

Name: _____

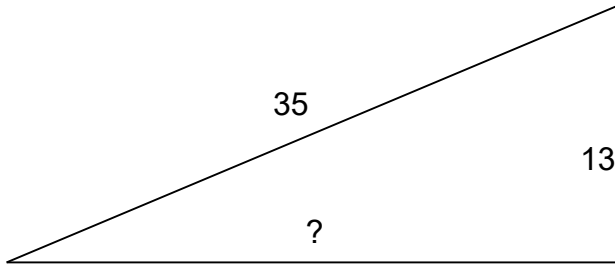


Pythagorean Theorem

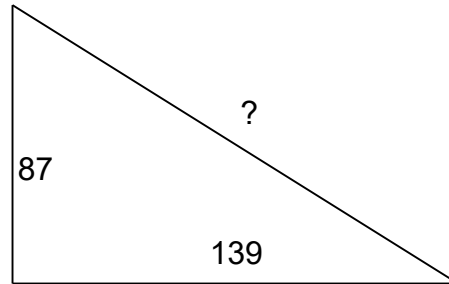
For right angled triangles: the square of the hypotenuse (longest side) will be equal to the sum of the squares of the other two sides.

Find the length of the unknown side.

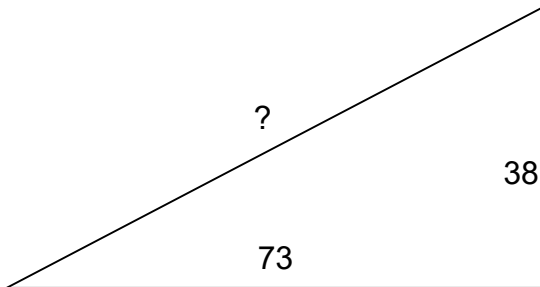
1.



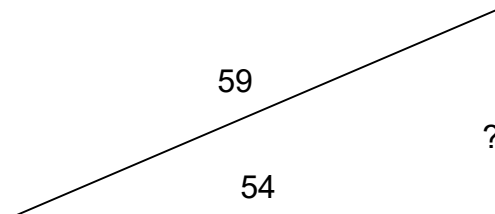
2.



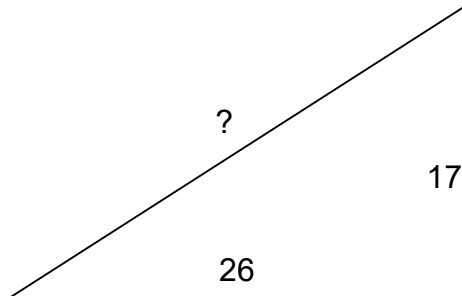
3.



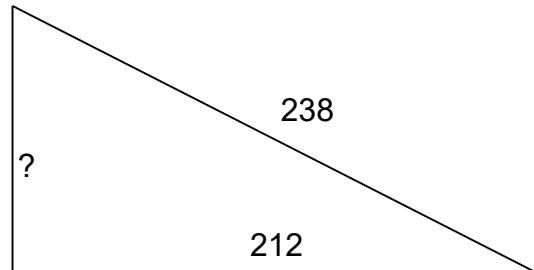
4.



5.



6.



Name:

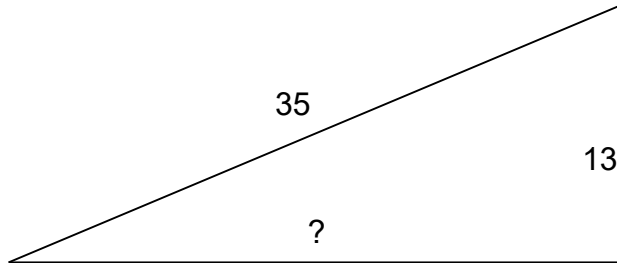


Pythagorean Theorem

For right angled triangles: the square of the hypotenuse (longest side) will be equal to the sum of the squares of the other two sides.

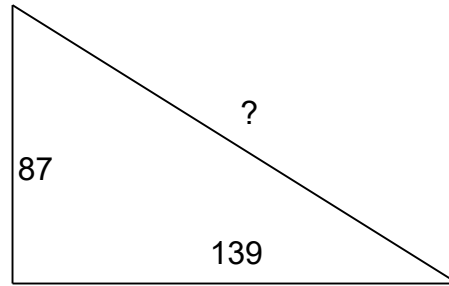
Find the length of the unknown side.

1.



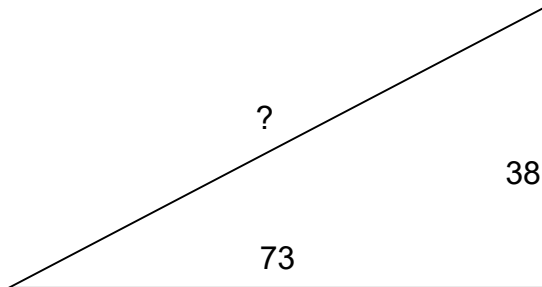
$$S = 32.496$$

2.



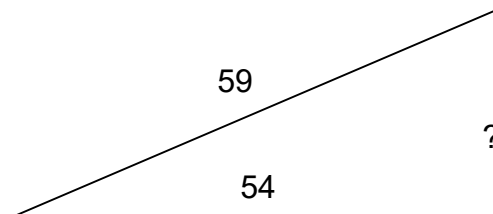
$$S = 163.982$$

3.



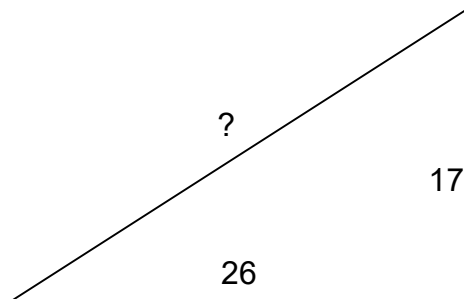
$$S = 82.298$$

4.



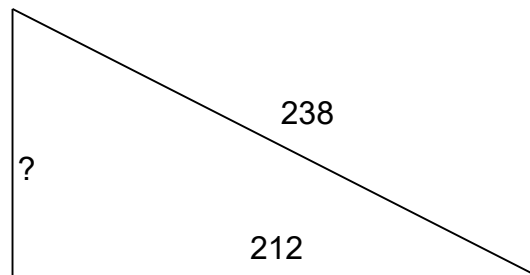
$$S = 23.770$$

5.



$$S = 31.064$$

6.



$$S = 108.167$$