REVIEW: Angles

Name _____

Key Concept and Vocabulary

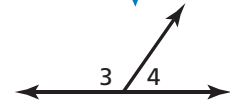Acute

Right (90°)

Obtuse

Straight (180°)
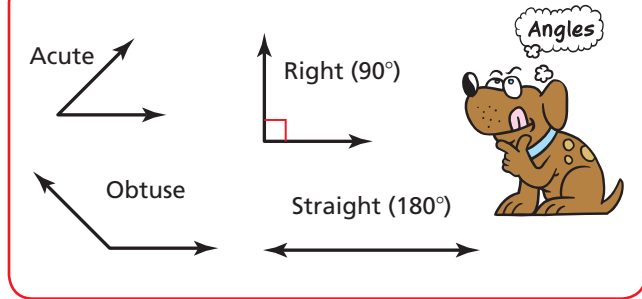
Angles

Visual Model

complementary

2
1

supplementary

3 4

Skill Examples

1.

49°
41°
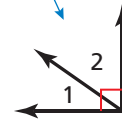
$41° + 49° = 90°$
complementary

2.
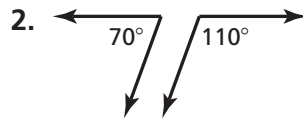
70° 110°

$70° + 110° = 180°$
supplementary

Application Example

3. Find the measures of angles 1, 2, and 3.
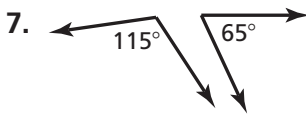
$\angle 1 = 130°$
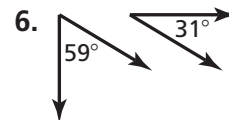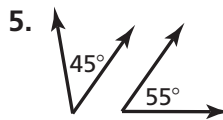$\angle 2 = 50°$
$\angle 3 = 130°$
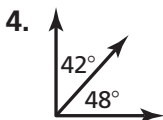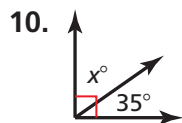
95
80 50°
1
3
2 80
95
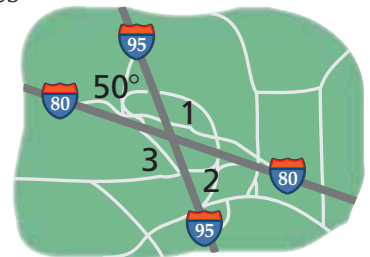
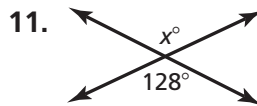# PRACTICE MAKES *PURR*-FECT™

Check your answers at BigIdeasMath.com.

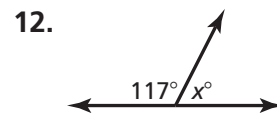**Decide whether the angles are *complementary*, *supplementary*, or *neither*.**

4.

42°
48°

_____

5.

45°
55°

_____

6.

59° 31°

_____

7.

115° 65°

_____

8.

156°
24°

_____

9.

122° 68°

_____
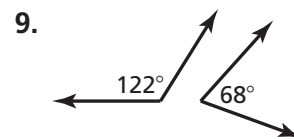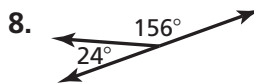
Find the value of *x*. State whether the angle of *x* is *acute*, *right*, *obtuse*, or *straight*.

10.

$x°$
35°

$x =$ _____

11.

$x°$
128°

$x =$ _____

12.

117° $x°$

$x =$ _____

13. **TRIBUTARY** A tributary joins a river at an angle of $x°$. Find the value of x. _____

$x°$ 127°