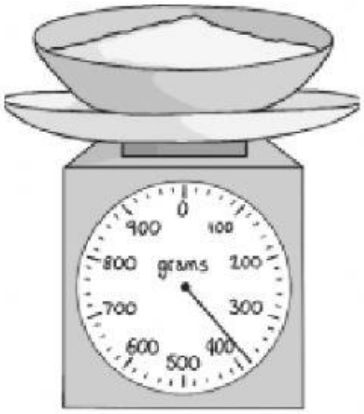
SPH
SEKOLAH PELITA HARAPAN

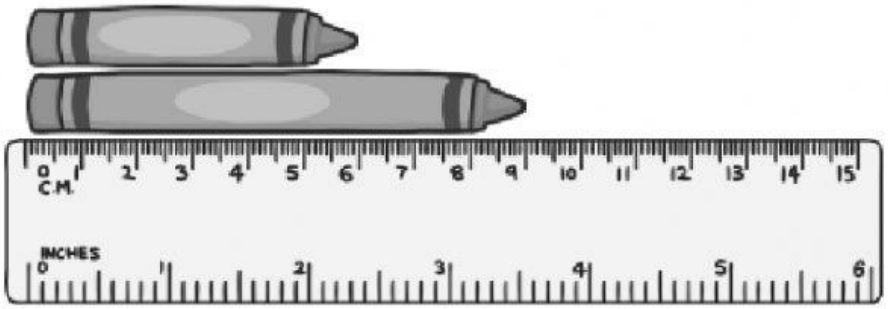
Mathematics Year 6 quiz
Metric Measurement (Length, Weight, Capacity) Quarter 3

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



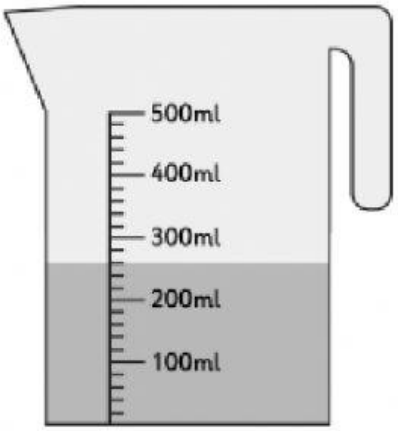
_____ g

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

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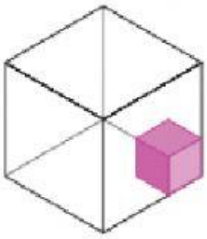
4) Use > , < and = to compare these measurements.

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?

by cm

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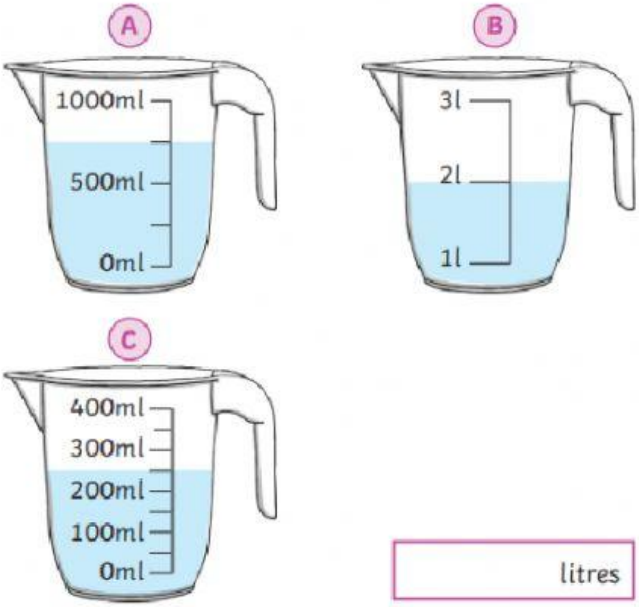
7) The water in these measuring jugs is poured into a bowl. Calculate the total volume of water in the bowl in litres.



litres

8) Circle the capacity that best matches each object.

Write the answer in the box.

10ml  1000ml

3000ml  0.3l

150l  1.5l

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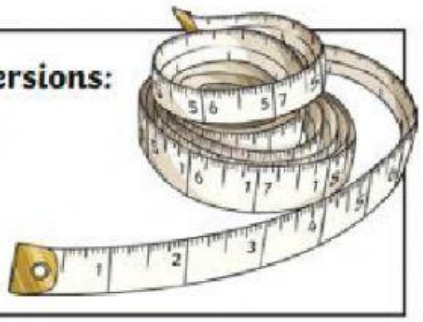
9) Converting Length, Mass and Volume

Length Conversions:

1km = 1000m

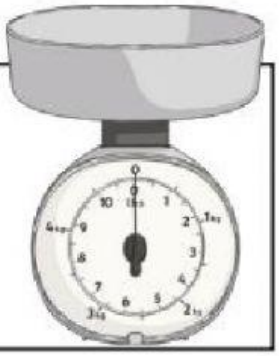
1m = 100cm

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