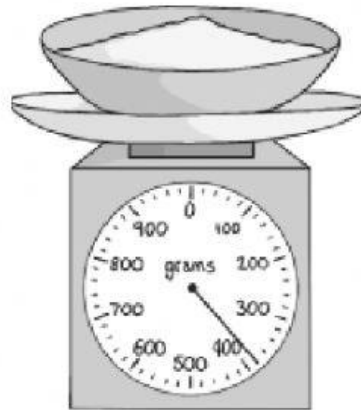


Mathematics Year 6 quiz
Metric Measurement (Length, Weight, Capacity) Quarter 3

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



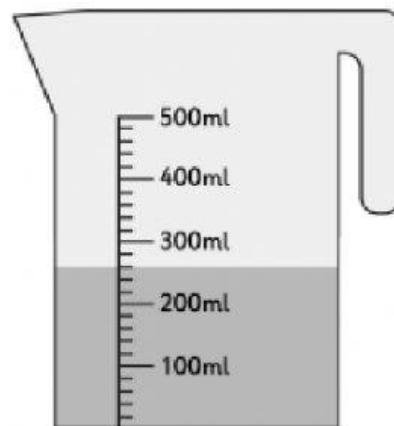
g

- 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

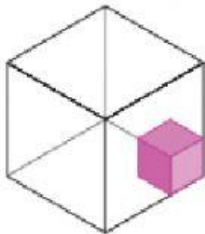
- 4) Use $>$, $<$ and $=$ to compare these measurements.

$50\text{mm} \quad \square \quad 0.5\text{m}$

$100\text{mm} \quad \square \quad 10\text{cm}$

$0.9\text{kg} \quad \square \quad 899\text{g} \qquad 1\text{l} \quad \square \quad 1000\text{ml}$

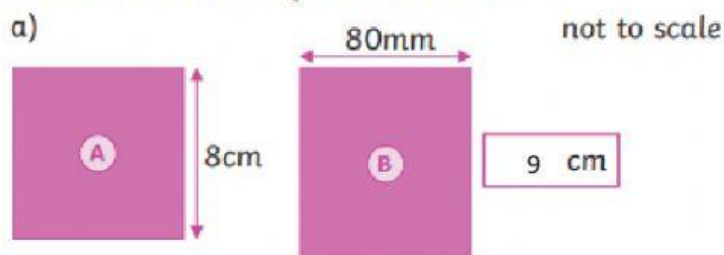
- 5) This cube has a volume of 1cm^3 : 



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

cm^3

- 6) Calculate the missing measurements.

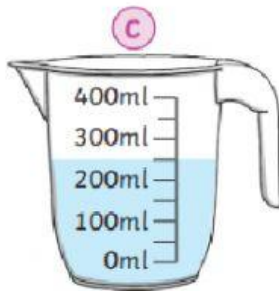
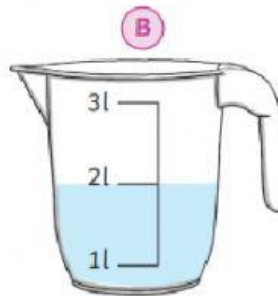
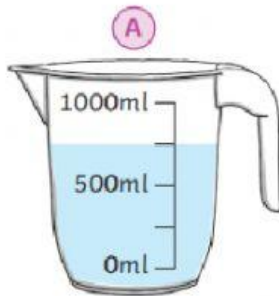


area = cm^2 area = 72cm^2

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

by _____ cm

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

 litres

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

Write the answer in the box.

10ml  1000ml

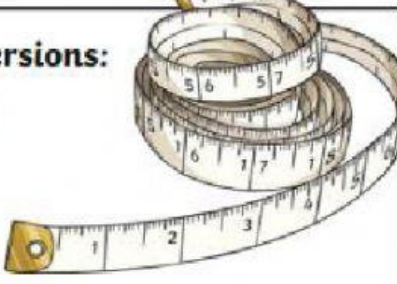
3000ml  0.3l

150l  1.5l

9) Converting Length, Mass and Volume


Length Conversions:

1km = 1000m
 1m = 100cm
 1cm = 10mm



Mass Conversions:

1kg = 1000g



a. 4km = m

b. 3.45km = m

c. 8.21m = cm


a. 7kg = g

b. 9kg = g

c. 3.489kg = g

Volume Conversions:

1l = 1000ml



a. 3l = ml

b. 8l = ml

c. 1.133l = ml