

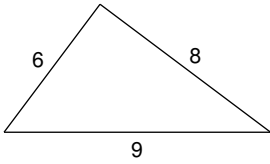
Name _____

Date _____ Period _____

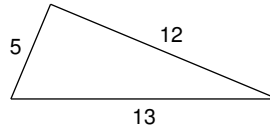
The Pythagorean Theorem

Do the following lengths form a right triangle?

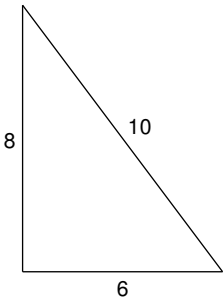
1)



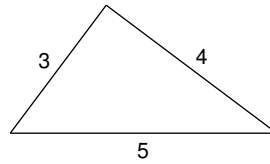
2)



3)



4)

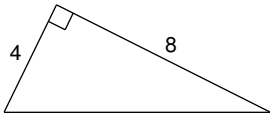


5) $a = 6.4$, $b = 12$, $c = 12.2$

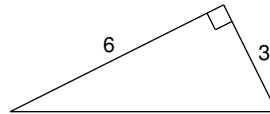
6) $a = 2.1$, $b = 7.2$, $c = 7.5$

Find each missing length to the nearest tenth.

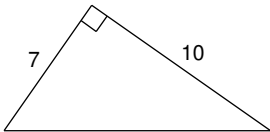
7)



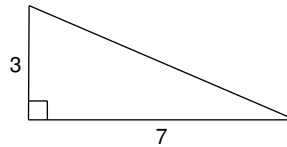
8)



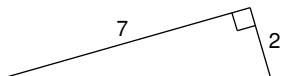
9)



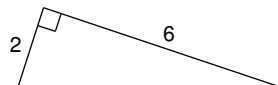
10)



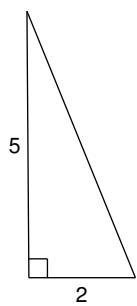
11)



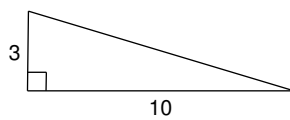
12)



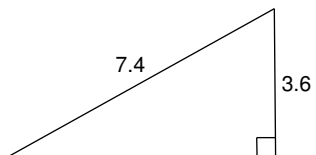
13)



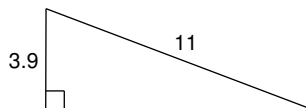
14)



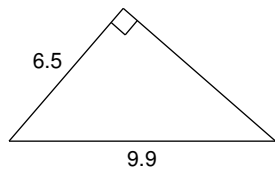
15)



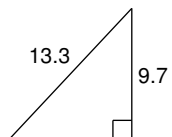
16)



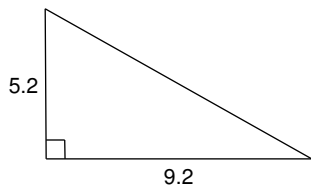
17)



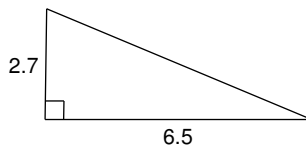
18)



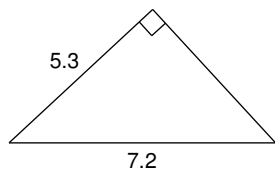
19)



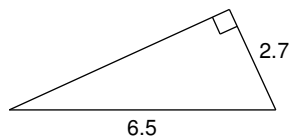
20)



21)



22)



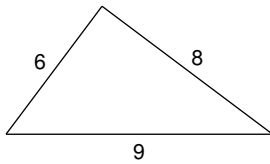
Name _____

Date _____ Period _____

The Pythagorean Theorem

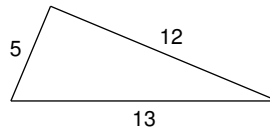
Do the following lengths form a right triangle?

1)



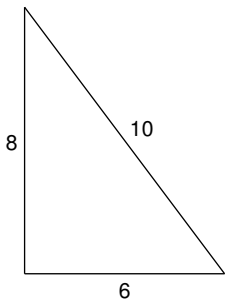
No

2)



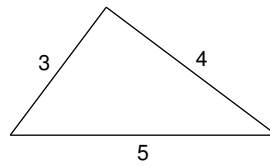
Yes

3)



Yes

4)



Yes

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

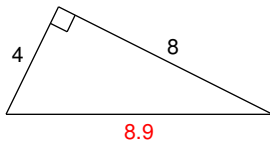
No

6) $a = 2.1$, $b = 7.2$, $c = 7.5$

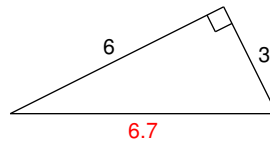
Yes

Find each missing length to the nearest tenth.

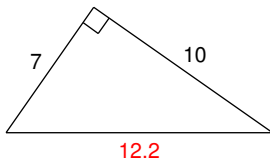
7)



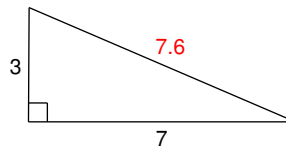
8)



9)



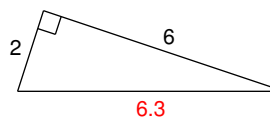
10)



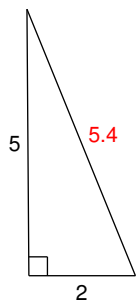
11)



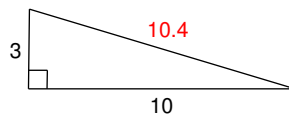
12)



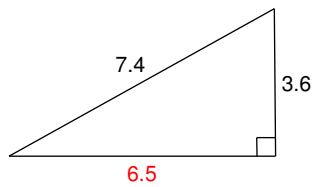
13)



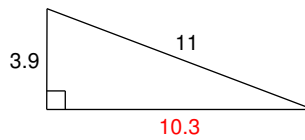
14)



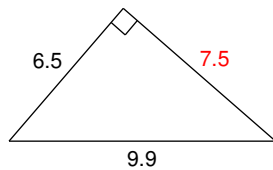
15)



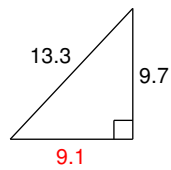
16)



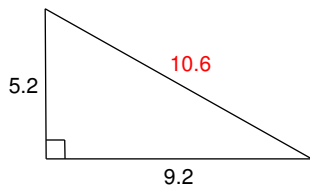
17)



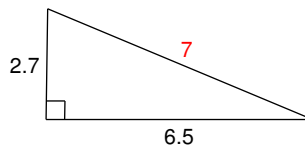
18)



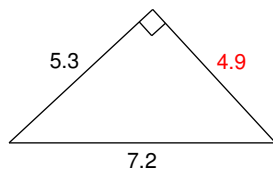
19)



20)



21)



22)

