

## 10.8 Practice - Inverse Trigonometric Functions

Find each angle measure to the nearest degree.

1)  $\sin Z = 0.4848$

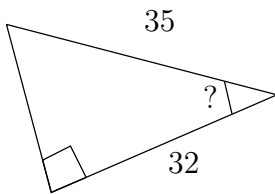
2)  $\sin Y = 0.6293$

3)  $\sin Y = 0.6561$

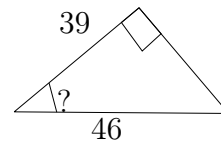
4)  $\cos Y = 0.6157$

Find the measure of the indicated angle to the nearest degree.

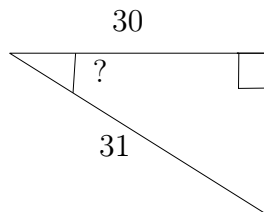
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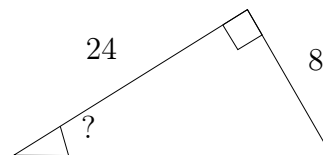
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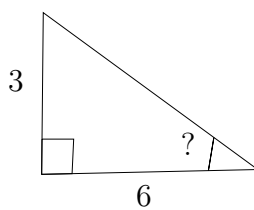
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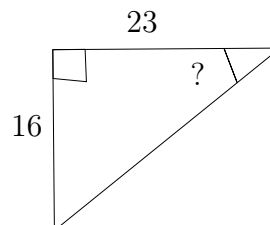
8)



9)

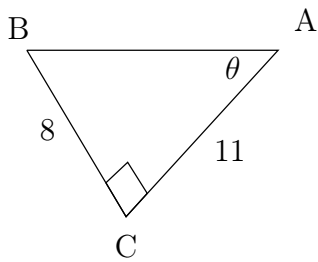


10)

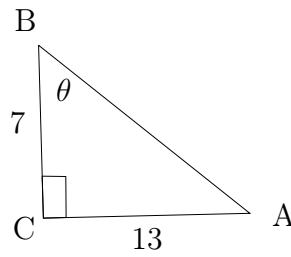


Find the measure of each angle indicated. Round to the nearest tenth.

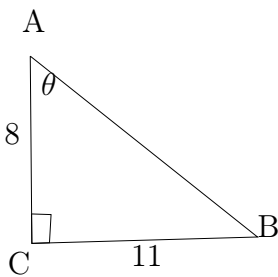
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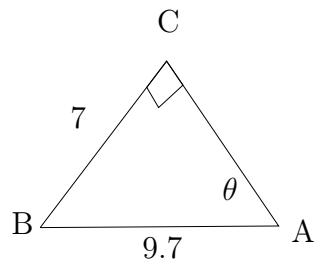
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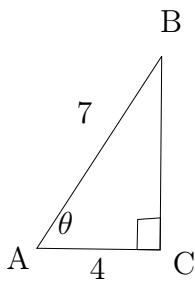
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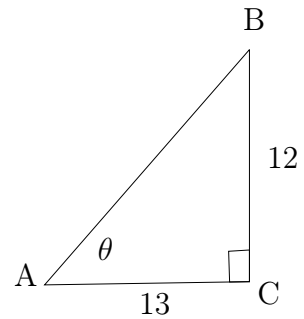
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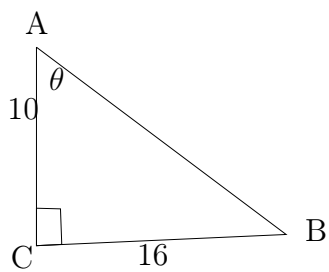
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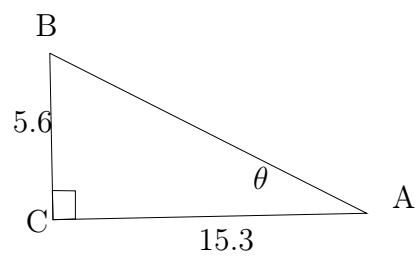
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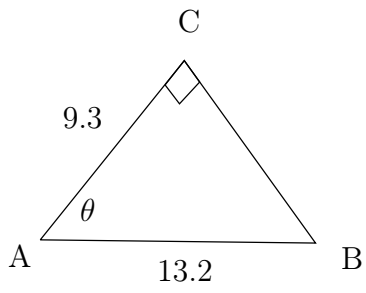
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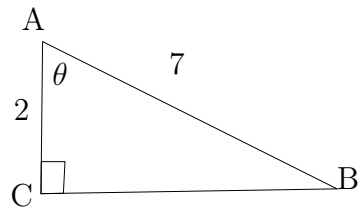
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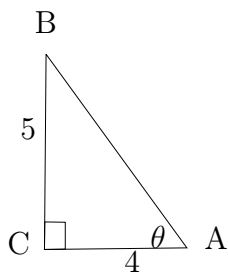
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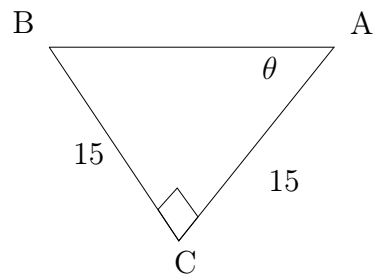
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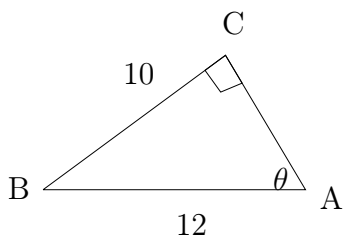
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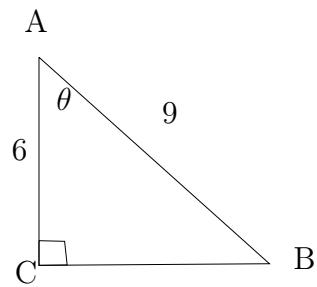
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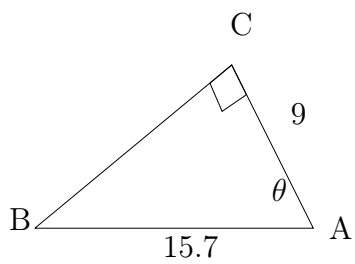
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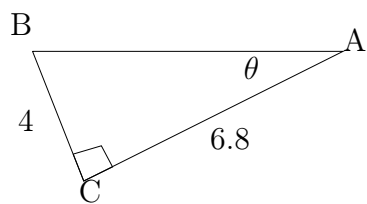
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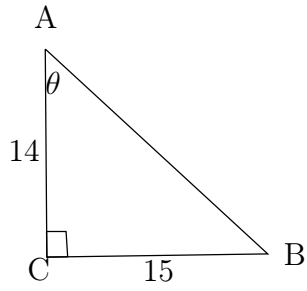
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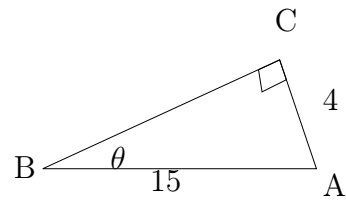
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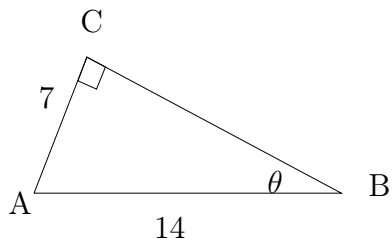
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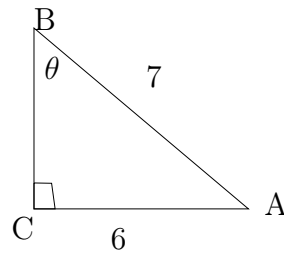
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29)

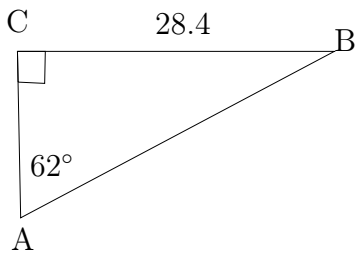


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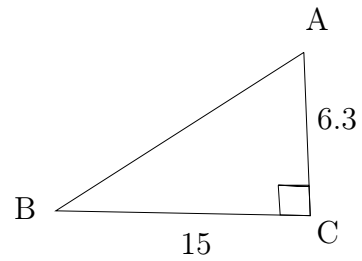


Solve each triangle. Round answers to the nearest tenth.

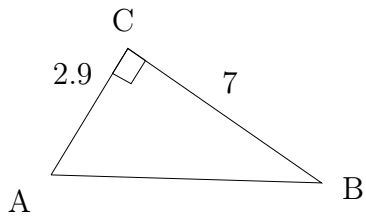
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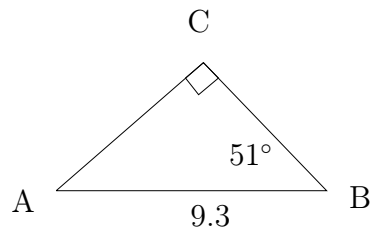
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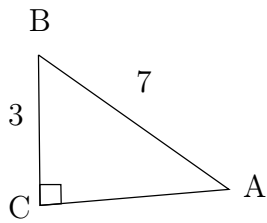
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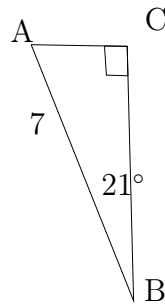
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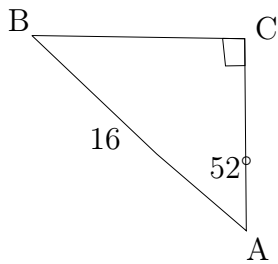
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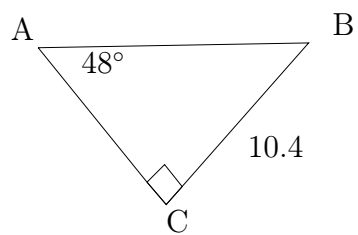
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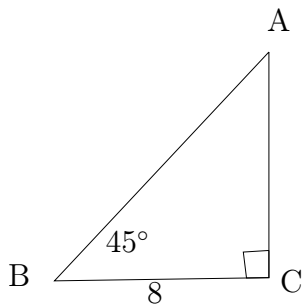
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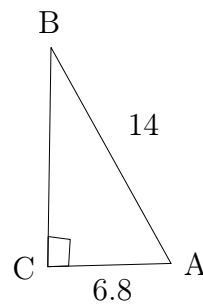
38)



39)



40)



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