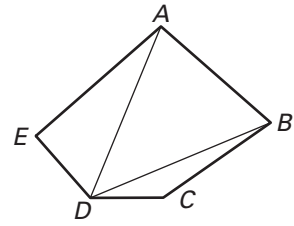
**Practice B**

For use with pages 303–308

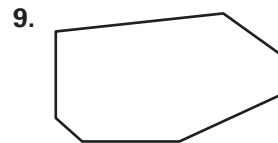
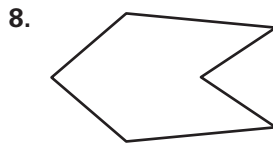
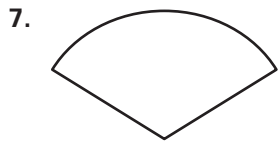
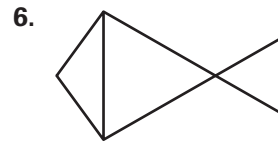
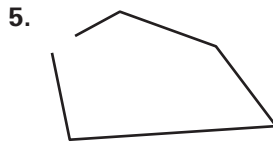
Lesson 6.1

Polygon  $ABCDE$  is shown at the right.

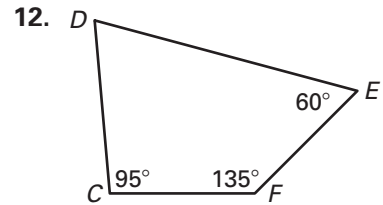
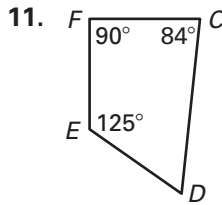
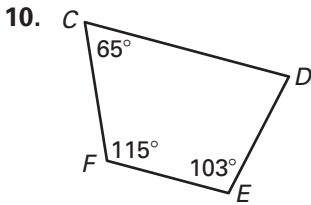
1. Name the vertices of polygon  $ABCDE$ .
2. Name the sides of polygon  $ABCDE$ .
3. Name the diagonals from vertex  $D$  of polygon  $ABCDE$ .



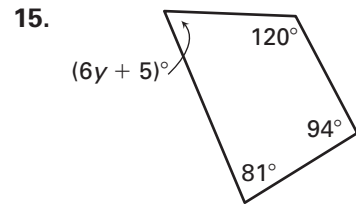
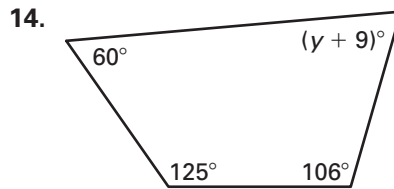
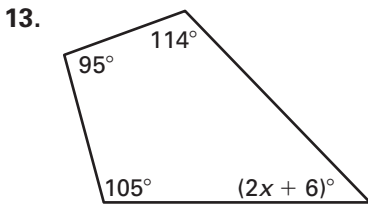
Decide whether the figure is a polygon. If so, tell what type. If not, explain why.



Find the measure of  $\angle D$ .



Find the value of the variable.



In Exercises 16–18, use the stop sign pictured at the right.

16. Is the sign a polygon? If so, tell what type. If not, explain why.
17. Polygon  $ABCDEFGH$  is one name for the polygon. State two other names using the vertices.
18. Name all of the diagonals of the polygon that have vertex  $G$  as an endpoint.

