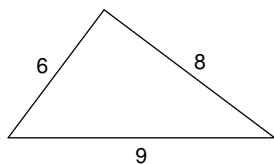


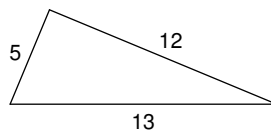
## The Pythagorean Theorem

Do the following lengths form a right triangle?

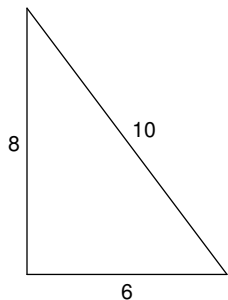
1)



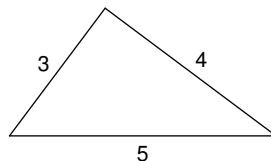
2)



3)

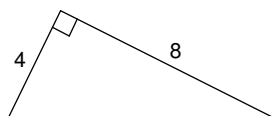


4)

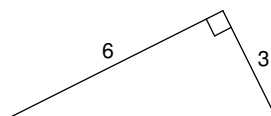
5)  $a = 6.4$ ,  $b = 12$ ,  $c = 12.2$ 6)  $a = 2.1$ ,  $b = 7.2$ ,  $c = 7.5$ 

Find each missing length to the nearest tenth.

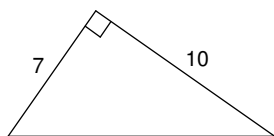
7)



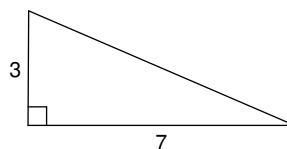
8)



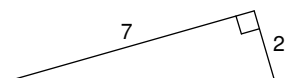
9)



10)



11)



12)

