



2 Here are two square based pyramids.



The volume of **Pyramid A** is less than the volume of **Pyramid B**.

Work out how much less.



(Total for Question 2 is 4 marks)

......cm<sup>3</sup>



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(2)

(	<b>b</b> )	Work	out	the	surface	area	of	the	nvrami	d
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6 *VABCD* is a squared-based pyramid.



The volume of the pyramid is 1500 cm<sup>3</sup>

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









The volume of the pyramid is 300 cm<sup>3</sup>

Work out the length of side *AB*. Give your answer to 1 decimal place.



(Total for Question 7 is 4 marks)



.....cm

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## Volume of **Pyramid A** = $2 \times$ Volume of **Pyramid B**

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







VN = 30 cm

(a) Work out the volume of the pyramid.





(b) Work out the surface area of the pyramid.

......cm<sup>2</sup>

## (Total for Question 9 is 6 marks)



1st

