



EXAM PAPERS PRACTICE

GCSE OCR Math J560

Best Buy

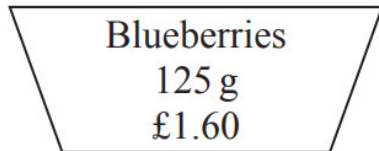
Question Paper

*"We will help you to
achieve A Star "*

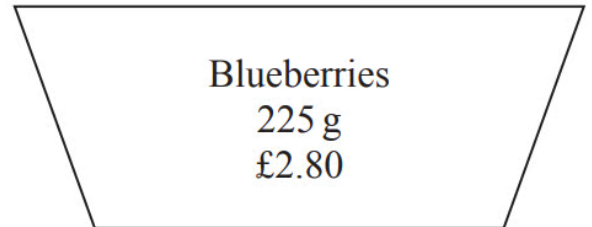


Question 1

Blueberries are sold in small cartons and in large cartons.



small carton



large carton

There are 125 g of blueberries in a small carton.
Each small carton costs £1.60

There are 225 g of blueberries in a large carton.
Each large carton costs £2.80

Which size of carton is the better value for money?
You must show your working.

[3 marks]

Question 2

Plants are sold in three different sizes of tray.

A small tray of 30 plants costs £6.50

A medium tray of 40 plants costs £8.95

A large tray of 50 plants costs £10.99

Kaz wants to buy the tray of plants that is the best value for money.

Which size tray of plants should she buy?
You must show all your working.

[4 marks]



Question 3

A shop sells bags of crisps in different size packs.

There are

- 18 bags of crisps in a small pack
- 20 bags of crisps in a medium pack
- 26 bags of crisps in a large pack



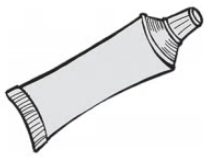
Which size pack is the best value for money?
You must show all your working.

[4 marks]

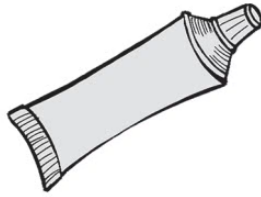


Question 4

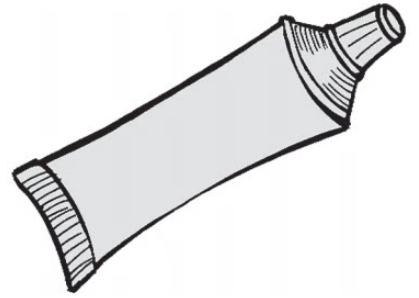
Toothpaste is sold in three different sizes of tube.



50ml



75ml



125ml

A 50 ml tube costs £1.09

A 75 ml tube costs £1.68

A 125 ml tube costs £2.69

Which tube of toothpaste is the best value for money?

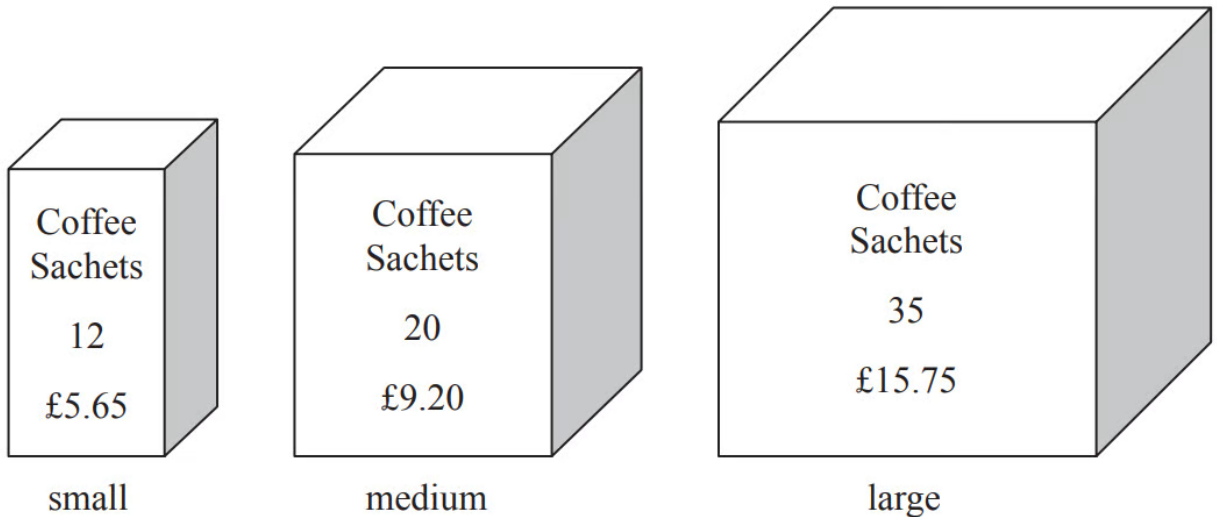
You must show all your working.

[4 marks]



Question 5

Coffee sachets are sold in three different sizes of box.



A small box has 12 coffee sachets and costs £5.65

A medium box has 20 coffee sachets and costs £9.20

A large box has 35 coffee sachets and costs £15.75

Work out which size of box gives the best value for money.
You must show all your working.

[4 marks]



Question 6

Henry is thinking about having a water meter.

These are the two ways he can pay for the water he uses.

Water Meter

A charge of £28.20 per year

plus

91.22p for every cubic metre of water used

1 cubic metre = 1000 litres

No Water Meter

A charge of £107 per year

Henry uses an average of 180 litres of water each day.

Henry wants to pay as little as possible for the water he uses.

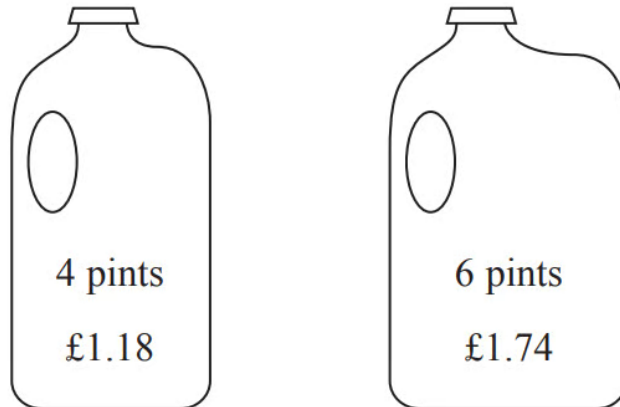
Should Henry have a water meter?

[5 marks]



Question 7

Milk is sold in two sizes of bottle.



A 4 pint bottle of milk costs £1.18

A 6 pint bottle of milk costs £1.74

Which bottle of milk is the best value for money?

You must show all your working.

[3 marks]



Question 8

Two shops, Mega Bathrooms and Bathroom Mart, each have a sale.

<p style="text-align: center;">Mega Bathrooms</p> <p style="text-align: center;">Sale</p> <p style="text-align: center;">60% off normal price then 15% off</p>
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<p style="text-align: center;">Bathroom Mart</p> <p style="text-align: center;">Sale</p> <p style="text-align: center;">$\frac{2}{3}$ off normal price</p>
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Sally wants to buy some bathroom units.
The units have a normal price of £1500

Sally wants to buy the units as cheaply as possible.

Which shop should she buy the units from?
You must show all your working.

[4 marks]



Question 9

Potatoes cost £9 for a 12.5 kg bag at a farm shop.

The same type of potatoes cost £1.83 for a 2.5 kg bag at a supermarket.

Where are the potatoes the better value, at the farm shop or at the supermarket?

You must show your working.

[4 marks]