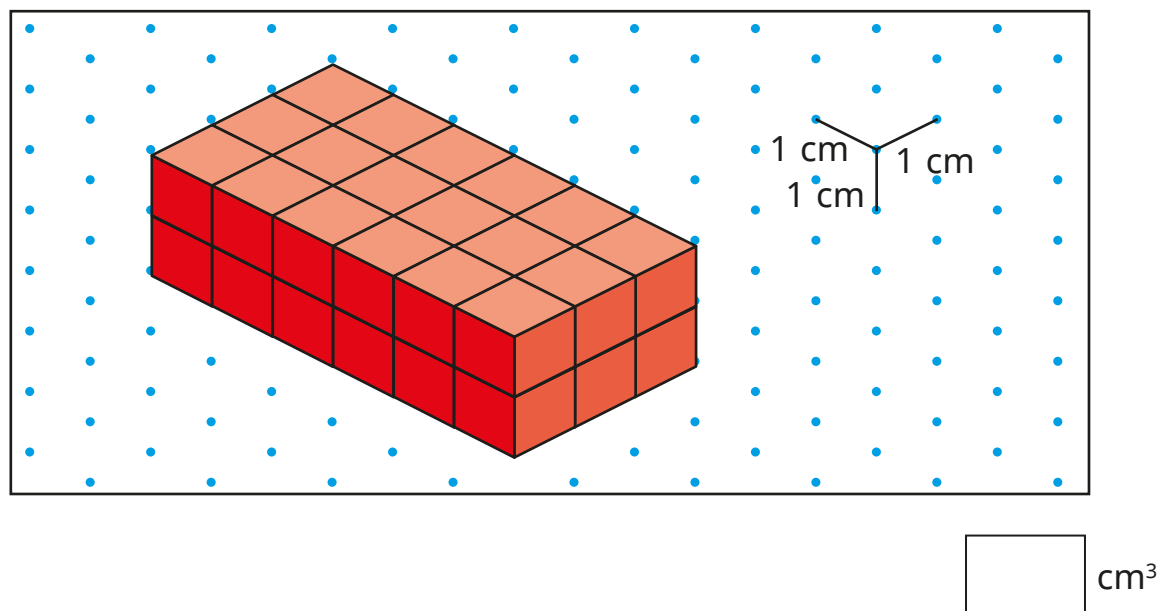


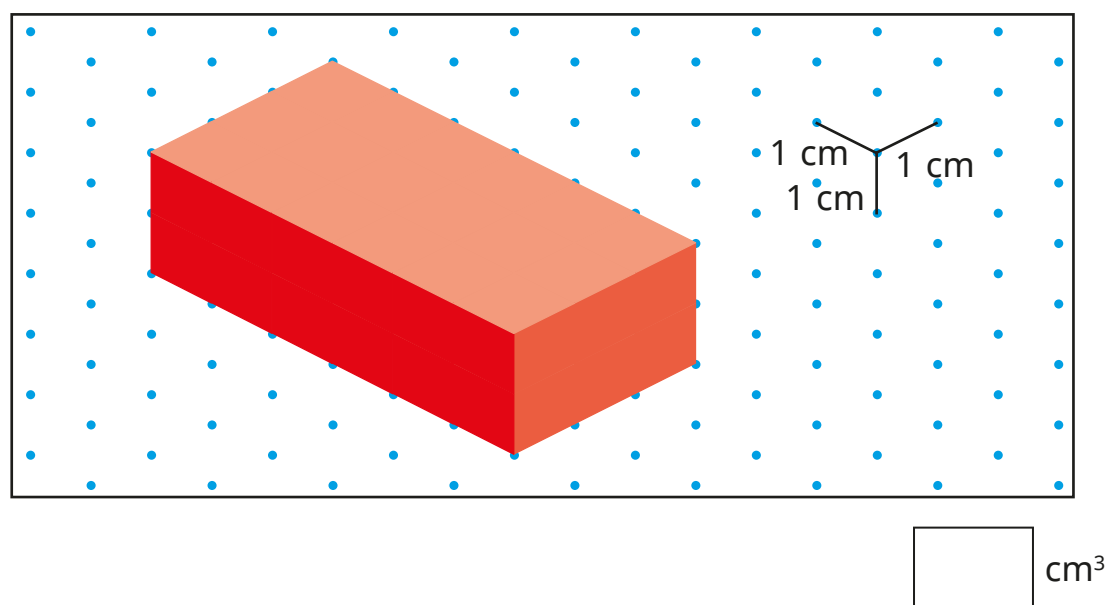
Volume of a cuboid



- 1 a) What is the volume of the cuboid?

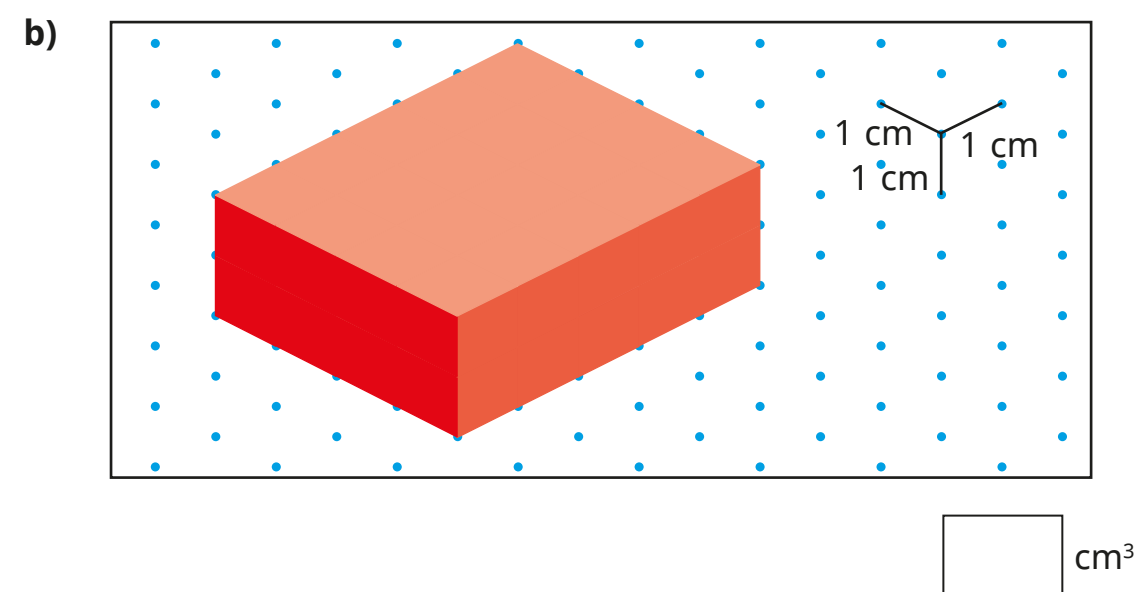
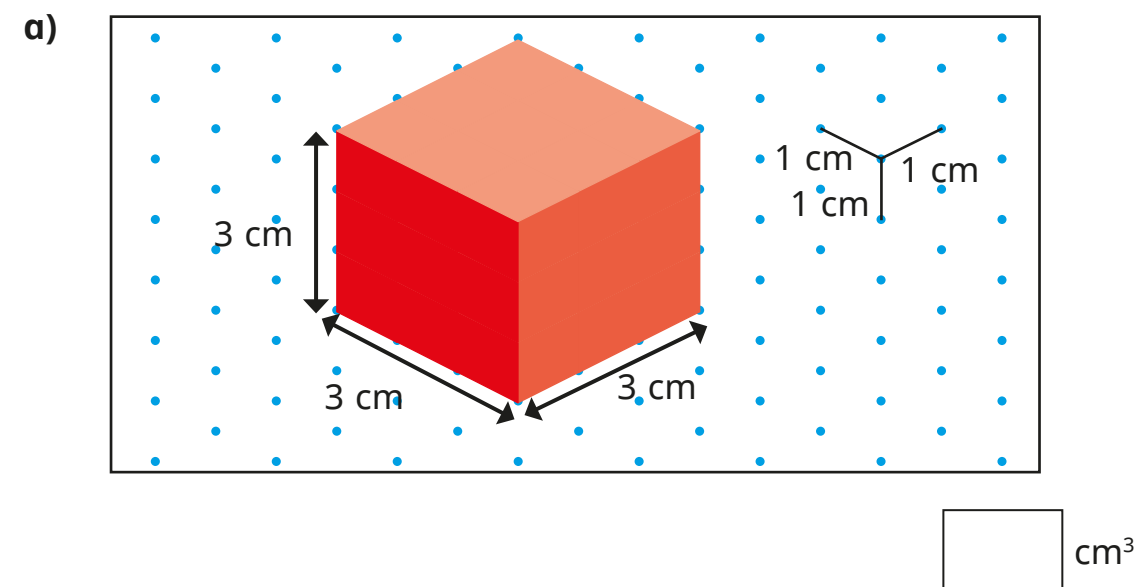


- b) What is the volume of the cuboid?

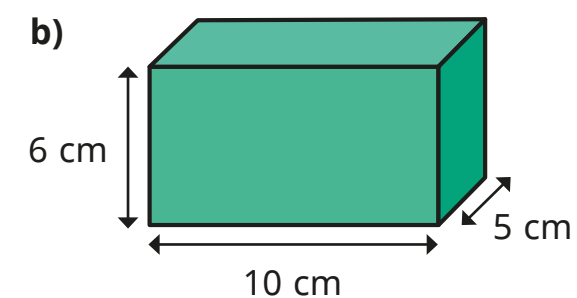
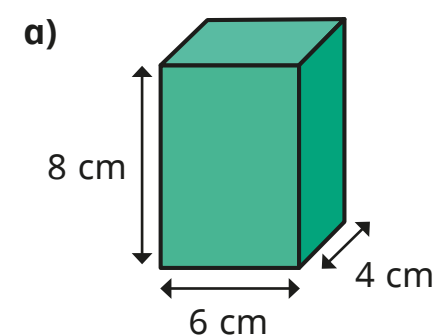


- c) What method did you use to work out the volume of each cuboid?
What is the same and what is different about the two cuboids?

- 2 Find the volumes of the cuboids.
You can make them with cubes if it helps.

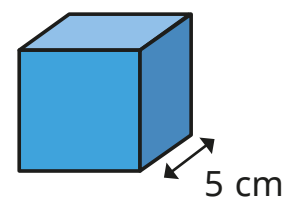


- 3 Calculate the volumes of the cuboids.



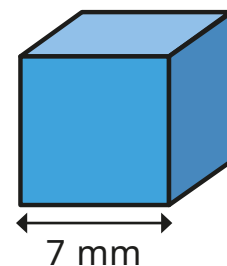
- 4 Calculate the volumes of the cubes.

a)



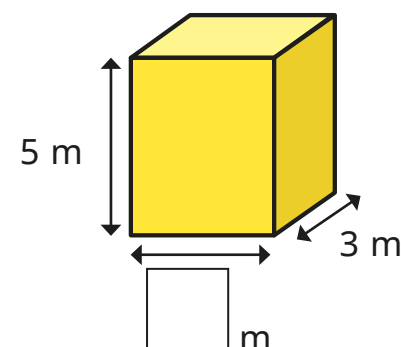
cm^3

b)



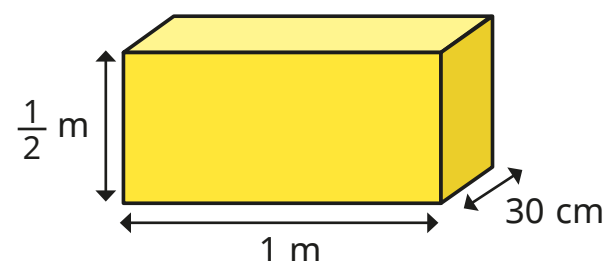
mm^3

- 5 The volume of the cuboid is 60 m^3
Find the missing length.



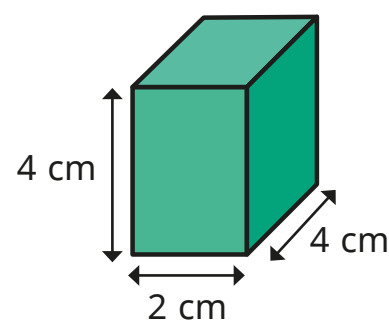
m

- 6 Calculate the volume of the cuboid.

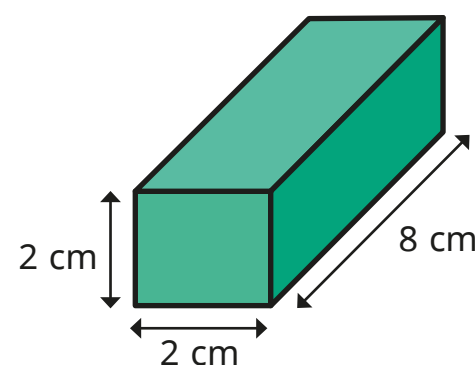


cm^3

- 7 Calculate the volumes of the cuboids.



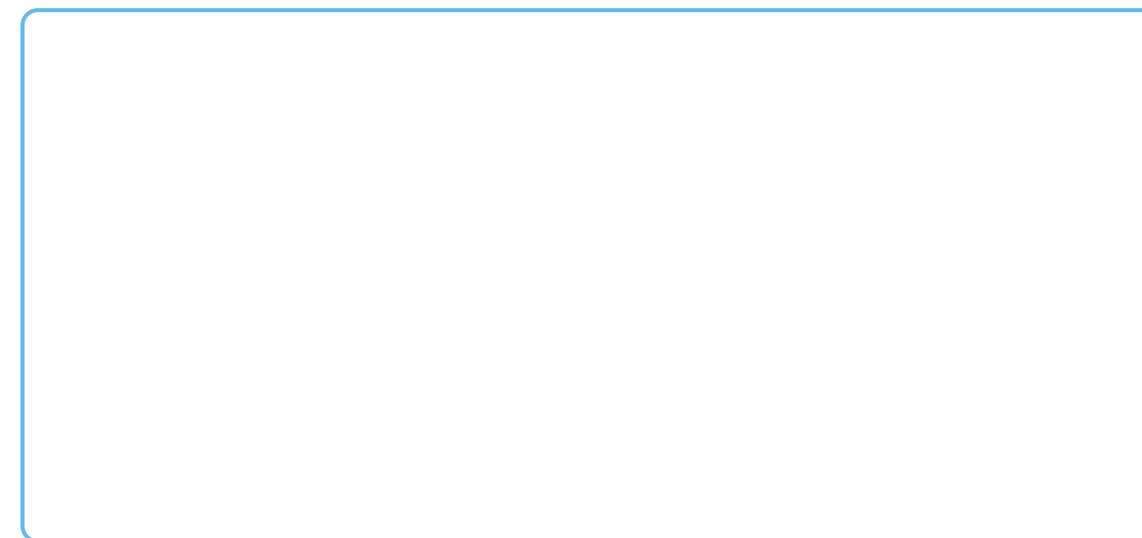
cm^3



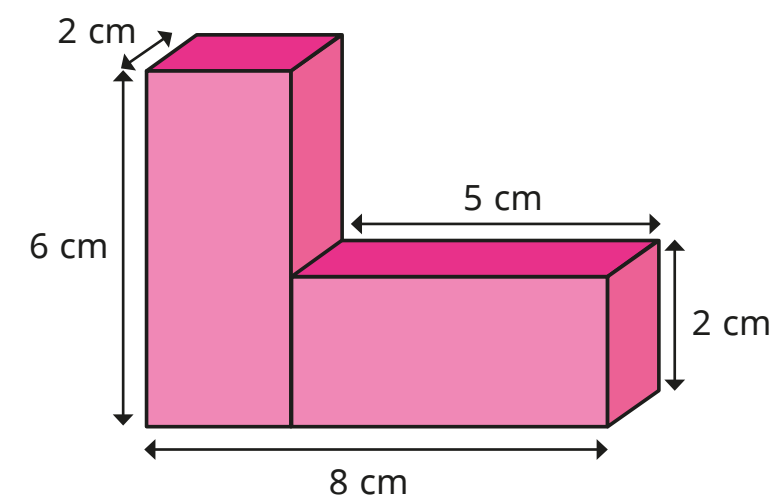
cm^3

What do you notice?

- 8 Draw two different cuboids that have a volume of 24 cm^3



- 9 Calculate the volume of the compound shape.



cm^3

Was there another method you could have used?

