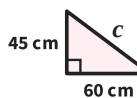


## Pythagoras: finding the hypotenuse



Exit ticket Name \_\_\_\_\_

- 1 Find the length  $c$ .



- 1 Square the two short sides.

$$c^2 = 45^2 + 60^2$$

$$c^2 = \square + \square$$

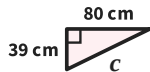
- 2 Add.

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- 3 Square root.

$$c = \sqrt{\square} = \square \text{ cm}$$

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- 3 A triangle has a right angle. Its short sides are 35 m and 84 m. Find the length of its hypotenuse.

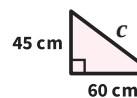
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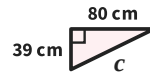
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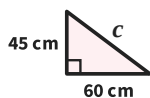
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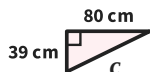
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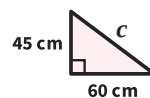
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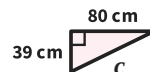
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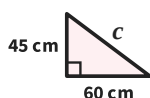
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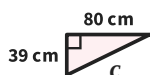
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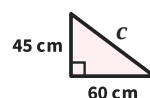
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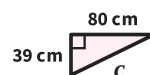
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