GENMATHS RESOURCES

1) The ingredients needed for 6 pancakes are shown below.

Ingredients for 6 Pancakes
120 g flour
2 eggs
240 ml milk

a. Work out the ingredients needed for 12 pancakes.
b. Work out the ingredients needed for 18 pancakes.
c. Work out the ingredients needed for 24 pancakes.

2) The ingredients needed for 4 smoothies are shown below.

Ingredients for 4 Smoothies
2 bananas
400 ml orange juice
200 g yoghurt

a. Work out the ingredients needed for 2 smoothies.
b. Work out the ingredients needed for 1 smoothie.
c. Work out the ingredients needed for 3 smoothies.

3) The ingredients needed for 8 brownies are shown below. Work out the ingredients needed for 20 brownies.

Ingredients for 8 Brownies
160 g flour
200 g sugar
120 g butter
2 eggs

4) The ingredients needed for 10 cupcakes are shown below. Work out the ingredients needed for 25 cupcakes.

Ingredients for 10 Cupcakes
200 g self-raising flour
100 g butter
150 g sugar
2 eggs
50 ml milk

5) The ingredients needed for 5 servings of pasta salad are shown below. Work out the ingredients needed for 15 servings.

Ingredients for 5 Servings
300 g pasta
150 g tomatoes
100 g feta cheese
50 g olives

6) The ingredients needed for 12 muffins are shown below.

Ingredients for 12 Muffins
240 g flour
180 g sugar
120 g butter
3 eggs

Bernie has the following ingredients:
600 g flour
360 g sugar
180 g butter
6 eggs

Work out the greatest number of muffins Bernie can make.

7) The ingredients needed for 6 fruit tarts are shown below.

Ingredients for 6 Fruit Tarts
180 g flour
90 g butter
60 g sugar
300 g fruit

Isabella made some fruit tarts, using 630 g of flour. Work out how many fruit tarts Isabella made.

8) The ingredients needed for 8 bagels are shown below. Work out the ingredients needed for 5 bagels.

Ingredients for 8 Bagels
400 g flour
15 g yeast
10 g salt
250 ml water

9) The ingredients needed for 18 biscuits are shown below. Work out the ingredients needed for 40 biscuits.

Ingredients for 18 Biscuits
270 g flour
180 g butter
90 g sugar

10) The ingredients needed to make 24 brownies are shown below.

Ingredients for 24 Brownies
240 g flour
180 g sugar
120 g butter
3 eggs

Amira wants to make 36 brownies. Given she has the following ingredients, work out how much more of each ingredient she needs.
300 g flour
200 g sugar
100 g butter
2 eggs

11) To make 1 litre of berry smoothie, ingredients are needed in the ratio

Strawberries : Blueberries : Milk
3 : 2 : 5

Abdullah accidentally mixes 450 ml strawberries, 200 ml blueberries, and 250 ml milk.

Is the smoothie mixture in the correct proportion? If not, how much more of each ingredient does he need to add to make it correctly balanced?

12) Lena is baking a sponge cake for a party. The recipe says she needs the following amounts per 8 people:
160 g flour
120 g sugar
2 eggs

Unfortunately, Lena only has 9 eggs left at home.

What is the maximum number of people she can bake for? How much flour and sugar will she need?