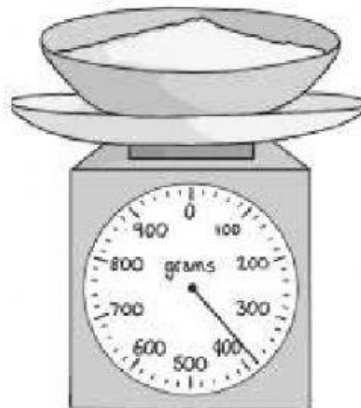
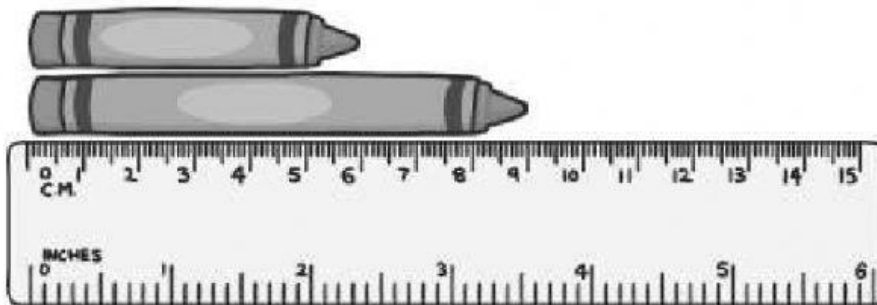


Mathematics Year 6 quiz
Metric Measurement (Length, Weight, Capacity) Quarter 3

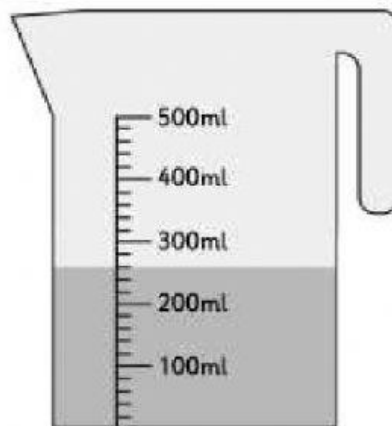
- 1) Tom is baking a cake. The recipe needs 500 grams of sugar. How many more grams does he need?

 g

- 2) How many centimetres longer is the second crayon?

 cm

- 3) Adil pours out 80ml of water. How much water is left in the jug?

 ml

- 4) Use $>$, $<$ and $=$ to compare these measurements.

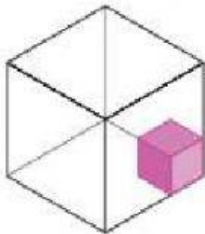
50mm 0.5m

100mm 10cm

0.9kg 899g

1l 1000ml

- 5) This cube has a volume of 1cm^3 : 



Estimate the total volume of the larger cube shape in cm^3 .

cm^3

- 6) Calculate the missing measurements.

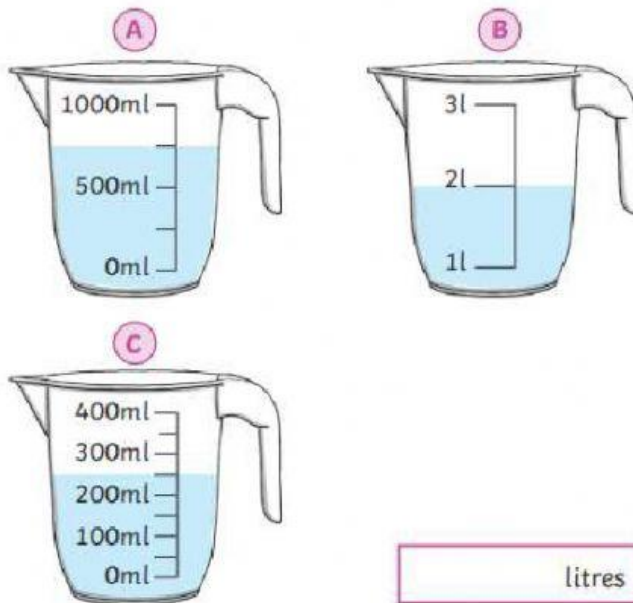
a) not to scale



area = cm^2 area = 72cm^2

- b) Which shape has the greater area and by how much?

- 7) The water in these measuring jugs is poured into a bowl. Calculate the total volume of water in the bowl in litres.



- 8) Circle the capacity that best matches each object.



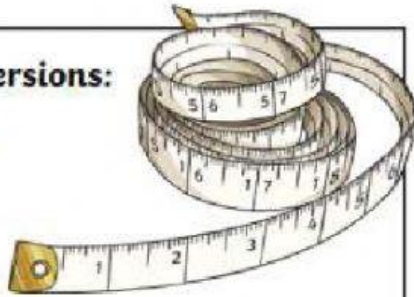
9) Converting Length, Mass and Volume

Length Conversions:

$$1\text{km} = 1000\text{m}$$

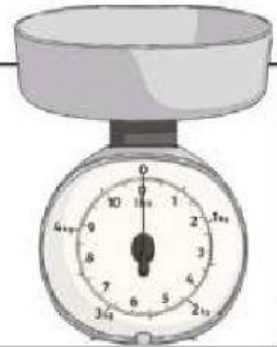
$$1\text{m} = 100\text{cm}$$

$$1\text{cm} = 10\text{mm}$$



Mass Conversions:

$$1\text{kg} = 1000\text{g}$$



a. $4\text{km} =$ m

b. $3.45\text{km} =$ m

c. $8.21\text{m} =$ cm

a. $7\text{kg} =$ g

b. $9\text{kg} =$ g

c. $3.489\text{kg} =$ g

Volume Conversions:

$$1\text{l} = 1000\text{ml}$$



a. $3\text{l} =$ ml

b. $8\text{l} =$ ml

c. $1.133\text{l} =$ ml