

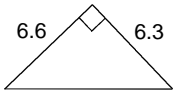
## Pythagorean Theorem

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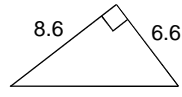
Date \_\_\_\_\_

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

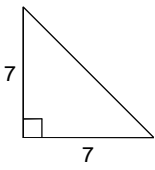
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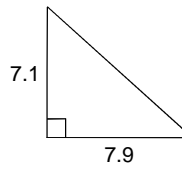
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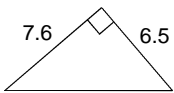
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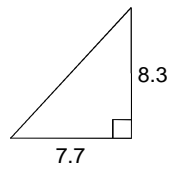
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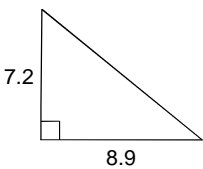
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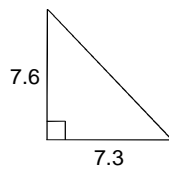
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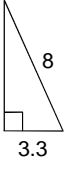
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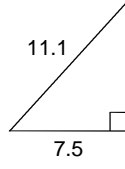
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9)



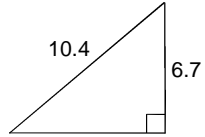
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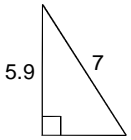
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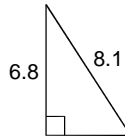
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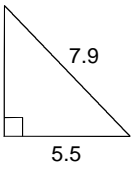
13)



14)



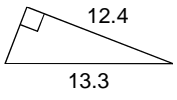
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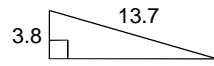
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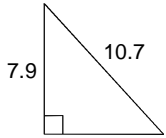
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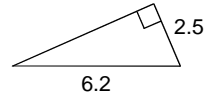
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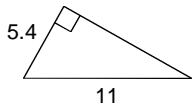
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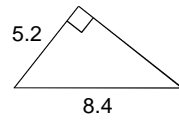
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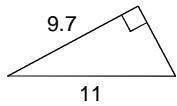
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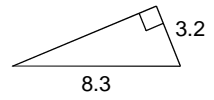
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23)

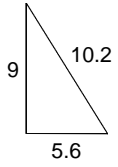


24)

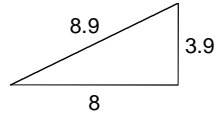


Do the following lengths form a right triangle?

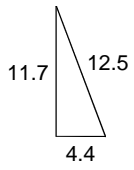
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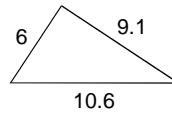
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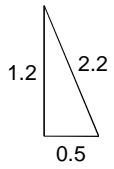
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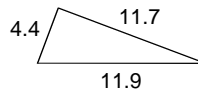
28)



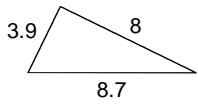
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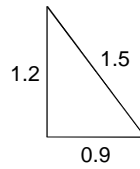
30)



31)



32)



## Answers to Pythagorean Theorem

- |         |          |         |          |
|---------|----------|---------|----------|
| 1) 9.1  | 2) 10.8  | 3) 9.9  | 4) 10.6  |
| 5) 10   | 6) 11.3  | 7) 11.4 | 8) 10.5  |
| 9) 7.3  | 10) 8.2  | 11) 7.6 | 12) 8    |
| 13) 3.8 | 14) 4.4  | 15) 5.7 | 16) 11.2 |
| 17) 4.8 | 18) 13.2 | 19) 7.2 | 20) 5.7  |
| 21) 9.6 | 22) 6.6  | 23) 5.2 | 24) 7.7  |
| 25) No  | 26) Yes  | 27) Yes | 28) No   |
| 29) No  | 30) No   | 31) No  | 32) Yes  |