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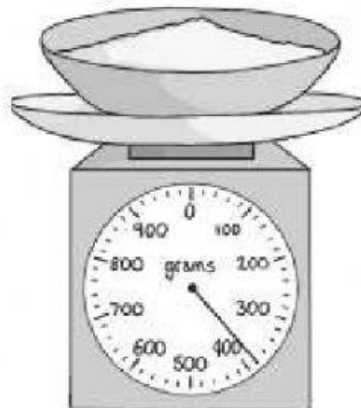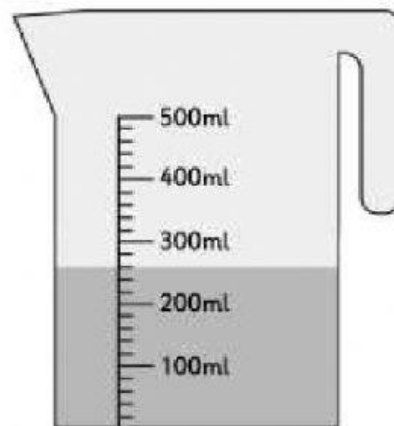
g

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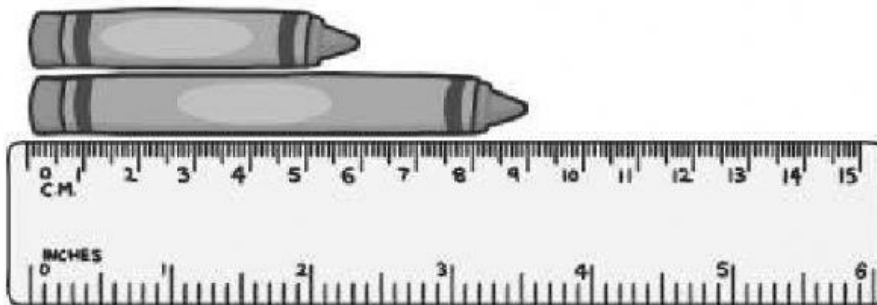
cm

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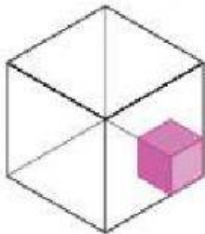
ml

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

50mm [ ] 0.5m

100mm [ ] 10cm

0.9kg [ ] 899g   1l [ ] 1000ml

5) This cube has a volume of 1cm³:

Estimate the total volume of the larger cube shape in cm³.

[ ] cm³

6) Calculate the missing measurements.

a)

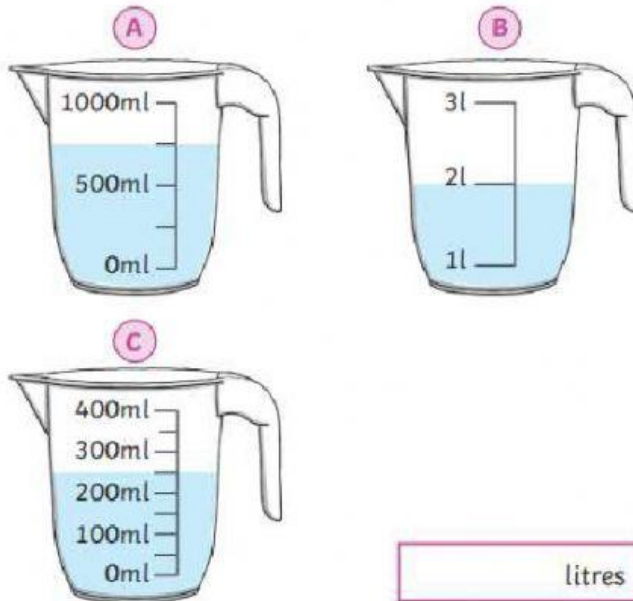80mm   not to scale

A   8cm

B   [ ] cm
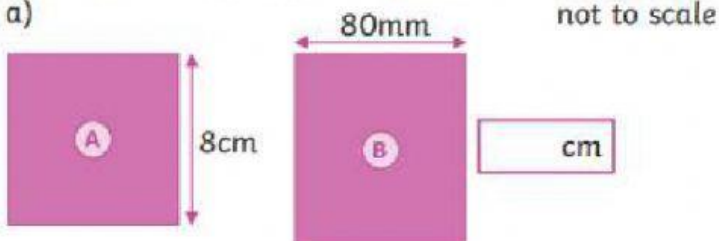
area = [ ] cm²   area = 72cm²

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.

A

1000ml
500ml
0ml

B

3l
2l
1l

C

400ml
300ml
200ml
100ml
0ml

litres

8) Circle the capacity that best matches each object.

10ml   1000ml

3000ml   0.3l

150l   1.5l

LIVEWORKSHEETS

9) Converting Length, Mass and Volume

Length Conversions:

1km = 1000m

1m = 100cm

1cm = 10mm
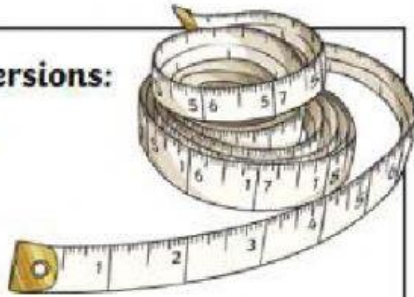
Mass Conversions:

1kg = 1000g
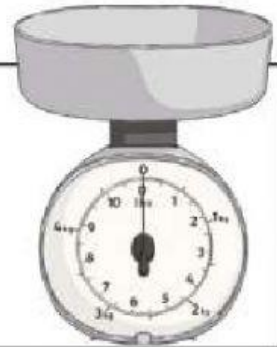
a. 4km = [   ] m

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