















The diagram shows a cone. 5



The volume of the cone is 3000 cm<sup>3</sup>

Work out the value of *h*, the height of the cone. Give your answer to 1 decimal place.



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6 The diagram shows a cone.



The volume of the cone is  $90 \text{ cm}^3$ 

Work out the value of *h*, the height of the cone. Give your answer to 1 decimal place.





7 The diagram shows a cone.



The volume of the cone is  $120 \text{ cm}^3$ 

Work out the value of *r*, the radius of the base of the cone. Give your answer to 1 decimal place.

