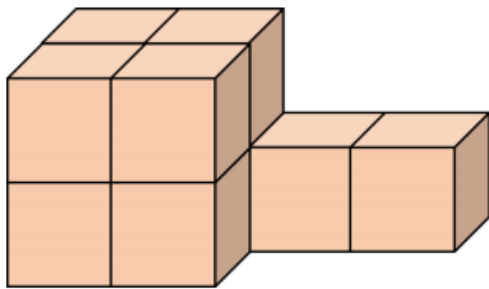


Amir says he will need 8 cm^3 to build this shape.

Dora says she will need 10 cm^3 .



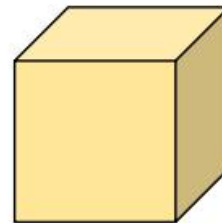
Who do you agree with?

Explain why.

Rosie says,



You can't calculate the volume of the cube because you don't know the width or the height.

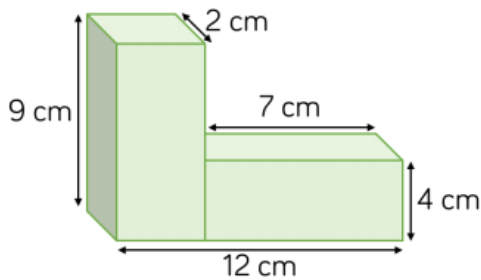


2 cm

Do you agree?

Explain why.

Calculate the volume of the shape.



How many different ways can you make a cuboid with a volume of 48 cm^3 ?

Tommy is making cubes using multilink. He has 64 multilink cubes altogether.

How many different sized cubes could he make?

He says,



If I use all of my multilink to make 8 larger cubes, then each of these will be 2 by 2 by 2.

How many other combinations can Tommy make where he uses all the cubes?

