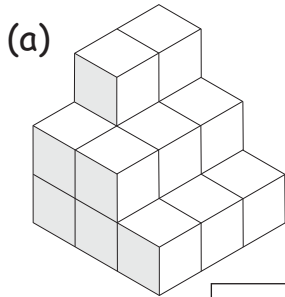


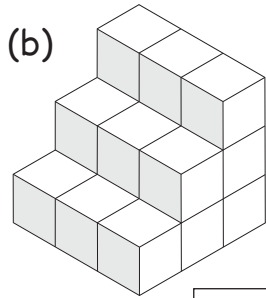
# VOLUME

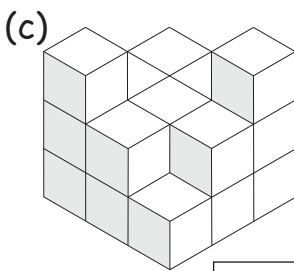
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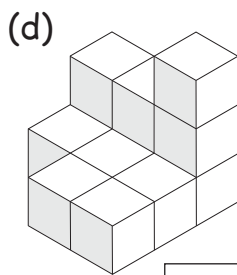
# 26

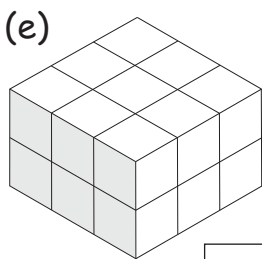
1. How many small cubes are in each of the following objects.

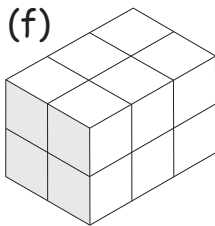


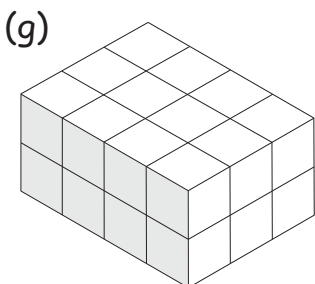


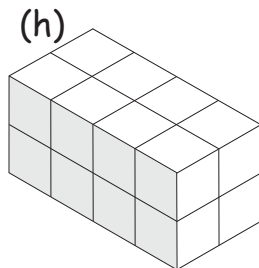




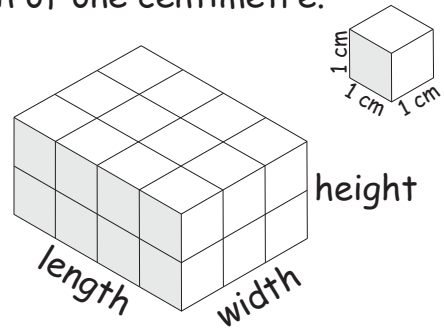









2. The block shown below is made using small cubes that have a side length of one centimetre.



(a) State the length, width and height (in centimetres) of the block.

length	width	height

(b) State the length, width and height of two different blocks that could be made using **all** these cubes.

length	width	height

3. State the number of cubes with side length of one centimetre that would be needed to make blocks with the following sizes.

length	width	height	number of 1 cm cubes
2 cm	2 cm	5 cm	
4 cm	5 cm	10 cm	

4. A crate used to carry milk cartons holds 16 one litre cartons or 9 two litre cartons.

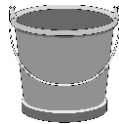
Circle which would be heavier.

16  
one litre  
cartons

9  
two litre  
cartons

5. Circle the alternative which is the best estimate of the following volumes.

(mL = millilitres L = litres)



- (a) The capacity of a household bucket.

A 10 mL B 100 mL C 10 L D 100 L

- (b) The capacity of a car's petrol tank.

A 500 mL B 5 L C 50 L D 500 L

- (c) A scoop of ice-cream.

A 1 mL B 10 mL C 100 mL D 1 L

- (d) The capacity of a drinking glass.

A 1 mL B 5 mL C 10 mL D 200 mL

- (e) The amount of blood in the body.

A 5 mL B 50 mL C 500 mL D 5L

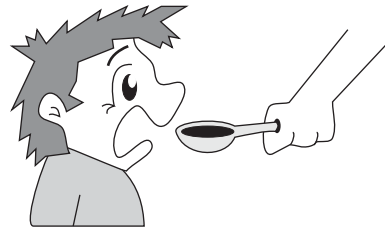
- (f) The volume of a basketball.

A 7 L B 22 L  
C 54 L D 73 L



6. Quinton has to take 10 millilitres of medicine every morning and night. The bottle of medicine contains 200 millilitres.

How many days will Quinton be taking medicine if he has to finish the bottle?



7. (a) Circle the correct answer in the following sentence.

There are  10  100  1000 millilitres in one litre.

(b) Complete the following conversions by filling in the gaps.

(i) 2 litres = \_\_\_\_\_ millilitres

(ii)  $\frac{1}{2}$  litre = \_\_\_\_\_ millilitres

8. It is recommended that people should drink at least one litre of water every day.

(a) If a glass contains 200 millilitres,



how many glasses of water should you drink each day?

(b) Alice is having a party. She expects 10 people to be at the party and that each person will have four glasses of drink.

How many two litre bottles of drink will she need?