

Decimals and measures

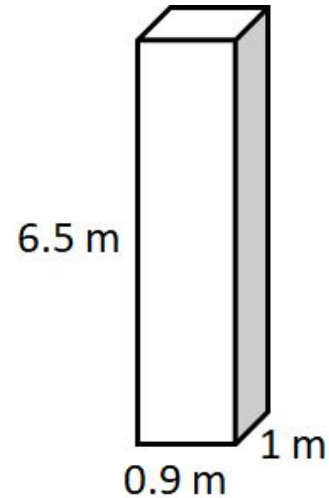
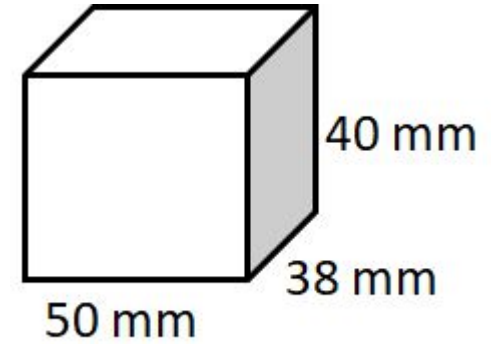
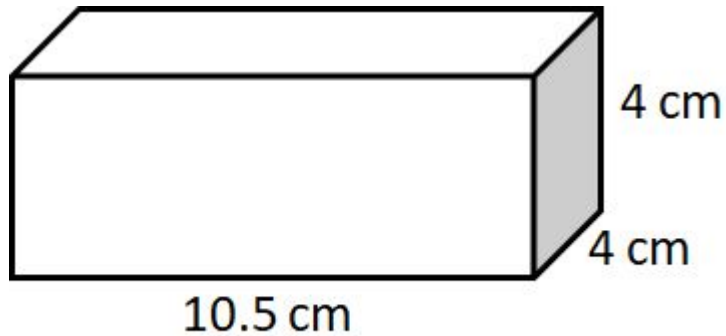
Calculate the volume of cubes and cuboids

Independent Task



Question 1

Calculate the volume of each cuboid.



Question 2

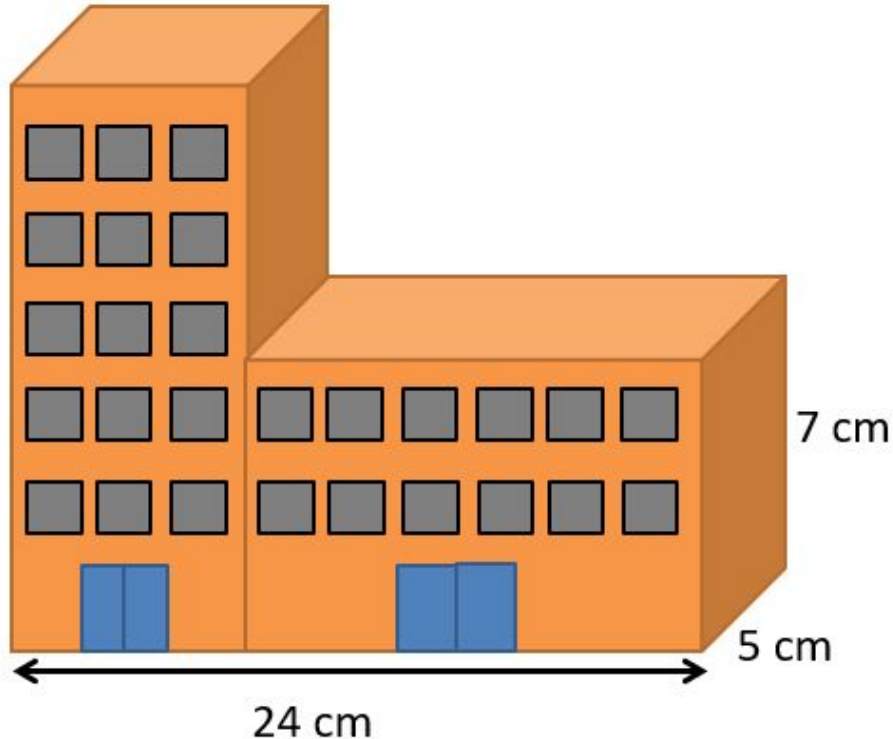
Dan has a large collection of tropical fish. He needs an aquarium with a volume of 600 m^3 .

Sketch four possible cuboids which have this volume.

Which would you choose for the aquarium and why?



Question 3



A toymaker makes wooden buildings. This solid toy is made of a tall and a short building.

The tall building is twice the height of the short building.

The short building is twice as wide as the tall building.

What is the volume of the wooden toy?



Question 4

Cube A and cuboid B have the same volume. Find the missing length on the cuboid, c.

