



The formula for the volume of a cone is $V = \frac{1}{3} \pi r^2 h$

A cone has **radius** 6 cm and **height** 5 cm.

Work out its volume in terms of π .

A

B

C

D

 $20\pi \text{ cm}^3$ $50\pi \text{ cm}^3$ $60\pi \text{ cm}^3$ $300\pi \text{ cm}^3$

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Your answer:

A B C D

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I think this is the answer because...

Why might students choose each of the other 3 answers?

What other incorrect answer would you add to this question and why?

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