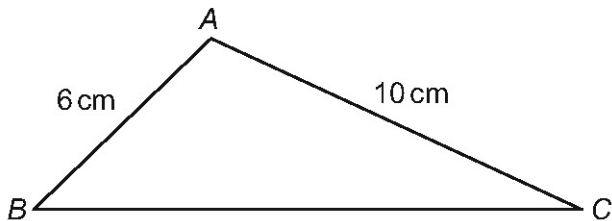


3

ABC is the cross-section of a triangular prism.

The length of AB is 6 cm and the length of AC is 10 cm as shown in the diagram.



The prism has length 20 cm and volume 500 cm^3

Find the size of the obtuse angle CAB

Give your answer to the nearest degree.

[4 marks]