

Here are the ingredients needed to make 16 gingerbread men.

Ingredients
to make **16** gingerbread men

160 g flour	80g
40 g ginger	20g
110 g butter	55g
30 g sugar	15g

Hamish wants to make 24 gingerbread men. Work out how much of each of the ingredients he needs.

$$24 = 16 + 8$$

$80 + 160$	240	g flour
$20 + 40$	60	g ginger
$110 + 55$	165	g butter
$15 + 30$	45	g sugar

(3)

Here is a list of ingredients to make melon sorbet for **6** people.

Melon Sorbet	
for 6 people	
800 g	melon
4	egg whites
$\frac{1}{2}$	lime
100 g	caster sugar

$$\times 3 = 18 \text{ people}$$

Terry makes melon sorbet for 18 people.

a) Work out how much caster sugar he uses.

$$3 \times 100 = 300$$

$$\underline{\quad 300 \quad} \text{ g}$$

(2)

Hedley makes melon sorbet. He uses 2 limes.

b) Work out how many people he makes melon sorbet for.

$$\frac{1}{2} = 6 \text{ so } 1 \text{ lime} = 12$$

$$2 \text{ lime} = 24$$

$$\underline{\quad 24 \text{ people} \quad}$$

(2)

Here are the ingredients needed to make 12 shortcakes.

Shortcakes
 (makes 12 shortcakes)

50 g of sugar
 200 g of butter
 200 g of flour
 10 ml of milk

Liz makes some shortcakes. She uses 25 ml of milk.

a) How many shortcakes does Liz make?

$$\begin{aligned} 10\text{ml} &= 12\text{cakes} \\ 5\text{ml} &= 6\text{cakes} \end{aligned}$$

$$\begin{aligned} 25\text{ml} &= 12 + 12 + 6 \\ &= \underline{30\text{cakes}} \end{aligned}$$

(2)

Robert has

500 g of sugar	= 10 batches of cakes
1000 g of butter	= 5 batches
1000 g of flour	= 5 batches
500 ml of milk	= 50 batches

b) Work out the greatest number of shortcakes Robert can make.

So the greatest number of batches that can be made is 5

$$5 \times 12 = 60\text{cakes}$$

(2)

The table shows the ingredients needed to make vegetable soup for 4 people.

Vegetable soup (serves 4 people)	
Vegetables	600 g
Stock	400 ml
Oil	3 tablespoons
Garlic	2 cloves

1 person
150
100
3/4 tablespoon
1/2 clove.

- a) What weight of vegetables is needed to make vegetable soup for 3 people?

$$150 \times 3 = 450g$$

(1)

- b) How many tablespoons of oil are needed to make vegetable soup for 6 people?

$$= 4 \frac{1}{2} \text{ tablespoons}$$

(1)

- c) Matt has only 1 litre of stock. He has plenty of other ingredients. What is the maximum number of people he can make vegetable soup for?

$$400 \text{ ml} = 4$$

$$800 \text{ ml} = 8$$

$$200 \text{ ml} = 2.$$

(2)

$$1 \text{ litre} = 10 \text{ people.}$$