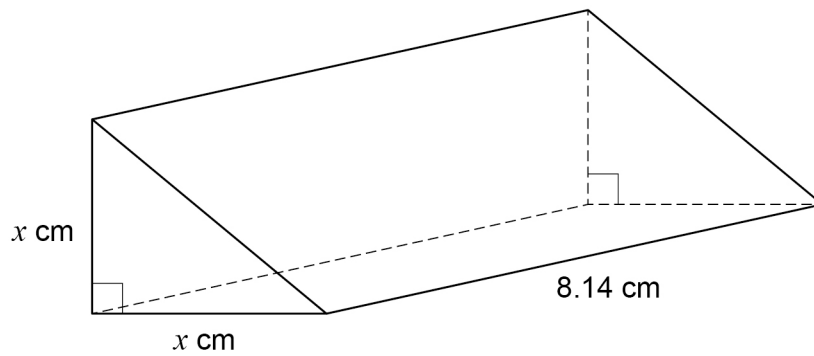


13

The triangular cross section of a prism is an isosceles right-angled triangle.



The volume of the prism is  $102 \text{ cm}^3$

Use approximations to estimate the value of  $x$ .

You **must** show your working.

[3 marks]

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Answer \_\_\_\_\_

