

Miss Robinson's  
Maths Group  
Homework  
Week 5

Remember to set your work out clearly and write in pencil.

Please try all questions.

Please DO NOT print any of this homework. Write answers directly into your Homework Book and include any working out.

## Arithmetic Warm Up

LI: to know the effect of multiplying and dividing by 10, 100 and 1000

eg)  $2.45 \times 100 = 245$

1)  $2354 \div 100 = 23.54$

2)  $52.041 \times 10 = 520.41$

3)  $3354 \div 1000 = 3.354$

4)  $0.258 \times 1000 = 258$

Let's revise equivalence of measures.  
Think about the *base 10* equivalents

How many .....

\_\_\_\_\_g in 1kg

\_\_\_\_\_ ml = 1L

\_\_\_\_\_cm in 1m

Are there any conversions I  
have forgotten?

\_\_\_\_\_mm in 1cm

\_\_\_\_\_m in 1km

# What time do the following clocks say?

1

Convert **5.65km** to metres.

 m

Convert **35.5cm** to metres.

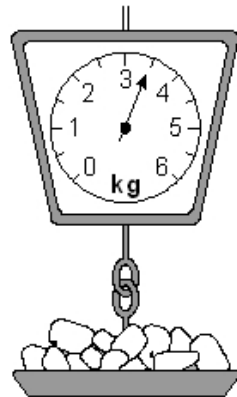
 m

2

This table shows the weight of some fruits and vegetables.

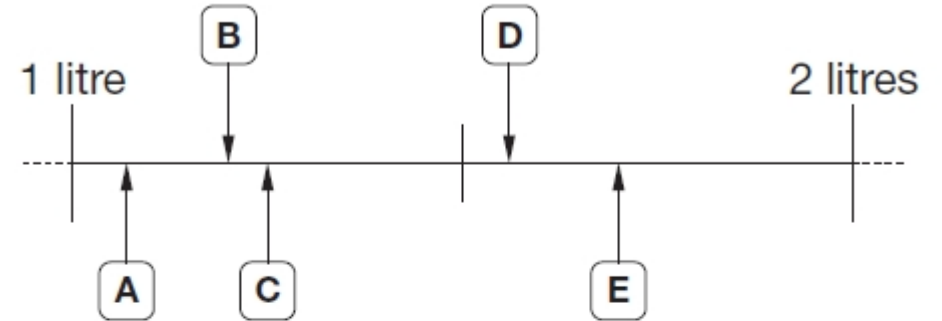
Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples		1.2
grapes	3500	
ginger		0.03



3

Here are five letters on a scale.



Match each letter to one of the capacities in the list below.

1200 ml

1.7 l

$1\frac{1}{4}$  l

1560 ml

1.07 l

This week we have been working on longer multiplication.  
Think about the steps we have taken to complete these.

Example:  $6\,325 \times 49 =$

Step 1 - estimate the answer using rounding.  $6\,000 \times 50 = 300\,000$

Step 2 – set you question out and label the partitions

$$\begin{array}{r} 6\,325 \\ \times 49 \\ \hline \end{array}$$

$$(6\,325 \times 9)$$

$$(6\,325 \times 40) \rightarrow \text{what do all multiples of 40 end with?}$$

Step 3 – is your answer relatively close to your estimate?

Complete the following using the method shown:

1)  $6\,024 \times 15 =$

2)  $5\,421 \times 21 =$

3)  $9\,001 \times 16 =$

4)  $8\,512 \times 25 =$

One final question in context.

A local football team has an average crowd of 9 923 each month.

On average, how many people will have seen them in play in a year?

Remember to bring any questions about the work into Monday's lesson.

Have a lovely weekend!