Name: Date: Score: / 10

The Pythagorean Theorem

$a^2 + b^2 = c^2$. Worksheet 1 of 50

Find the missing side of each right triangle. Round to the nearest tenth if needed.

1. Legs 20 and 21. Hypotenuse c = _____

2. Legs 6 and 2. Hypotenuse c = _____

3. Legs 11 and 10. Hypotenuse c = _____

4. Legs 3 and 4. Hypotenuse c = _____

5. Legs 7 and 24. Hypotenuse c = _____

6. Leg 7, hypotenuse 25. Other leg = _____

7. Legs 9 and 40. Hypotenuse c = _____

8. Legs 8 and 15. Hypotenuse c = _____

9. Legs 9 and 9. Hypotenuse c = _____

10. Leg 3, hypotenuse 5. Other leg = _____

ANSWER KEY

The Pythagorean Theorem (answers)

$a^2 + b^2 = c^2$. Worksheet 1 of 50

Find the missing side of each right triangle. Round to the nearest tenth if needed.

1. Legs 20 and 21. Hypotenuse c = **29**
2. Legs 6 and 2. Hypotenuse c = **6.3**
3. Legs 11 and 10. Hypotenuse c = **14.9**
4. Legs 3 and 4. Hypotenuse c = **5**
5. Legs 7 and 24. Hypotenuse c = **25**
6. Leg 7, hypotenuse 25. Other leg = **24**
7. Legs 9 and 40. Hypotenuse c = **41**
8. Legs 8 and 15. Hypotenuse c = **17**
9. Legs 9 and 9. Hypotenuse c = **12.7**
10. Leg 3, hypotenuse 5. Other leg = **4**