

Sine Rule, Cosine Rule and Area Rule - basics

Name:

Class:

Date:

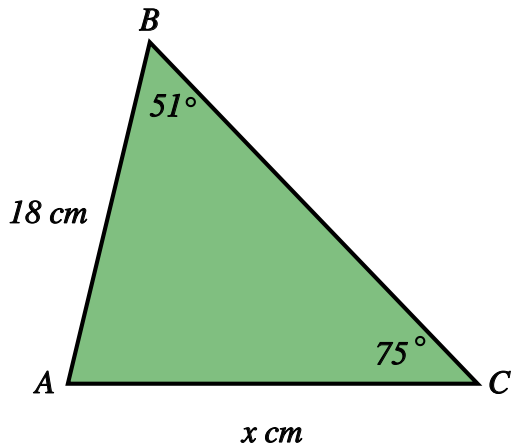
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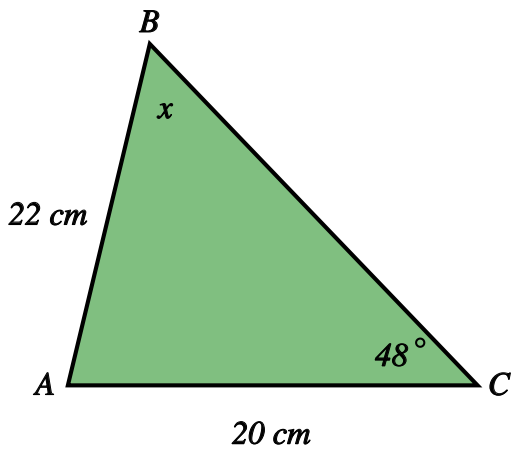
1) Find x in the triangle below, giving your answer to 3 significant figures.

[1]



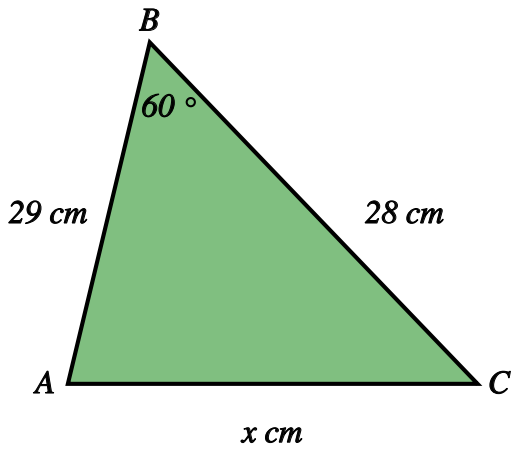
2) Find x in the triangle below, giving your answer to 3 significant figures.

[1]



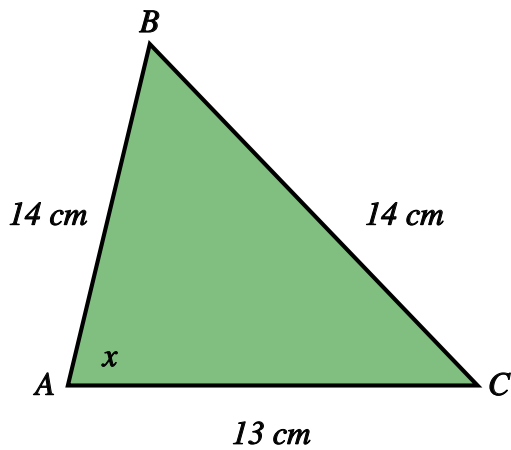
3) Find x in the triangle below, giving your answer to 3 significant figures.

[1]

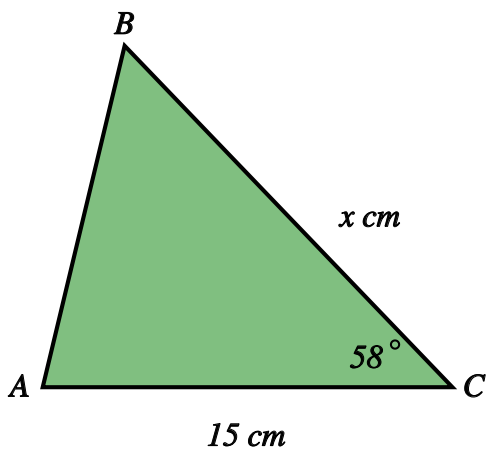


4) Find x in the triangle below, giving your answer to 3 significant figures.

[1]

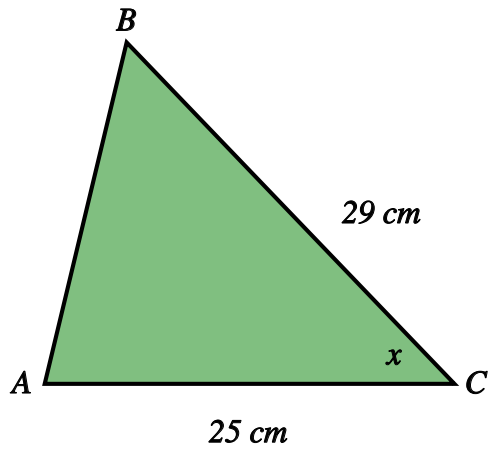


5) The area of triangle ABC is 80 cm^2 . Find the length of x , giving your answer to 3 significant figures.



[1]

6) The area of triangle ABC is 310 cm^2 . Find the size of angle x , giving your answer to 3 significant figures.



[1]

Solutions for the assessment Sine Rule, Cosine Rule and Area Rule - basics

1) $x = 14.5 \text{ cm}$

2) $x = 42.5^\circ$

3) $x = 28.5 \text{ cm}$

4) $x = 62.3^\circ$

5) $x = 12.6 \text{ cm}$

6) $x = 58.8^\circ$