Measurement and Geometry 3.3

Introduction to Pythagorean Theorem

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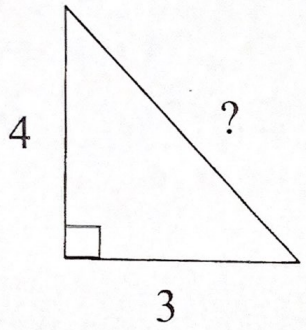
Period 1

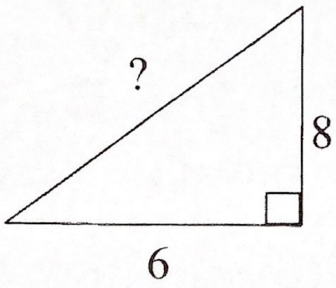
Find the missing side lengths.

1.



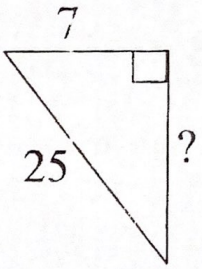
side = =5

2.



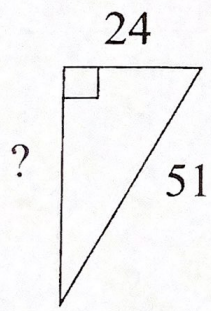
side = =10

3.



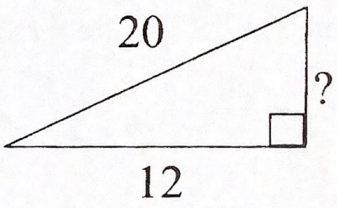
side = =24

4.



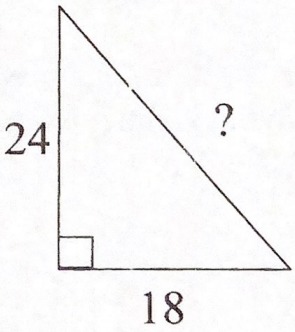
side = =45

5.



side = =6

6.



side = =16

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 = _____