

Pythagorean theorem

Geometry - grade 8-9

Name: _____ Date: _____ Score: _____

1. Right triangle, legs 9 and 12. Hypotenuse?

Answer: _____

2. Right triangle, legs 7 and 24. Hypotenuse?

Answer: _____

3. Right triangle, hypotenuse 20, one leg 12. Other leg?

Answer: _____

4. Right triangle, hypotenuse 15, one leg 9. Other leg?

Answer: _____

5. Right triangle, hypotenuse 10, one leg 6. Other leg?

Answer: _____

6. Right triangle, legs 6 and 8. Hypotenuse?

Answer: _____

7. Right triangle, legs 3 and 4. Hypotenuse?

Answer: _____

8. Right triangle, legs 5 and 12. Hypotenuse?

Answer: _____

9. Right triangle, legs 8 and 15. Hypotenuse?

Answer: _____

Pythagorean theorem - Answer key

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1. Right triangle, legs 9 and 12. Hypotenuse?

15

2. Right triangle, legs 7 and 24. Hypotenuse?

25

3. Right triangle, hypotenuse 20, one leg 12. Other leg?

16

4. Right triangle, hypotenuse 15, one leg 9. Other leg?

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5. Right triangle, hypotenuse 10, one leg 6. Other leg?

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6. Right triangle, legs 6 and 8. Hypotenuse?

10

7. Right triangle, legs 3 and 4. Hypotenuse?

5

8. Right triangle, legs 5 and 12. Hypotenuse?

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9. Right triangle, legs 8 and 15. Hypotenuse?

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