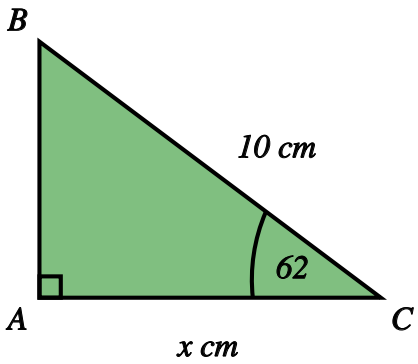
Trigonometry - finding sides and angles

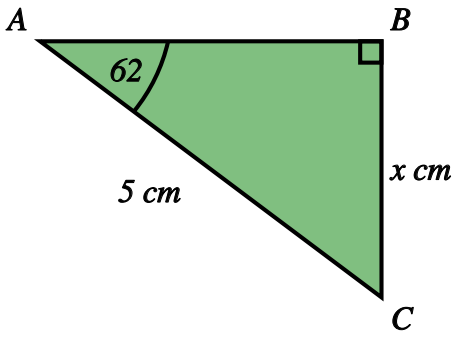
Name:	Class:	Date:

Mark	/ 18	%

1) Find x in the triangle below, giving your answer to 3 significant figures. [1]



2) Find x in the triangle below, giving your answer to 3 significant figures. [1]



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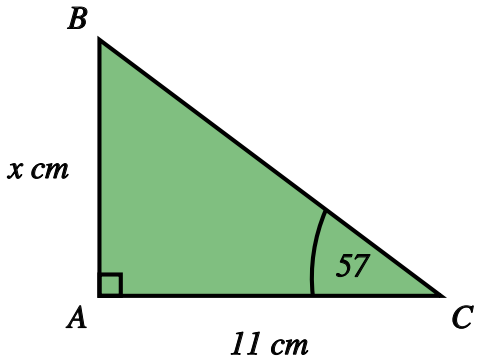

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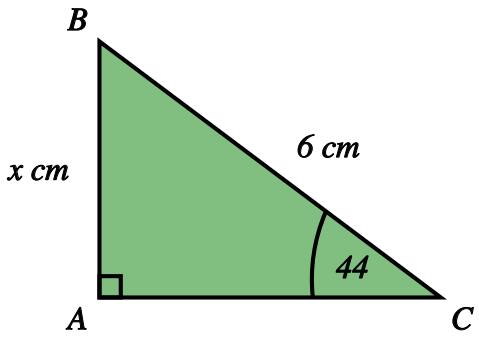

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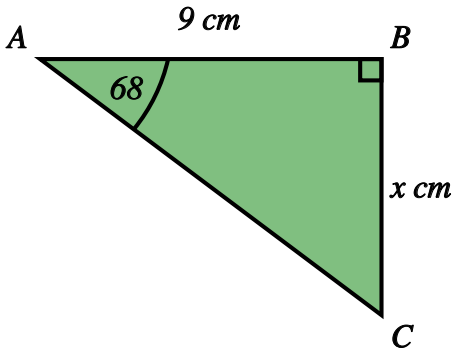
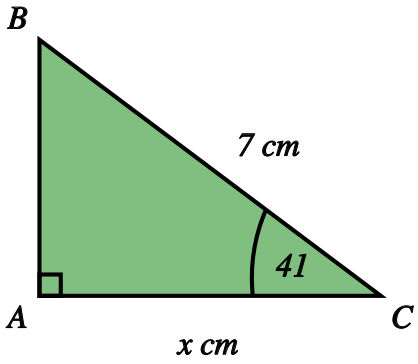
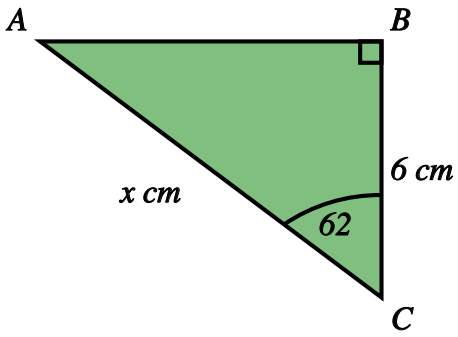


6) Find x in the triangle below, giving your answer to 3 significant figures. [1]



7) Find x in the triangle below, giving your answer to 3 significant figures [1]



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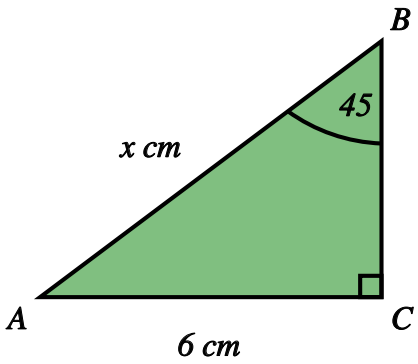
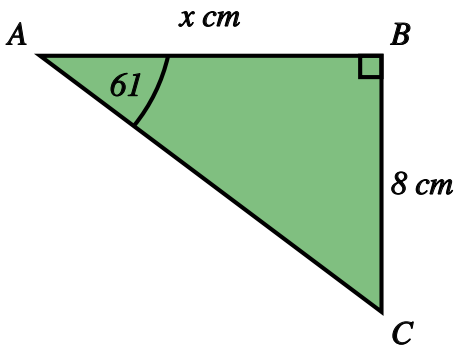
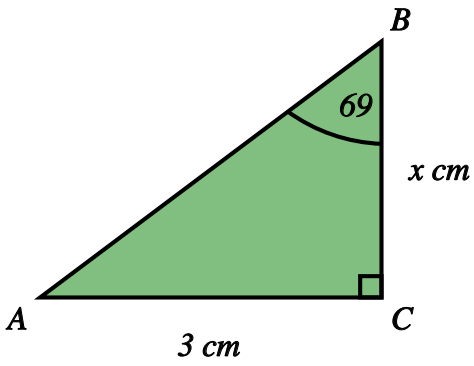


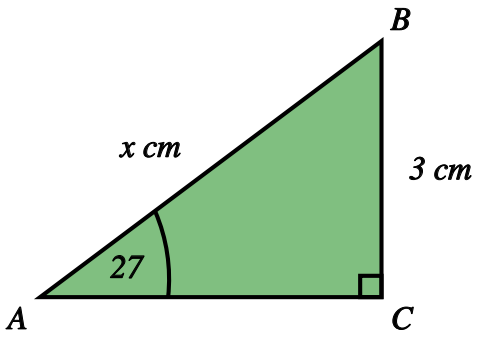
9) Find x in the triangle below, giving your answer to 3 significant figures [1]



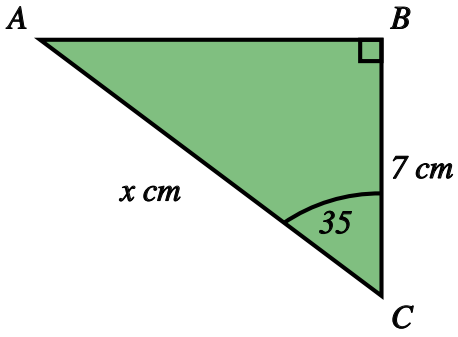
10) Find x in the triangle below, giving your answer to 3 significant figures [1]



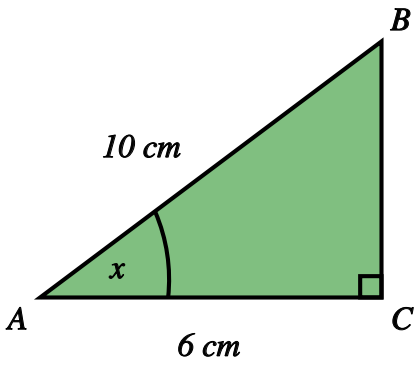
11) Find x in the triangle below, giving your answer to 3 significant figures [1]



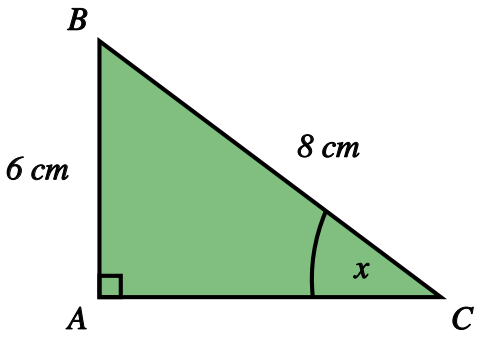
12) Find x in the triangle below, giving your answer to 3 significant figures [1]



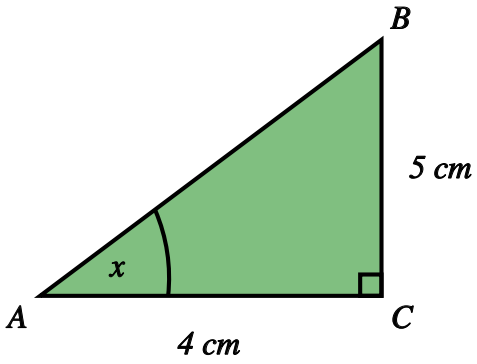
13) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



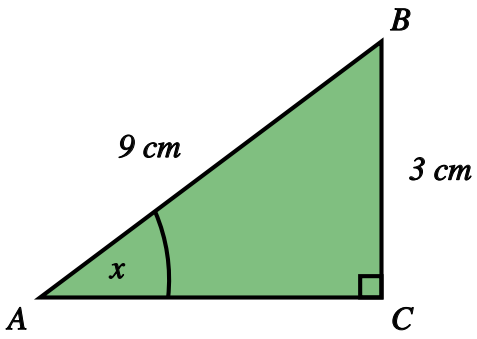
14) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



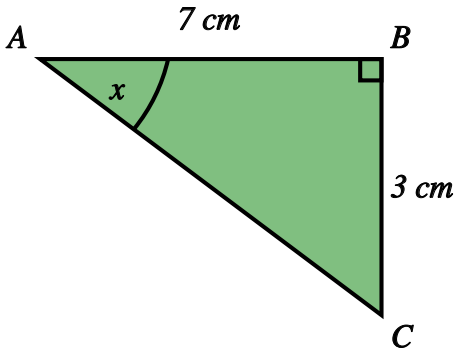
15) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



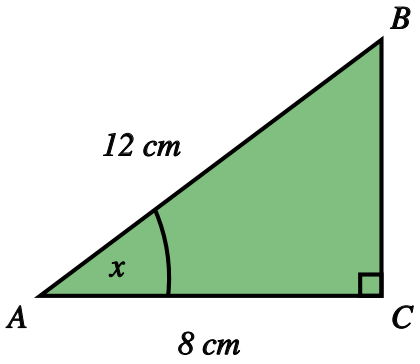
16) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



17) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



18) Find angle x in the triangle below, giving your answer to 1 decimal place. [1]



Solutions for the assessment Trigonometry - finding sides and angles

1) $x = 4.69$ cm

2) $x = 4.41$ cm

3) $x = 16.9$ cm

4) $x = 4.17$ cm

5) $x = 22.3$ cm

6) $x = 5.28$ cm

7) $x = 12.8$ cm

8) $x = 8.49$ cm

9) $x = 4.43$ cm

10) $x = 1.15$ cm

11) $x = 6.61$ cm

12) $x = 8.55$ cm

13) $x = 53.1°$

14) $x = 48.6°$

15) $x = 51.3°$

16) $x = 19.5°$

17) $x = 23.2°$

18) $x = 48.2°$