

1 Jack's driving school has two offers.

Offer 1

First driving lesson free
All other driving lessons normal price

Offer 2

All driving lessons
5% off the normal price

The normal price of a driving lesson is £24

Douglas is going to have 12 driving lessons.

Which is the cheaper offer for 12 driving lessons, Offer 1 or Offer 2?

You must show how you get your answer.

(Total for Question 1 is 3 marks)

2 Suha is going to buy 150 envelopes.

Here is some information about the cost of envelopes in two shops.

Letters2send

Pack of 25 envelopes for £3.49

Stationery World

Pack of 10 envelopes for £2.10

Buy 2 packs get 1 pack free

Suha wants to buy the envelopes as cheaply as possible.

Which shop should Suha buy the 150 envelopes from?

You must show how you get your answer.

(Total for Question 2 is 4 marks)

- 3 A shop sells compost in 20 litre bags and in 40 litre bags.
One day the shop had two special offers for the compost.



2 bags for £3.50



3 bags for £9

Which offer is the better value for money?
You must show how you get your answer.

(Total for Question 3 is 3 marks)

4 Here are the costs of the same type of batteries in two shops.

Shop A
Pack of 4 batteries
£1.60

Shop B
Pack of 6 batteries
£2.70

Harry needs to buy at least 30 batteries.

He assumes that he has to buy batteries in whole packs.

Harry wants to buy the batteries as cheaply as possible from the same shop.

(a) Which shop should he buy the batteries from, shop **A** or shop **B**?

You must show all your working.

(4)

Harry's assumption is wrong.

He can buy single batteries for 40p each in shop **A** and for 45p each in shop **B**.

(b) Does this affect which of these two shops Harry should buy the batteries from?

Give a reason for your answer.

(1)

(Total for Question 4 is 5 marks)

5 A shop has two different special offers on milk.



75p

Pay for 2 bottles
get 1 bottle free



£1.28

Pay for 1 bottle
get 1 bottle half price

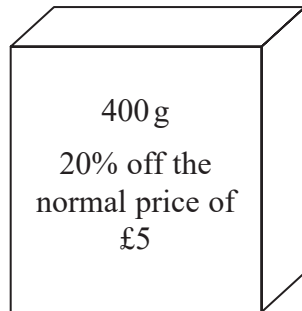
Which offer gives the better value for money?
You must show how you get your answer.

(Total for Question 5 is 4 marks)

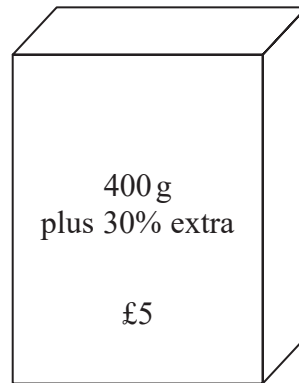
- 6 Food Mart and Jan's Store sell boxes of the same type of breakfast cereal.

Each shop has a special offer.

Food Mart



Jan's Store



Which box of cereal is the better value for money?
You must show your working.

(Total for Question 6 is 4 marks)

7 Northern Bank has two types of account.
Both accounts pay compound interest.

<p>Cash savings account Interest 2.5% per annum</p>
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<p>Shares account Interest 3.5% per annum</p>
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Ali invests £2000 in the cash savings account.
Ben invests £1600 in the shares account.

(a) Work out who will get the most interest by the end of 3 years.
You must show all your working.

(4)

In the 3rd year the rate of interest for the shares account is changed to 4% per annum.

(b) Does this affect who will get the most interest by the end of 3 years?
Give a reason for your answer.

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(1)

(Total for Question 7 is 5 marks)

8 Jo is going to buy 15 rolls of wallpaper.

Here is some information about the cost of rolls of wallpaper from each of two shops.

Chic Decor

3 rolls for £36

Style Papers

Pack of 5 rolls
normal price £70

12% off the normal price

Jo wants to buy the 15 rolls of wallpaper as cheaply as possible.

Should Jo buy the wallpaper from Chic Decor or from Style Papers?

You must show how you get your answer.

(Total for Question 8 is 4 marks)