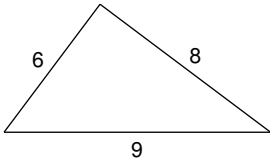


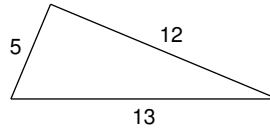
## The Pythagorean Theorem

Do the following lengths form a right triangle?

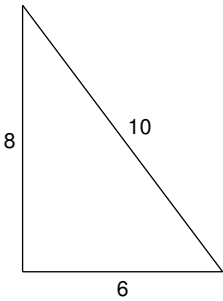
1)



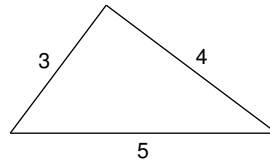
2)



3)

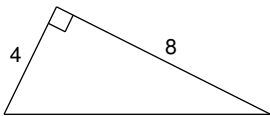


4)

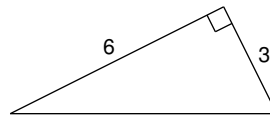
5)  $a = 6.4$ ,  $b = 12$ ,  $c = 12.2$ 6)  $a = 2.1$ ,  $b = 7.2$ ,  $c = 7.5$ 

Find each missing length to the nearest tenth.

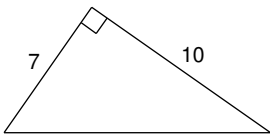
7)



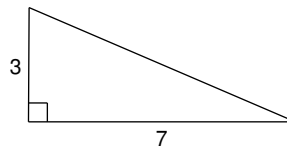
8)



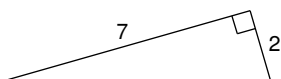
9)



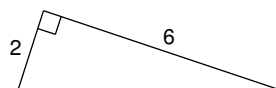
10)



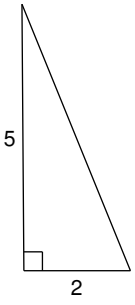
11)



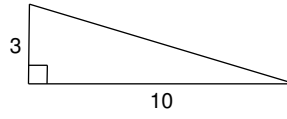
12)



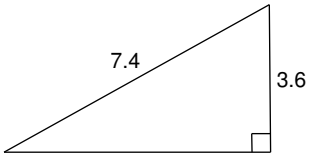
13)



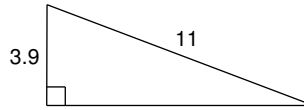
14)



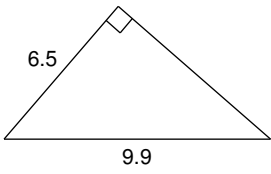
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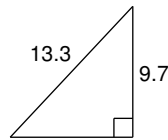
16)



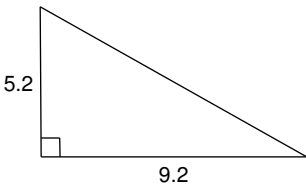
17)



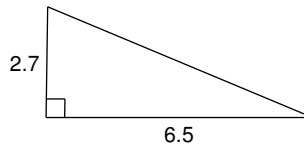
18)



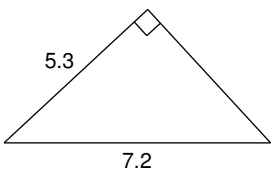
19)



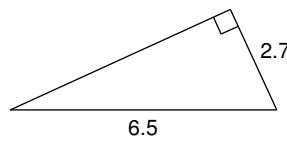
20)



21)



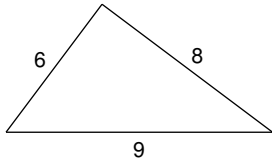
22)



## The Pythagorean Theorem

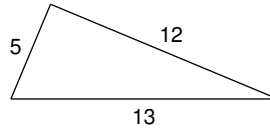
Do the following lengths form a right triangle?

1)



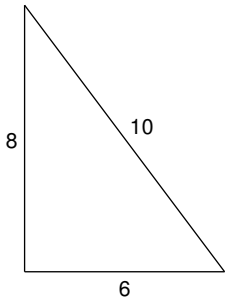
No

2)



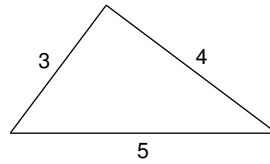
Yes

3)



Yes

4)



Yes

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

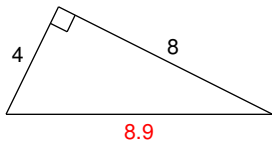
No

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

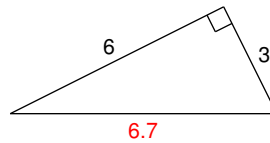
Yes

Find each missing length to the nearest tenth.

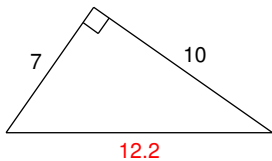
7)



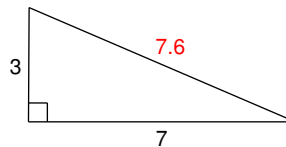
8)



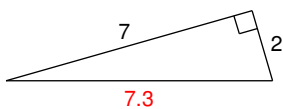
9)



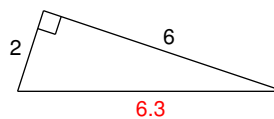
10)



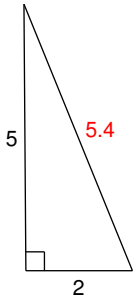
11)



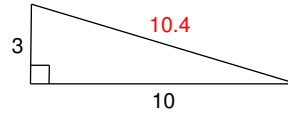
12)



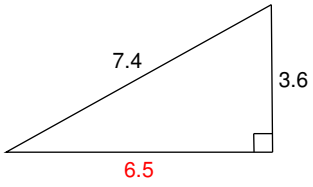
13)



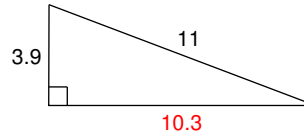
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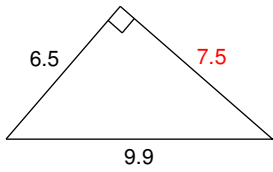
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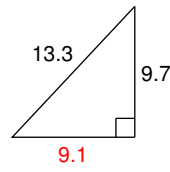
16)



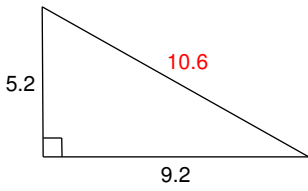
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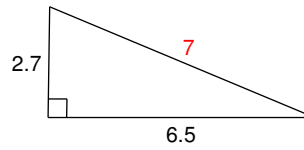
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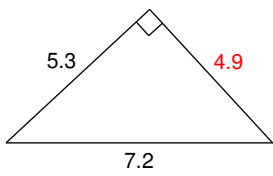
19)



20)



21)



22)

