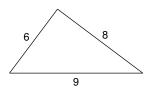
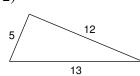
## The Pythagorean Theorem

#### Do the following lengths form a right triangle?

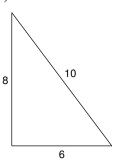
1)



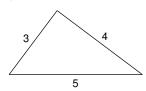
2)



3)



4)

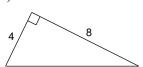


5) 
$$a = 6.4$$
,  $b = 12$ ,  $c = 12.2$ 

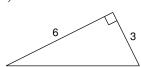
6) 
$$a = 2.1$$
,  $b = 7.2$ ,  $c = 7.5$ 

Find each missing length to the nearest tenth.

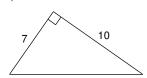
7)



8)



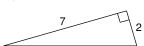
9)

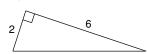


10)

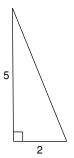


11)

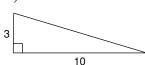


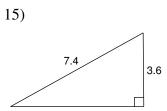




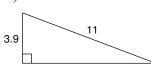


## 14)

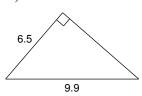




16)



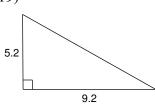
17)



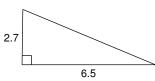
18)



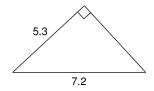
19)

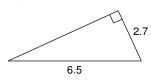


20)



# 21)

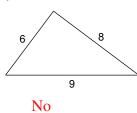




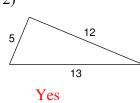
#### The Pythagorean Theorem

## Do the following lengths form a right triangle?

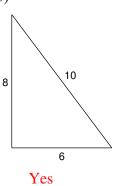
1)



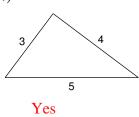
2)



3)



4)



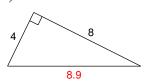
5) 
$$a = 6.4$$
,  $b = 12$ ,  $c = 12.2$ 

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

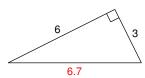
Yes

#### Find each missing length to the nearest tenth.

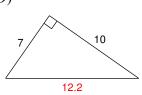
7)



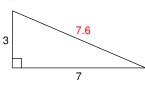
8)



9)

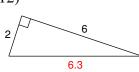


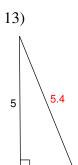
10)



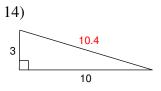
11)



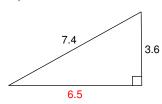


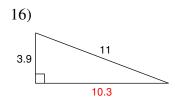


2

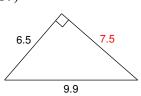








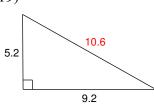
#### 17)



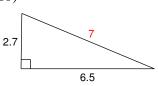




19)



20)



21)

