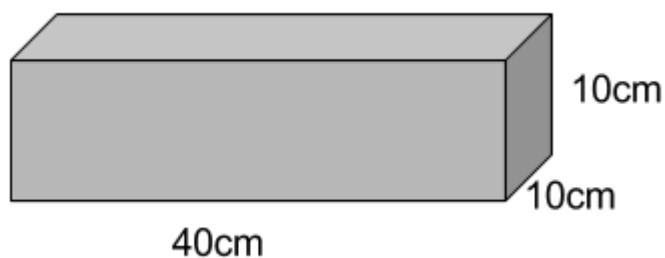


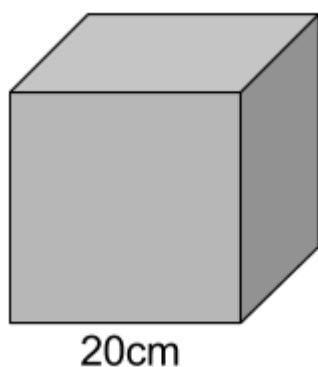
Q5 (Volume) Day 72**Name:** _____

1. Look at the cuboid below. Work out the volume of the cuboid in cm^3 . Write your answer in the space below.



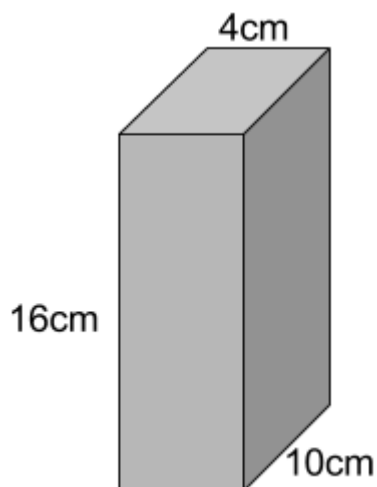
_____ cm^3

2. Look at the cube below. Work out the volume of the cube in cm^3 . Write your answer in the space below.



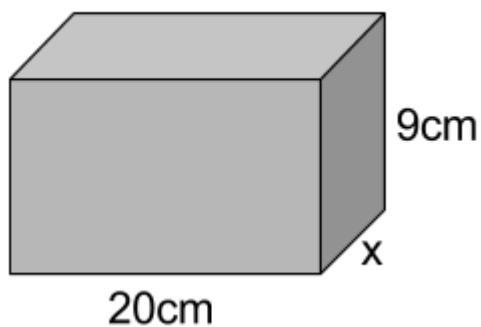
_____ cm^3

3. Look at the cuboid below. Work out the volume of the cuboid in cm^3 . Write your answer in the space below.



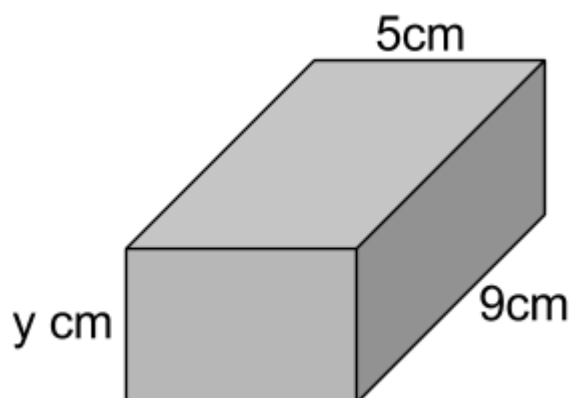
_____ cm^3

4. Look at the cuboid below. Work out the value of x if the volume of the cuboid is 360cm^3 . Write your answer in the space below.



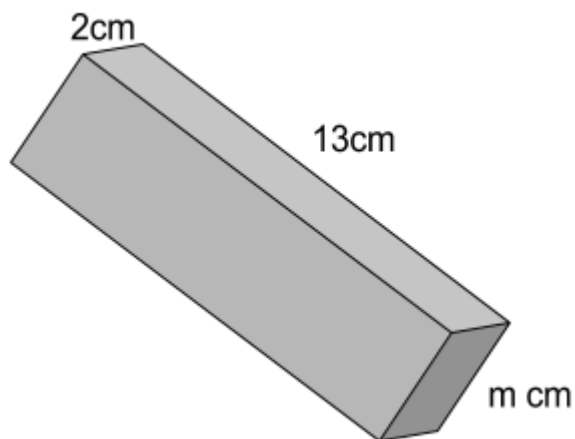
$x =$ _____ cm

5. Look at the cuboid below. Work out the value of y if the volume of the cuboid is 135cm^3 . Write your answer in the space below.



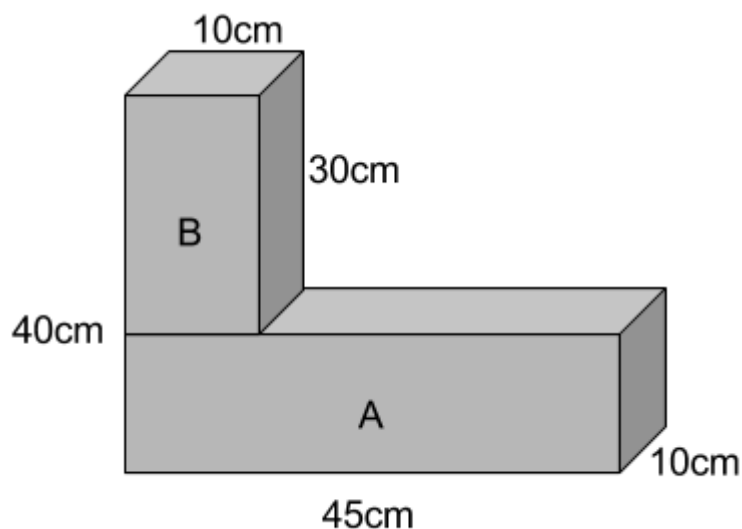
$y =$ _____ cm

6. Look at the cuboid below. Work out the value of m if the volume of the cuboid is 130cm^3 . Write your answer in the space below.



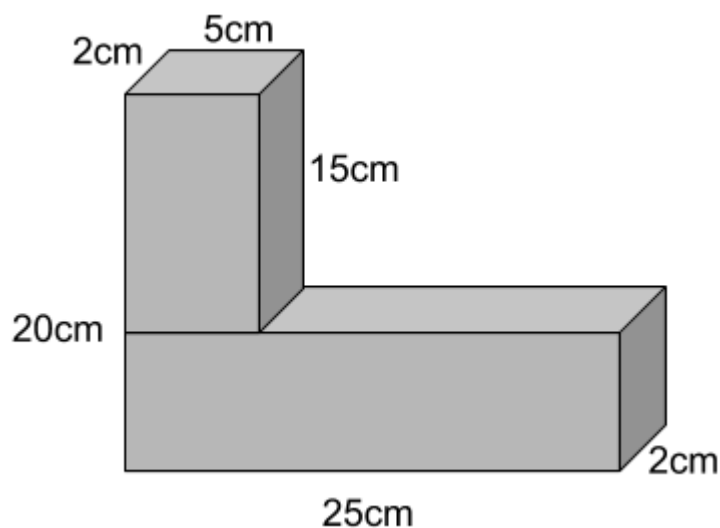
$m =$ _____ cm

7. Look at the shape below. Work out the volume of cuboid A in cm^3 . Write your answer in the space below.



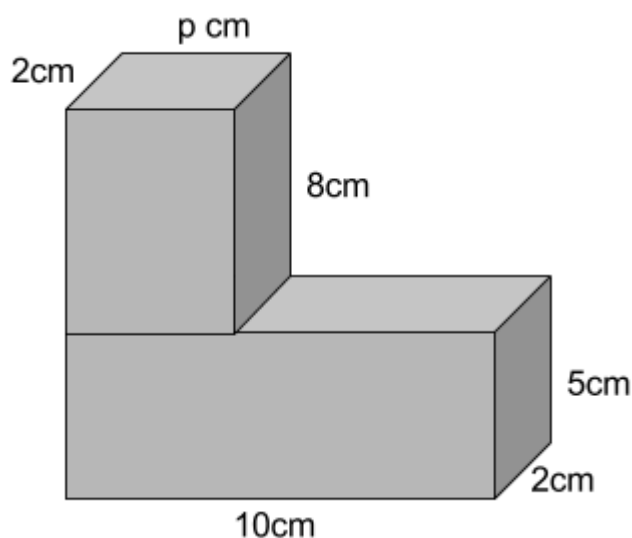
A = _____ cm^3

8. Look at the shape below. Work out the total volume of the shape in cm^3 . Write your answer in the space below.



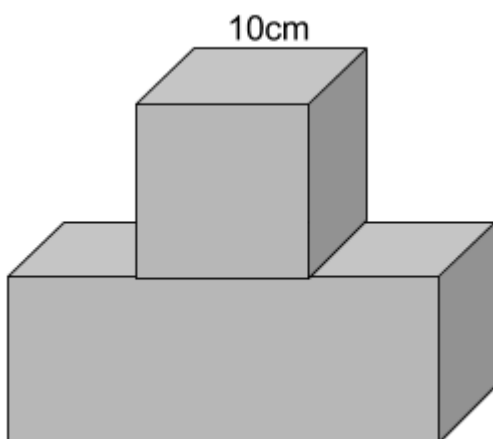
_____ cm^3

9. Look at the shape below. Work out the value of p if the volume of the total shape is 164cm^3 . Write your answer in the space below.



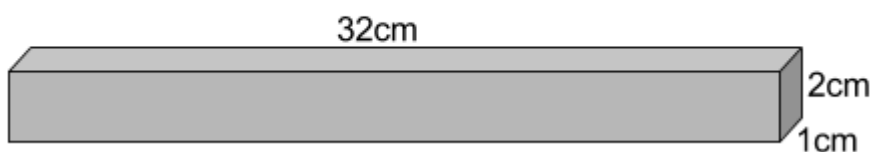
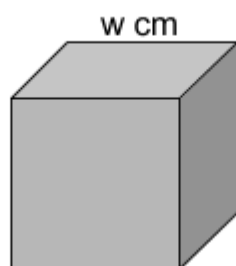
$p =$ _____ cm

10. Look at the cuboid and cube below. The cube has a side length of 10cm . The cuboid below is twice the volume of the cube. Work out the total volume of the cube and the cuboid. Write your answer in the space below.



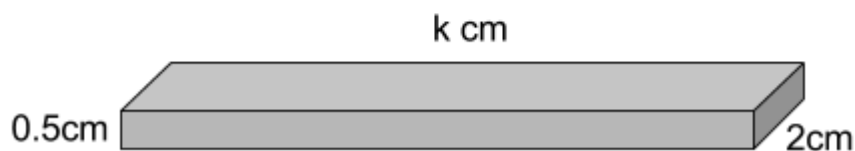
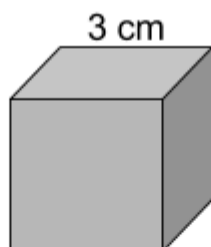
_____ cm^3

11. Look at the cube and cuboid below. The cuboid has the same volume as the cube. Work out the value of w on the cube. Write your answer in the space below.



$w =$ _____ cm

12. Look at the cube and cuboid below. The cuboid has the same volume as the cube. Work out the value of k on the cuboid. Write your answer in the space below.



$k =$ _____ cm

Answers

1. 4000
2. 8000
3. 640
4. 2
5. 3
6. 5
7. 4500
8. 400
9. 4
10. 3000
11. 4
12. 27