

L1 and L2 in Decimal and metrics Test

Name: _____

Fill in the blanks:

Metric unit conversion:

Metres Summary Sheet

1cm	_____mm
1m	_____cm
1km	_____m

1) 100cm = _____m

2) 250cm = _____m

3) 125cm = _____m

4) 4.5m = _____cm

5) 1.25m = _____cm

6) 10mm = _____cm

7) 45mm = _____cm

8) 12300mm = _____m

9) 1000m = _____km

10) 2.5km = _____m

Weight Summary Sheet

1g	_____mg
1kg	_____g
1T	_____kg

1) 2g = _____mg

2) 500g = _____kg

3) 3kg = _____g

4) 250g = _____kg

5) 3.5kg = _____g

6) 3g = _____mg

7) 2T = _____kg

8) 35000kg = _____T

9) 400T = _____kg

10) 120kg = _____T

Liquid Summary Sheet

1L	_____ml
1cl	_____ml
1L	_____cl

1) 2L = _____ml

2) 500ml = _____L

3) 3cl = _____ml

4) 250ml = _____L

5) 7.5L = _____ml

6) 4.25L = _____ml

7) 37ml = _____cl

8) 25ml = _____cl

9) 12L = _____cl

10) 35.7L = _____cl

Scenario based Questions

- 1) Your house is 4759 metres from the shop, how far is this to the nearest kilometre?

_____ Km

- 2) A paper carrier bag can hold 1.75kg of shopping, will 2 bags be enough for your shopping?

Shopping List

Sugar	800g
Flour	0.5kg
Bread	250g
Cereal	1.25kg
Soap	150g

True ☐

False ☐

- 3) An athlete is recording how much water they drink in a week as so:

Water Record

Monday	2.5L
Tuesday	750ml
Wednesday	750ml
Thursday	2.5L
Friday	90.5cl
Saturday	1.2L
Sunday	2000ml

Their coach has set the target for amount of water consumed in a week at 9 Litres,

Did the athlete under or overachieve this target amount? Explain your answer

Exam Questions

Flour comes in bags of 1.5kg.

Sugar comes in bags of 1kg.

Shortbread recipe

300g plain flour

200g butter

100g sugar

The recipe makes 24 pieces of shortbread.

Fay measured out 1.6kg of butter.

1a) If Fay wants to make as many shortbreads as possible.

How many bags of plain flour will she need?

(3 marks)

Show your working and explain your answer.

1b) How many pieces of shortbread did Fay make?

(2 marks)

1c) How much of each ingredient is required for 360 pieces of shortbread?

(3 marks)

Plain Flour	kg
Butter	kg
Sugar	kg

Buying cards:

Card comes in the following sizes:

Size	Width	Length
A1	594mm	841mm
A2	420mm	594mm
A3	297mm	420mm
A4	210mm	297mm
A5	148mm	210mm

2a. What is the width and length of the A2 card in centimetres?

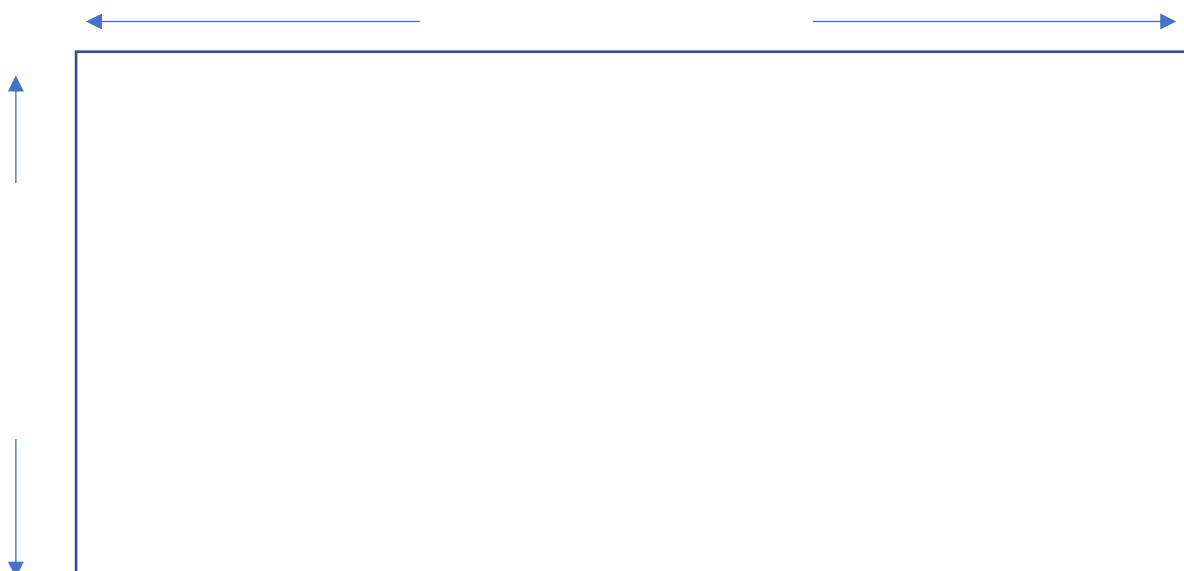
Show your working.

(1 mark)

2b. A photographer is creating a collage that is at least 1.5 metres in width and 2.5 metres in length. What is the minimum number of A2 pictures needed to cover it?

Show your working.

(5 mark)



Jane bakes scones each morning at Ella's Café.

She uses baking trays measuring 0.5m by 0.4m.

She cuts circular scones from the unbaked dough using a cutter of diameter 5cm.

The diameter of the scones can increase by up to 10% during baking.

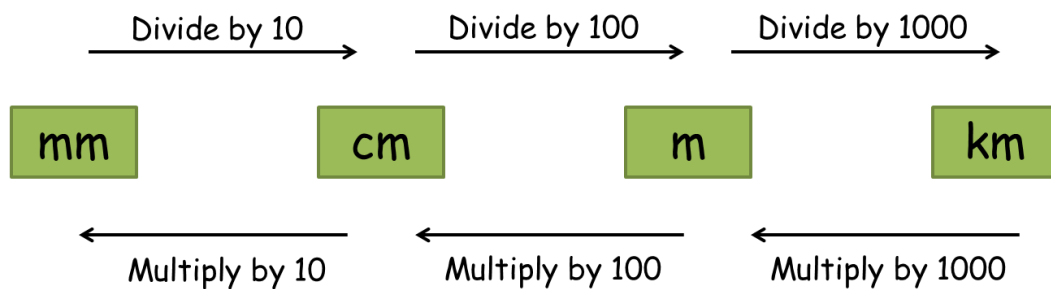


No further allowance needs to be made when spacing the scones out on the tray.

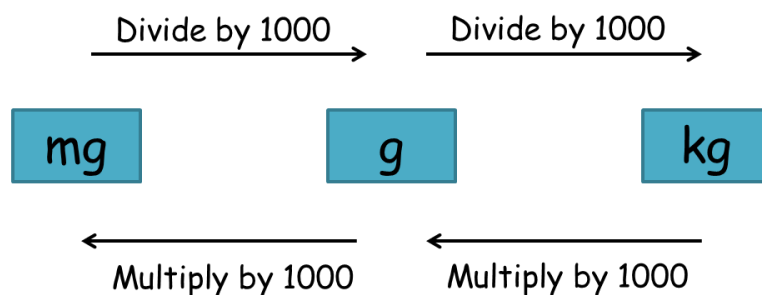
1d How many scones can Jane fit on one baking tray? **(5 marks)**

Show your working clearly below using sketches if necessary.

Converting length



Converting Weight



Converting Liquid / Capacity

