

SCOTAID 2
NUMBER, MONEY AND MEASUREMENT



Name Kevin McGowan Date 28/02/00

MATHEMATICS

M8C3N2

SCOTAID 2

1. Ella is a village primary teacher in Uganda.

Here is how Ella spends most of her days:

5.00 am	gets up
5.30 am	works on her plot of land
7.30 am	makes the breakfast
8.00 am	arrives at school
2.00 pm	school finishes
2.15 pm	makes lunch
3.00 pm	goes to market
5.00 pm	makes blankets and baskets to sell
6.30 pm	cooks supper
9.00 pm	goes to bed

- a. What is Ella doing at 6 o'clock in the morning?

ANSWER: Makes Blankets and baskets X

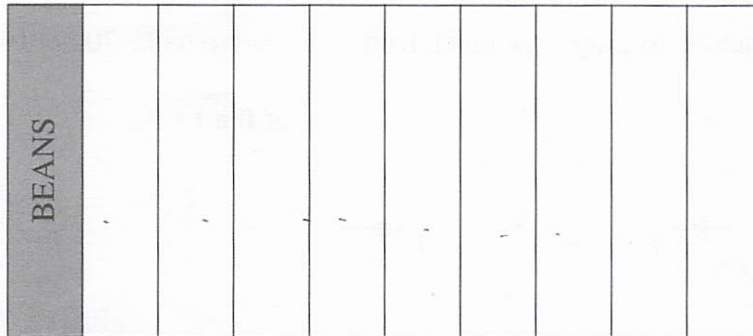
- b. How many hours is Ella at school?

ANSWER: 6 hours



2. Ella grows vegetables, beans, bananas, coffee, maize and passion fruit.

Here is a diagram of Ella's plot.



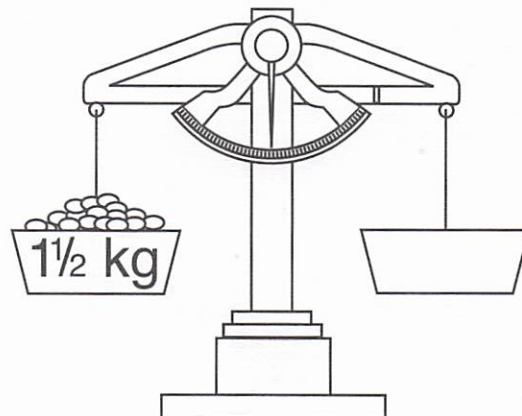
- a. What fraction is used for beans?

ANSWER: $\frac{1}{10}$ ✗

- b. $\frac{1}{5}$ of the plot is used for coffee. ✗

Shade $\frac{1}{5}$ of the plot.

3. Ella picks $1\frac{1}{2}$ kg of coffee beans from a bush.



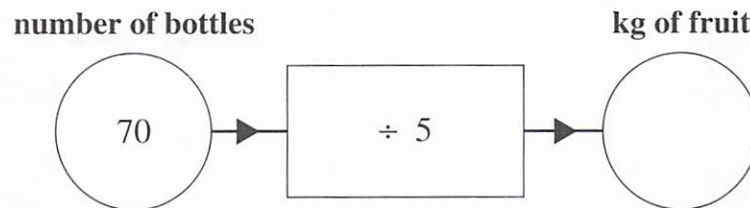
Tick the weights used to balance the coffee beans.

50 g	100 g	500 g	1000 g
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4. Margaret and Julie make fruit squash.

It takes 1 kg of passion fruit to make 5 bottles of fruit squash.

Complete the function machine to show how much fruit is needed to make 70 bottles.



5. Margaret and Julie make 70 bottles each week.

How many bottles do they make in 8 weeks?

ANSWER: 140 bottles ✓

6. Ella goes to the market to buy oil, salt and soap.
The table shows the cost of each item.

oil	58	Ugandan shillings
salt	23	Ugandan shillings
soap	87	Ugandan shillings

$$\begin{array}{r} 204 \\ 1310 \\ \times 168 \\ \hline 872 \end{array} \quad \checkmark$$

Ella has 204 Ugandan shillings in her purse.

How much money has she left after paying her bill?

SHOW YOUR WORKING.

ANSWER: 72 Ugandan shillings *CORRECT USING INFO*

7. One class sets a target of £400 for fund raising over the year.

The class raises $\frac{1}{4}$ of the target in Term 1.

In Term 2 the class raises £165.

How much does the class need to raise in Term 3 to meet its target?

SHOW YOUR WORKING.

ANSWER: £ _____

8. As a final fund raising effort, the school holds a summer disco.

Disco tickets cost £2 each. 158 tickets are sold.

How much money is taken in ticket sales?

ANSWER: £ 316 £

