



Name _____ Class _____ Date _____

1 Seven **squared** is equal to ____.

- A 9
- B 14
- C 47
- D 49

$$7^2$$

2 Eight to the **third power** is equal to ____.

- A 24
- B 512
- C 1,024
- D 6,561

$$8^3$$

3 What is the **square root** of 169?

- A 11
- B 12
- C 13

$$\sqrt{169}$$

4 What is $\sqrt{25,600}$?

- A 140
- B 160
- C 170

$$\sqrt{25.600}$$

5



PREVIEW

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7

- C 13 cm
- D 17 cm



True or false?

- A true
- B false

9

The legs of a triangle measure **6 in.** and **7 in.** The hypotenuse measures **8 in.** The triangle is a **right triangle**.
 $a^2 + b^2 = c^2$

True or false?

- A true
- B false

10

In a right triangle, one leg measures **3 inches** and the other leg measures **4 inches**. What is the length of the **hypotenuse**?
 $a^2 + b^2 = c^2$

- A 3 in.
- B 4 in.
- C 5 in.
- D 14 in.



The Pythagorean Theorem

Math

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(D)

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(C)

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(C)