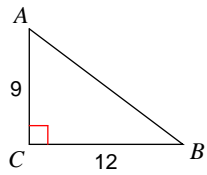


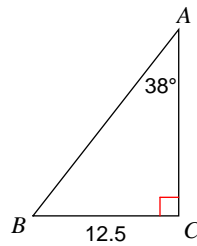
## Worksheet #2 - Solving Right Triangles

Solve each triangle. Round answers to the nearest tenth.

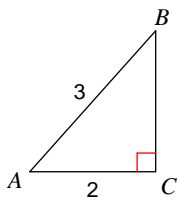
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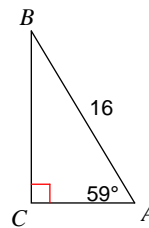
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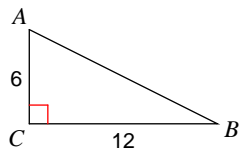
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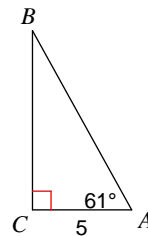
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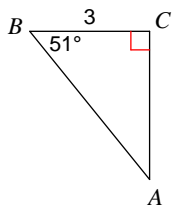
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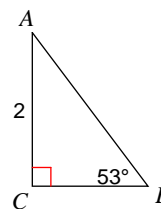
6)



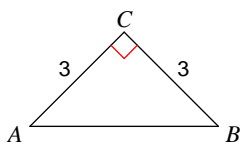
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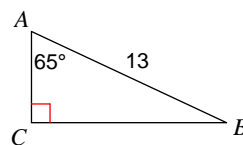
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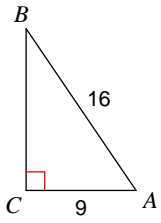
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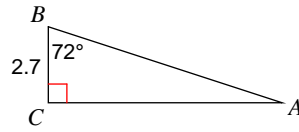
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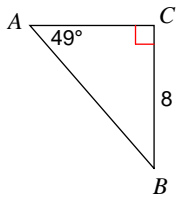
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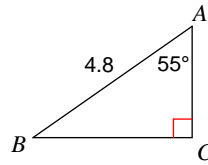
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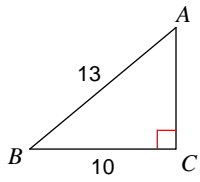
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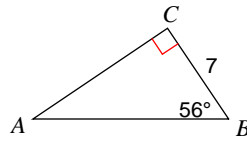
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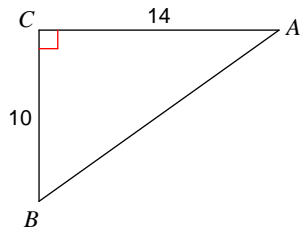
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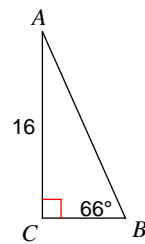
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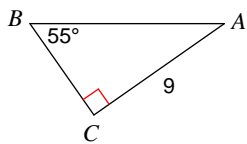
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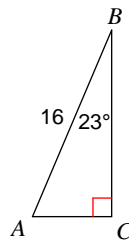
18)



19)



20)



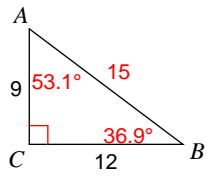
## Answers to Worksheet #2 - Solving Right Triangles

- 1)  $m\angle A = 53.1^\circ$ ,  $m\angle B = 36.9^\circ$ ,  $c = 15$
- 2)  $m\angle B = 52^\circ$ ,  $b = 16$ ,  $c = 20.3$
- 3)  $m\angle A = 48.2^\circ$ ,  $m\angle B = 41.8^\circ$ ,  $a = 2.2$
- 4)  $m\angle B = 31^\circ$ ,  $b = 8.2$ ,  $a = 13.7$
- 5)  $m\angle A = 63.4^\circ$ ,  $m\angle B = 26.6^\circ$ ,  $c = 13.4$
- 6)  $m\angle B = 29^\circ$ ,  $a = 9$ ,  $c = 10.3$
- 7)  $m\angle A = 39^\circ$ ,  $b = 3.7$ ,  $c = 4.8$
- 8)  $m\angle A = 37^\circ$ ,  $a = 1.5$ ,  $c = 2.5$
- 9)  $m\angle A = 45^\circ$ ,  $m\angle B = 45^\circ$ ,  $c = 4.2$
- 10)  $m\angle B = 25^\circ$ ,  $a = 11.8$ ,  $b = 5.5$
- 11)  $m\angle B = 34.2^\circ$ ,  $m\angle A = 55.8^\circ$ ,  $a = 13.2$
- 12)  $m\angle A = 18^\circ$ ,  $b = 8.3$ ,  $c = 8.7$
- 13)  $m\angle B = 41^\circ$ ,  $b = 7$ ,  $c = 10.6$
- 14)  $m\angle B = 35^\circ$ ,  $b = 2.8$ ,  $a = 3.9$
- 15)  $m\angle B = 39.7^\circ$ ,  $m\angle A = 50.3^\circ$ ,  $b = 8.3$
- 16)  $m\angle A = 34^\circ$ ,  $b = 10.4$ ,  $c = 12.5$
- 17)  $m\angle B = 54.5^\circ$ ,  $m\angle A = 35.5^\circ$ ,  $c = 17.2$
- 18)  $m\angle A = 24^\circ$ ,  $a = 7.1$ ,  $c = 17.5$
- 19)  $m\angle A = 35^\circ$ ,  $a = 6.3$ ,  $c = 11$
- 20)  $m\angle A = 67^\circ$ ,  $a = 14.7$ ,  $b = 6.3$

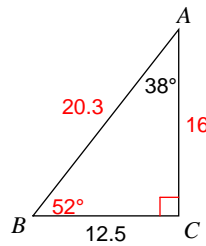
Worksheet #2 - Solving Right Triangles

Solve each triangle. Round answers to the nearest tenth.

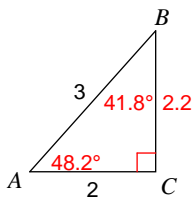
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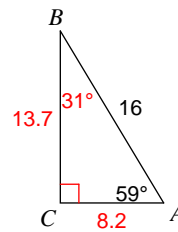
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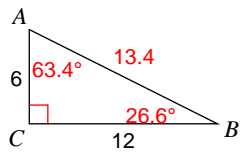
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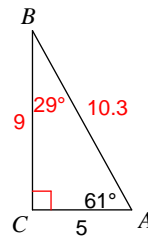
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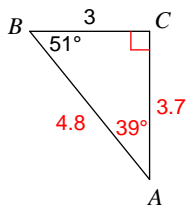
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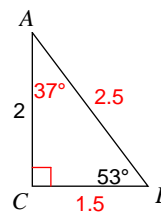
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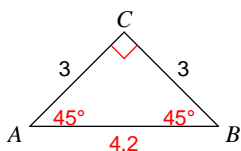
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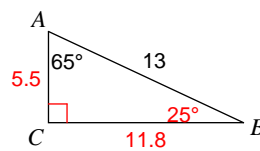
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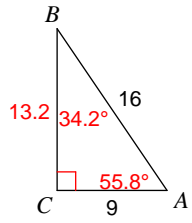
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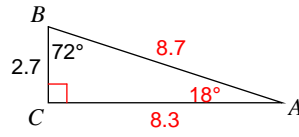
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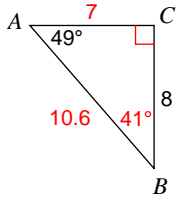
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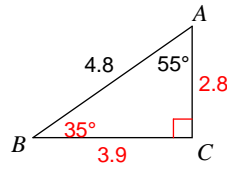
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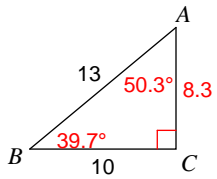
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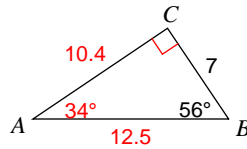
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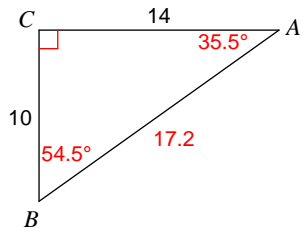
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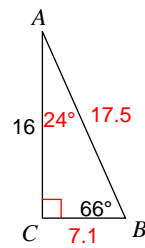
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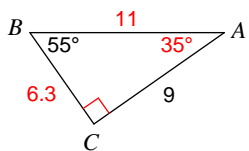
17)



18)



19)



20)

