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Solutions



3 cm 10 cm 14 cm	Not drawn accurately 5 cm
Work out the volume of the prism.	[4 marks]
	cm ³
Answer	



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Solutions



7

Prism A, Prism B and Prism C all have the same volume. 7

Complete the table.

[4 marks]

	Prism A	Prism B	Prism C
Cross Sectional Area	24 cm ²		40 cm ²
Length	15 cm	18 cm	
Volume			

The cross section of a prism is a right-angled triangle. 8



The prism has a volume of 162 cm³ Work out the value of h, the height of the right-angled triangle.

^{[3} marks]





0	The cross section of a prism is a pentagon with one line	of symmetry.
	10 cm 11 cm 16 cm 15 cm	Not drawn accurately 5 cm
0 (a)	Work out the volume of the prism.	[4 marks]
	Answer	Cm ³
0 (b)	Work out the surface area of the prism.	[4 marks]
	Answer	cm ²
st		

