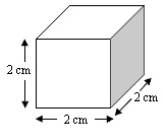
Holding millilitres

This task is about volume and capacity.

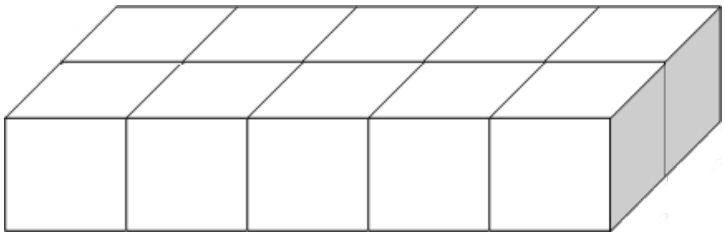


1 litre = 1 000 cm^3
1 ml = 1 cm^3

a) A plastic cube measures 2 cm by 2 cm by 2 cm. How many **millilitres** (ml) of water will it take to fill the cube?

(**A**) 2 (**B**) 3 (**C**) 6 (**D**) 8 (**E**) 16

(**F**) None of these. The cube will hold _____ millilitres.

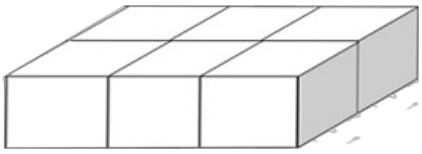


[Not drawn to scale]

b) An ice tray has 10 compartments. Each compartment measures 3 cm by 3 cm by 3 cm. How many **millilitres** of water will it take to fill the ice tray?

(**A**) 9 (**B**) 27 (**C**) 37 (**D**) 90 (**E**) 270

(**F**) None of these. The ice tray will hold _____ millilitres.



[Not drawn to scale]

c) A mould for home-made ice-blocks has 6 compartments. Each compartment measures 2 cm by 3 cm by 5 cm.

i) How many millilitres of water will it take to fill the mould?

(**A**) 10 (**B**) 30 (**C**) 60 (**D**) 180 (**E**) 300

(**F**) None of these. The mould will hold _____ millilitres.

ii) How many millilitres will be left from a full 1 litre jug after it has filled the mould?

_____ ml

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