Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 11-4

# Pythagorean’s Theorem

1. What is Pythagorean’s theorem?
2. What is the converse of Pythagorean’s theorem?
3. T/F Pythagorean’s theorem works for all triangles.

**Find each missing length.**

1. 5.

c

7

5

2x +1

x

2x - 1

6. a = 10, b = 24 7. B = 3. C = 7

**Determine whether the given lengths are sides of a right triangle.**

8. 12, 9, 15 9. 10, 8, 13