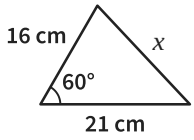
# The cosine rule: finding a side

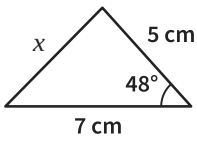
*Exit ticket* Name _____

**1** Find the length $x$.




$x$ = _____

**2** Find the length $x$.
Give your answer to
1 decimal place.

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**3** Two sides of a triangle are 4 cm and 9 cm.
The angle between them is 115°. Find the third side.
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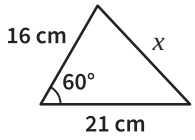


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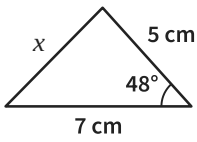


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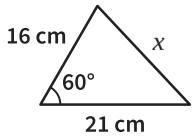


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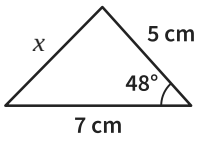


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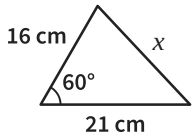


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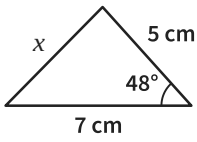


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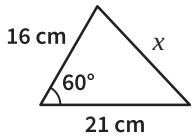


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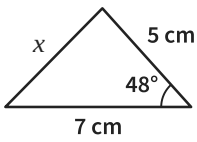


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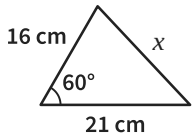


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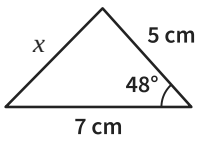


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