

Volume of cubes / cuboids

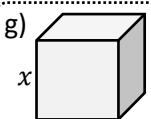
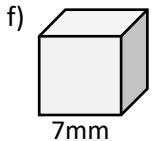
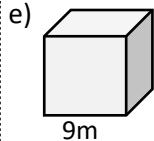
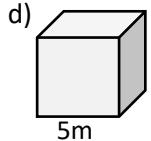
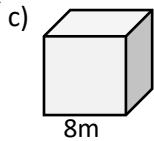
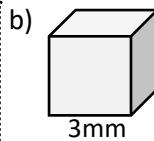
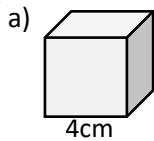
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Name:

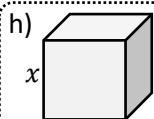


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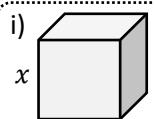
Calculate the volume of these **cubes**. State the units of your answer.



Calculate the value of x if the volume is 1000cm^3

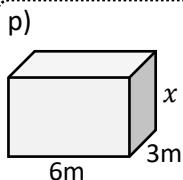
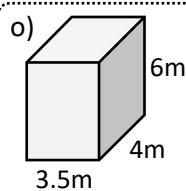
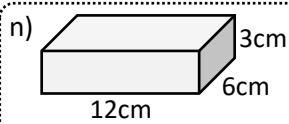
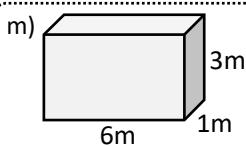
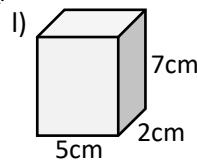
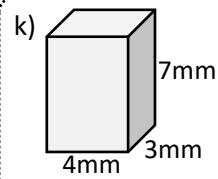
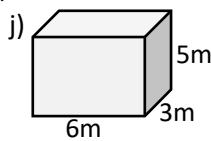


Calculate the value of x if the volume is 27m^3

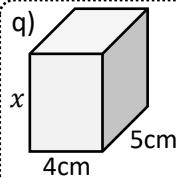


Calculate the value of x if the volume is 512cm^3

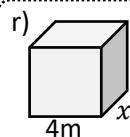
Calculate the volume of these **cuboids**:



Calculate the value of x if the volume is 72m^3



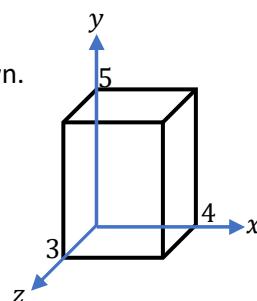
Calculate the value of x if the volume is 140cm^3



Calculate the value of x if the volume is 48m^3

Exam question:

A cuboid is drawn on a centimetre 3D coordinate grid, as shown.
Work out the volume of the cuboid.



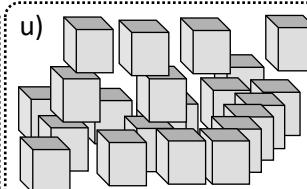
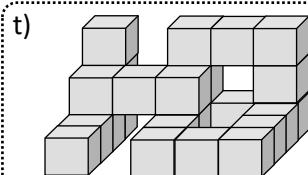
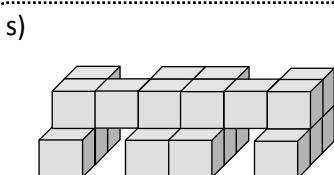
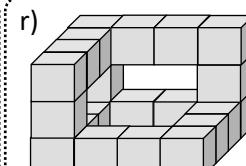
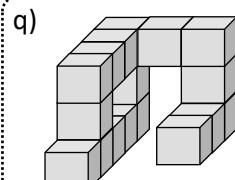
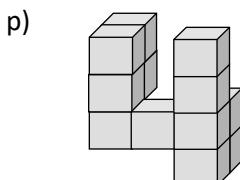
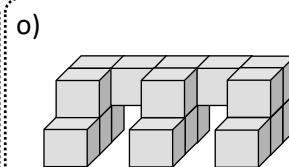
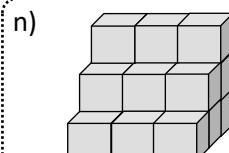
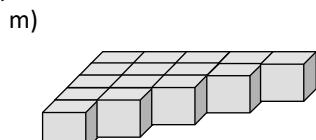
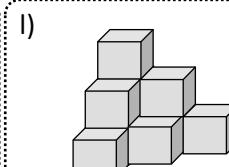
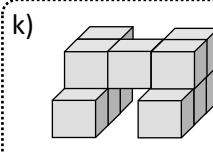
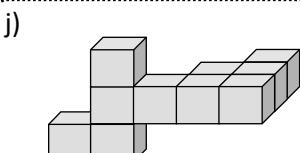
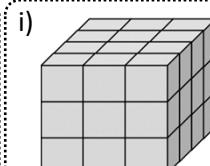
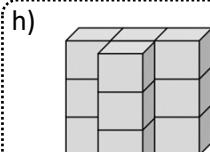
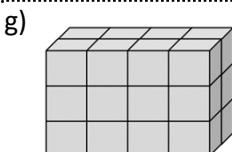
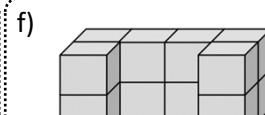
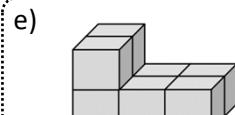
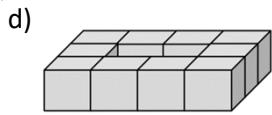
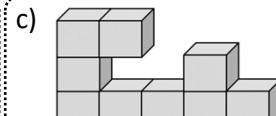
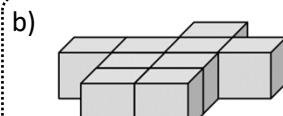
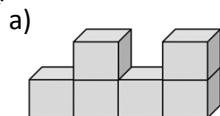
Volume of cubes / cuboids using blocks

95b

Name:



Calculate the total **volume** of these shapes built from 1cm cubes:



Exam question:

A solid shape is made out of 1m cubes.
Calculate the total volume of the cuboid.

