Name: Period: Date:

**Pre-Assessment Quiz**

Find the missing value in each figure.

 **1.** **2.**

 6cm *c* *c* 5 cm

 3 cm 12 cm



Determine whether each of the following could represent the measures of three sides of a triangle. Write *yes* or *no.*

5. 4, 8, 12

6. 12, 15, 18

7. The sides of a triangle have lengths x, x+17, and 25. If the length of the longest side is 25, what value of x makes the triangle a right triangle?

Answer Key:

1. √45 or 3√5

2. 13

3. 29°

4. 44°

5. No

6. Yes

7. 7