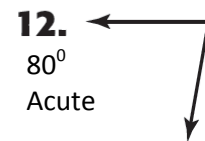
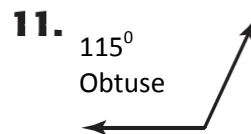
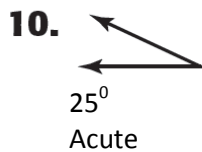
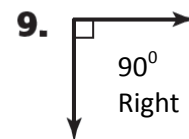
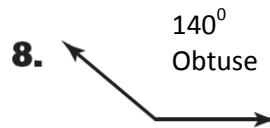
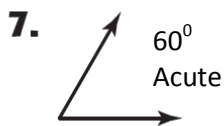
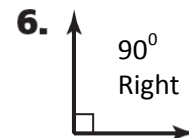
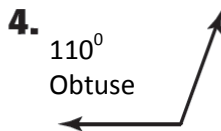
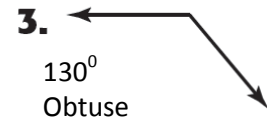
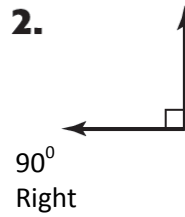
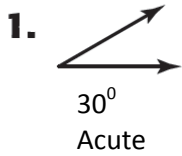


## Lesson 1.2 Skills Practice

### Angles

Use a protractor to find the measure of each angle. Then classify each angle as *acute*, *obtuse*, *right*, or *straight*.



**13.** Draw a  $50^\circ$  angle. Include a curved angle mark to show which angle is  $50^\circ$ .

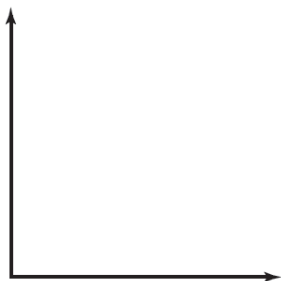
**14.** Draw a  $110^\circ$  angle. Include a curved angle mark to show which angle is  $110^\circ$ .

**SKILL**  
**1**

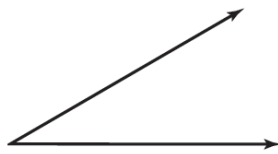
Name \_\_\_\_\_ Date \_\_\_\_\_

# Classifying Angles

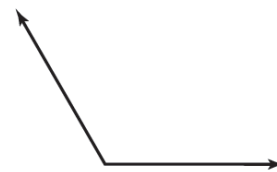
**A**n **angle** is formed by two rays with a common endpoint called the vertex. Angles are measured in degrees. Angles are classified according to their measure.



**Right angles**  
measure  $90^\circ$ .



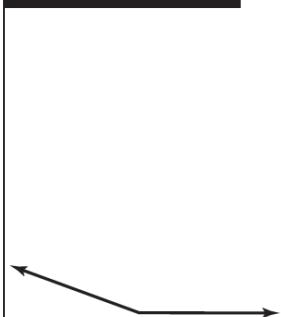
**Acute angles**  
measure between  
 $0^\circ$  and  $90^\circ$ .



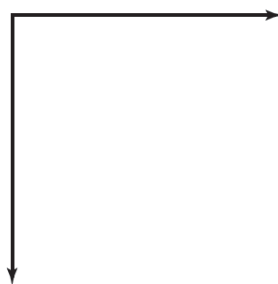
**Obtuse angles**  
measure between  
 $90^\circ$  and  $180^\circ$ .

**EXAMPLE**

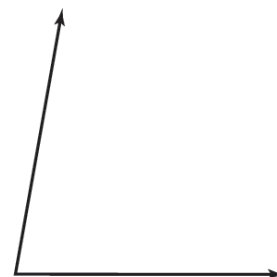
*Classify each angle.*



This angle is an obtuse angle.



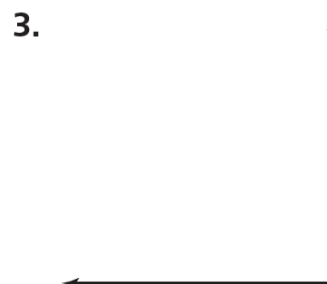
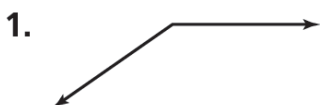
This angle is a right angle.

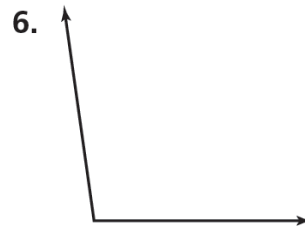
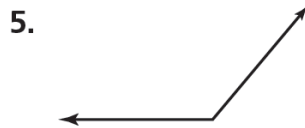
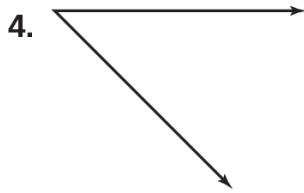


This angle is an acute angle.

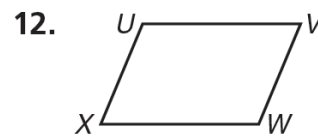
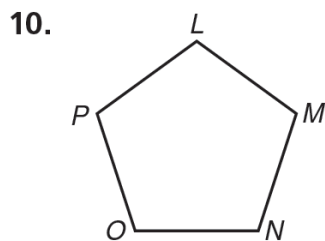
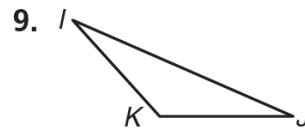
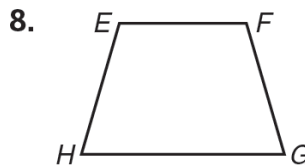
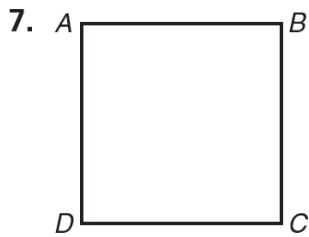
**EXERCISES**

*Classify each angle as right, acute, or obtuse.*



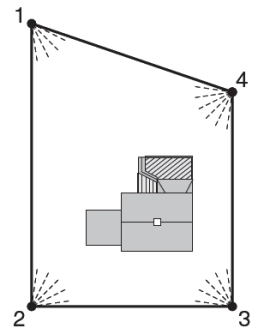


*Classify the angles found in each polygon.*



## APPLICATIONS

13. A diagram of Tara's lawn is shown at the right. Tara plans to place a sprinkler at each corner of the lawn. What type of angle should she set the spray for each sprinkler?



14. A diagram of a baseball field is shown at the right. What type of angle is formed from a ball thrown from first base to second base to third base?
15. What type of angle is formed by a ball thrown from the pitcher to the catcher to the first baseman?

