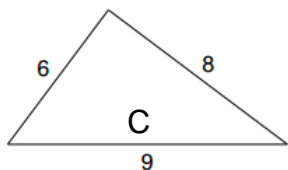


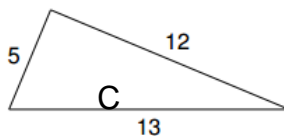
The Pythagorean Theorem

Do the following lengths form a right triangle?

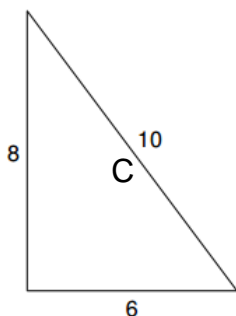
1)



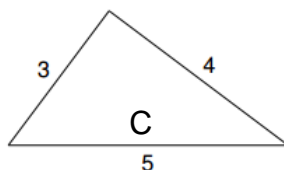
2)



3)

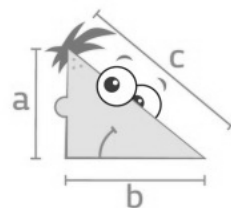


4)

5) $a = 6.4$, $b = 12$, $c = 12.2$

The Pythagorean Theorem states

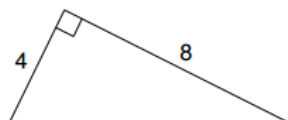
In a right triangle, the square of the measure of the hypotenuse is equal to the sum of the squares of the lengths of the legs.



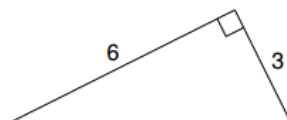
$$a^2 + b^2 = c^2$$

Find each missing length to the nearest tenth.

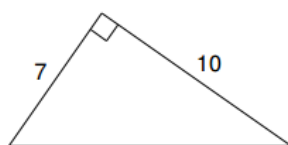
7)



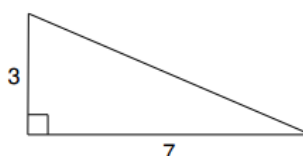
8)



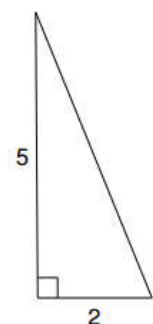
9)



10)



13)



14)

