1

[Extra]

Here is a recipe for pasta sauce.

Pasta sauce

300g   tomatoes

120g   onions

75g   mushrooms
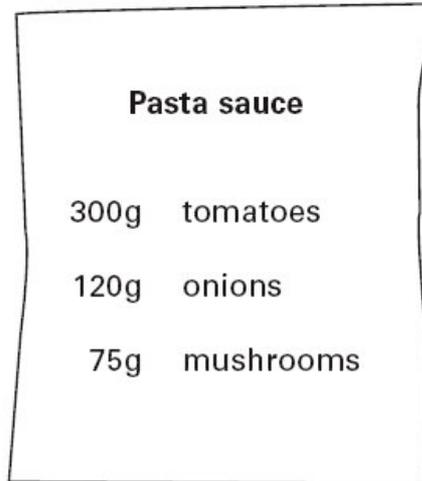
Josh makes the pasta sauce using 900g of tomatoes.

What weight of onions should he use?

g

[1 mark]

2

[Extra]

Here are the ingredients for
fish pie for two people.

Fish pie
(for 2 people)
250 g fish
400 g potato
25 g butter
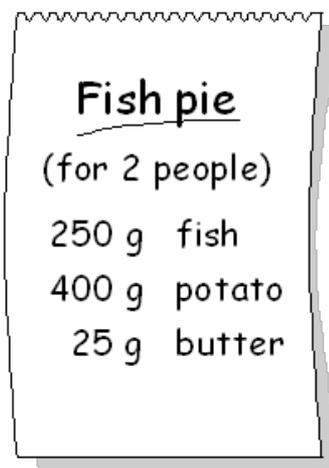
Omar makes fish pie for 3 people.

How many grams of fish should he use?

g

[1 mark]

3

Chen is cooking some pasta.

The recipe says he needs 350 grams of pasta for 4 people.

How many **kilograms** of pasta does he need for **12 people**?

Show your method

[2 marks]

4

Shortcrust pastry is made using flour, margarine and lard.

The **flour, margarine** and **lard** are mixed in the ratio

   8 : 3 : 2 by weight.

How many grams of **margarine** and **lard** are needed to mix with **200 grams** of flour?

margarine [   ] g   lard [   ] g

[2 marks]

5

Here are the ingredients for chocolate ice cream.

cream	400 ml
milk	500 ml
egg yolks	4
chocolate	120 g
sugar	100 g

Stefan has only 300ml of cream to make chocolate ice cream.

How much **chocolate** should he use?

Show your method

[2 marks]

6

Sapna makes a fruit salad using bananas, oranges and apples.

For every one banana, she uses 2 oranges and 3 apples.

Sapna uses 24 fruits.

How many oranges does she use?

Show your method

[2 marks]

7 [2015] This is Kirsty's recipe for breakfast cereal.

50 grams of oats
30 grams of raisins
40 grams of nuts

If she uses 125 grams of oats, how many grams of raisins does she need?

Show your method

[2 marks]

8 [Extra] Here is a recipe for fruit squash.

Oranges (chopped)	300 g
Lemonade	1500 ml
Orange juice	750 ml
Makes enough for 6 people	

Trina wants to make enough squash for 10 people.

How many millilitres of lemonade will she need?

Show your method

[1 mark]

Here are the ingredients for a cordial used to make a drink.

> 50g ginger
>
> 1 lemon
>
> 1.5 litres of water
>
> 900g sugar

Jenny is going to make this cordial with **25g** of ginger.

How much lemon, water and sugar should she use?

> 25g ginger
>
> ………… lemon
>
> ………… litres of water
>
> ………g sugar

The finished drink should be $\frac{1}{3}$ **cordial** and $\frac{2}{3}$ **water**.

Jenny puts **100 ml** of cordial in a glass.

How much water should she put with it?

ml

[2 marks]

Here is a recipe for raspberry ice cream.

raspberry ice cream for 8 people
$\frac{1}{2}$ litre of cream
1kg raspberries
250g sugar

This recipe is for **8 people**.

Josie makes enough raspberry ice cream for **12 people**.

How much **cream** does she use?

litre

Fred makes raspberry ice cream in the same way.

He uses $2\frac{1}{2}$ **kg** of **raspberries**.

How much **sugar** does he use?

Show your method

[3 marks]

The table shows a recipe for a fruit drink.

Type of juice	Amount
Orange	$\frac{1}{2}$ litre
Cranberry	$\frac{1}{3}$ litre
Grape	$\frac{1}{6}$ litre
Total	1 litre

I want to make **1$\frac{1}{2}$ litres** of the same drink.

Complete the table below to show how much of each type of juice to use.

Show your working.

Type of juice	Amount
Orange	litre
Cranberry	litre
Grape	litre
Total	1$\frac{1}{2}$ litres

[2 marks]

Here is a recipe for fruit smoothies.

Recipe

10 strawberries
$\frac{1}{2}$ litre of orange juice
250ml yogurt
1 banana

Makes two smoothies

Stefan uses the recipe to make smoothies.
He uses 1 litre of yogurt.

How many strawberries does he use?

Amir uses the same recipe.

He wants to make 5 smoothies.
He has 1 litre of orange juice.

How many **more** millilitres of orange juice does he need?

Show your method

[3 marks]