

Name: _____

Date: _____

Is it a right triangle?

Use $a^2 + b^2 = c^2$. Write yes or no.

1. Is a triangle with sides 10, 24 and 26 a right triangle? (yes or no)

Answer: _____

2. Is a triangle with sides 12, 35 and 38 a right triangle? (yes or no)

Answer: _____

3. Is a triangle with sides 6, 8 and 10 a right triangle? (yes or no)

Answer: _____

4. Is a triangle with sides 10, 24 and 25 a right triangle? (yes or no)

Answer: _____

5. Is a triangle with sides 9, 40 and 42 a right triangle? (yes or no)

Answer: _____

6. Is a triangle with sides 20, 21 and 30 a right triangle? (yes or no)

Answer: _____

7. Is a triangle with sides 6, 8 and 9 a right triangle? (yes or no)

Answer: _____

8. Is a triangle with sides 30, 40 and 49 a right triangle? (yes or no)

Answer: _____

9. Is a triangle with sides 5, 12 and 13 a right triangle? (yes or no)

Answer: _____

10. Is a triangle with sides 6, 8 and 11 a right triangle? (yes or no)

Answer: _____

Pythagorean Theorem: Answer Key

1. yes

2. no

3. yes

4. no

5. no

6. no

7. no

8. no

9. yes

10. no