

Measurement and Geometry 3.3

Introduction to Pythagorean Theorem

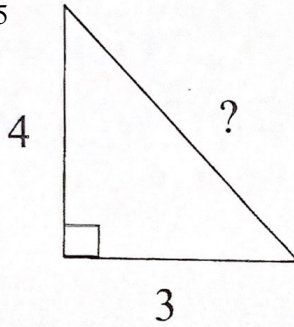
Name Maddie

Date _____

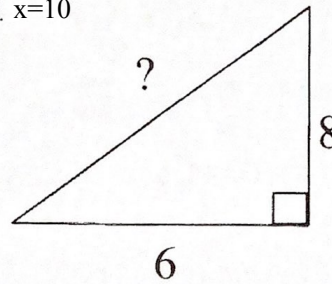
Period _____

Find the missing side lengths.

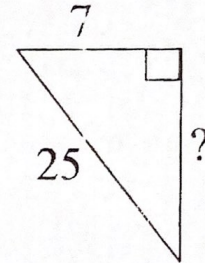
1. $x=5$



2. $x=10$

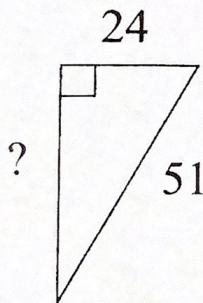


3. $x=24$



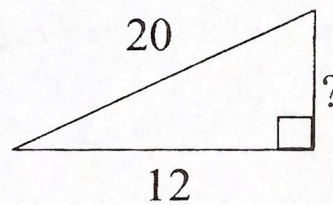
side = _____

4.



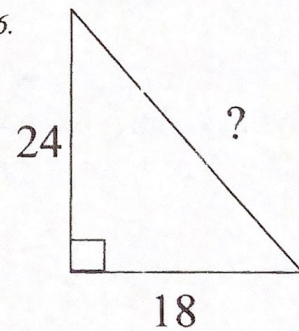
side = _____

5.



side = _____

6.



side = _____

side = _____

side = _____

Draw a picture and find the missing side.

7. A right triangle has a short side of 15 and a hypotenuse of 17.
What is the missing side?

side = _____

8. A right triangle has a short side of 15 and a hypotenuse of 39.
What is the missing side?

side = _____

9. A right triangle has a short side of 9 and a short side of 12.
What is the missing side?

side = _____

10. A right triangle has a short side of 21 and a hypotenuse of 75.
What is the missing side?

side = _____

11. A right triangle has a short side of 30 and a hypotenuse of 34.
What is the missing side?

side = _____