

Q1 june 2018

- 8 3 kg of meat costs £54
Nina buys 2 kg of the meat.

Work out how much Nina pays.

£

(Total for Question 8 is 2 marks)

Q2 june 2019

23 Deon needs 50 g of sugar to make 15 biscuits.

She also needs

three times as much flour as sugar

two times as much butter as sugar

Deon is going to make 60 biscuits.

(a) Work out the amount of flour she needs.

..... g
(3)

Deon has to buy all the butter she needs to make 60 biscuits.

She buys the butter in 250 g packs.

(b) How many packs of butter does Deon need to buy?

.....
(2)

(Total for Question 23 is 5 marks)

18 Here is a list of ingredients for making 10 scones.

Ingredients for 10 scones	
75 g	butter
350 g	self-raising flour
40 g	sugar
150 ml	milk
2	eggs

Mia wants to make 25 scones.

Work out how much sugar she needs.

..... g

(Total for Question 18 is 2 marks)

16 Here is the list of ingredients for making 20 biscuits.

Ingredients for 20 biscuits

150 g butter

100 g sugar

250 g flour

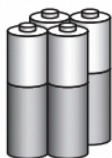
Harry wants to make 60 biscuits.

How much flour does Harry need?

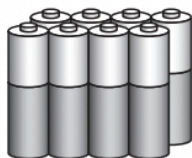
..... g

(Total for Question 16 is 2 marks)

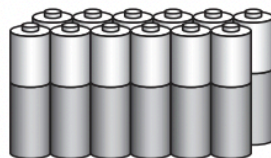
16 Batteries are sold in packs of 4, in packs of 8 and in packs of 12



£1.80



£3.20



£6.00

A pack of 4 batteries costs £1.80

A pack of 8 batteries costs £3.20

A pack of 12 batteries costs £6.00

Which pack gives the best value for money?

You must show how you get your answer.

(Total for Question 16 is 3 marks)

19 Here is a list of ingredients for making 16 flapjacks.

Ingredients for 16 flapjacks

120 g butter
140 g brown sugar
250 g oats
2 tablespoons syrup

Jenny wants to make 24 flapjacks.

Work out how much of each of the ingredients she needs.

butter g

brown sugar g

oats g

syrup tablespoons

(Total for Question 19 is 3 marks)

17 Heidi wants to make some biscuits using this recipe.

Makes 12 biscuits
125 g butter
200 g flour
50 g sugar

Heidi thinks that she has,

500 g butter

700 g flour

250 g sugar

Assuming that these weights are correct,

- (a) work out the greatest number of biscuits Heidi can make.
You must show all your working.

.....
(4)

Heidi is wrong.

She has more than 250 g of sugar.

- (b) Does this affect the greatest number of biscuits Heidi can make?
Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 17 is 5 marks)

Q8 Nov 2022

23 A car factory is going to make four different car models **A**, **B**, **C** and **D**.

80 people are asked which of the four models they would be most likely to buy.

The table shows information about the results.

Car model	Number of people
A	23
B	15
C	30
D	12

The factory is going to make 40 000 cars next year.

Work out how many model **B** cars the factory should make next year.

.....
(Total for Question 23 is 2 marks)

Q9 Nov 2023

10 Here are the ingredients needed to make 20 peanut butter cookies.

<p>Makes 20 cookies</p> <p>250 g peanut butter</p> <p>200 g sugar</p> <p>2 small eggs</p>

Derek wants to make 60 cookies.

He has 900 g of peanut butter.

Does Derek have enough peanut butter to make 60 cookies?

You must show how you get your answer.

(Total for Question 10 is 3 marks)