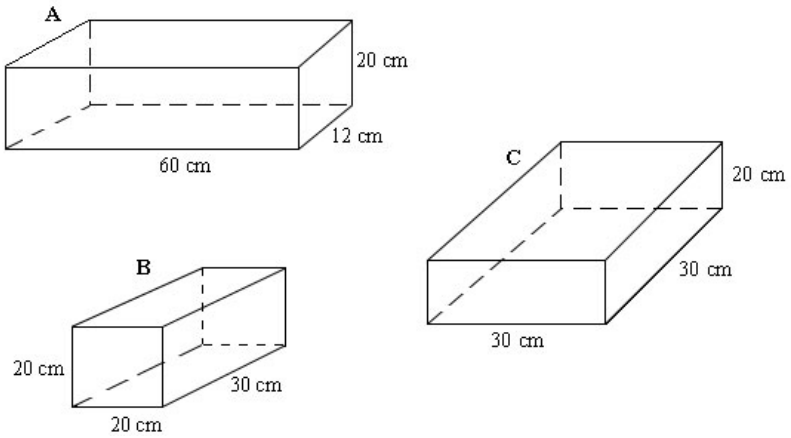
Cuboid fish tanks

This task is about working out the volume of different cuboids given the height, length and width.



Find the volumes of the fish tanks marked A, B, and C.

a)

Tank **A**: _____ cm^3 Tank **B**: _____ cm^3 Tank **C**: _____ cm^3

How many millilitres of water would each of the three tanks hold?

b)

Tank **A**: _____ ml Tank **B**: _____ ml Tank **C**: _____ ml

Which **two** tanks could be filled to the top from a bucket holding 29 litres of water without overflowing?

c)i)

Tanks _____ and _____

Providing there were no spills, how much water would be left in the bucket after the two tanks had been filled?

ii)

_____

d)i) If the volume of water from each tank was tipped into a bigger bucket that weighed 1 kg when empty, what would this bucket weigh with all the water in it?

(**A**) Less than 50 kg
(**B**) Between 51 kg and 60 kg
(**C**) Between 61 kg and 70 kg
(**D**) More than 70 kg

Explain how you worked out your answer. Show your working.

ii) _____

_____