

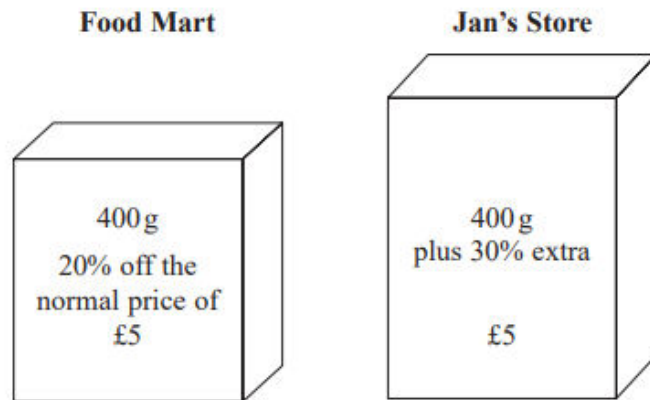
BEST BUYS

Pearson Edexcel - Tuesday 6 November 2018 - Paper 1 (Non-Calculator) Foundation Tier

1.

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

Each shop has a special offer.



Which box of cereal is the better value for money?

You must show your working.

(Total for Question 18 is 4 marks)

Pearson Edexcel - Wednesday 8 November 2017 - Paper 3 (Calculator) Foundation Tier

2.

4 The table gives information about the prices of cinema tickets.

Cinema ticket	Price
adult ticket	£7.80
child ticket	£5.80
family ticket (for 4 people)	£24.30

Mr Edwards and his 3 children go to the cinema.

It is cheaper for Mr Edwards to buy 1 family ticket rather than 4 separate tickets.

(a) How much cheaper?

.....
(3)

The film starts at 6.45 pm.
The film lasts 102 minutes.

(b) What time does the film finish?

.....
(2)

.....
(Total for Question 4 is 5 marks)

3.

11 Jack's driving school has two offers.

<p style="text-align: center;">Offer 1</p> <p style="text-align: center;">First driving lesson free</p> <p style="text-align: center;">All other driving lessons normal price</p>
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<p style="text-align: center;">Offer 2</p> <p style="text-align: center;">All driving lessons</p> <p style="text-align: center;">5% off the normal price</p>

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 11 is 3 marks)

4.

20 In London, 1 litre of petrol costs 108.9p
In New York, 1 US gallon of petrol costs \$2.83

1 US gallon = 3.785 litres
£1 = \$1.46

In which city is petrol better value for money, London or New York?
You must show your working.

(Total for Question 20 is 3 marks)

OCR Tuesday 6 November 2018 – Morning (Calculator) Foundation Tier

5.

15 Tea bags of similar quality are sold in three different sized packs:

Small Pack
80 tea bags for £2.10

Medium pack
150 tea bags for £3.55

Large pack
220 tea bags for £5.25

(a) Which pack is the best value for money?
Show how you decide.

..... because
..... [4]

(b) Explain why someone may buy a pack which is not the best value for money.

.....
..... [1]

6.

- 21** Shari buys a box of 60 candles for £125.
She sells the candles for £2.25 each.

Calculate her percentage profit.

.....% **[4]**

OCR Tuesday 12 June 2018– Morning (Calculator) Foundation Tier

7.

- 5 *Tea Biscuits* can be bought in packets of 20 or packets of 24.
All biscuits are identical in size and quality.

20 *Tea Biscuits*
for
£1.50

24 *Tea Biscuits*
for
£1.80

Nada says

The packet of 24 biscuits is better value.

Is Nada correct?
Show how you decide.

Nada is because.....

..... [3]

OCR Monday 6 November 2017– Morning (Calculator) Foundation Tier

8.

- 3 A 100 g packet of tea costs £4.16.
A 25 g packet of the same tea costs £1.05.

Which packet is better value for money?
Show how you decide.

..... [3]

Pearson Edexcel – Sample Papers - Paper 1 (Non-Calculator) Foundation Tier

9.

- 16** Sam buys 20 boxes of oranges.
There are 25 oranges in each box.

Each boxes of oranges costs £7

Sam sells $\frac{2}{5}$ of the oranges he bought.

He sells each of these oranges for 40p.

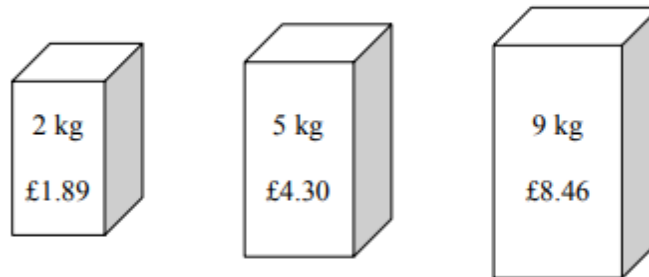
He then sells each of the remaining oranges at 3 oranges for 50p.

Did Sam make a profit or did Sam make a loss?
You must show working to justify your answer.

(Total for Question 16 is 5 marks)

10.

17 Soap powder is sold in three sizes of box.



A 2 kg box of soap powder costs £1.89

A 5 kg box of soap powder costs £4.30

A 9 kg box of soap powder costs £8.46

Which size of box of soap powder is the best value for money?

You must show how you get your answer.

(Total for Question 17 is 3 marks)

Pearson Edexcel – Sample Papers - Paper 3 (Calculator) Foundation Tier

11.

22 Henry is thinking of having a water meter.

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

<p style="text-align: center;">Water Meter</p> <p style="text-align: center;">A charge of £28.20 per year</p> <p style="text-align: center;">plus</p> <p style="text-align: center;">91.22p for every cubic metre of water used</p> <p style="text-align: center;">1 cubic metre = 1000 litres</p>	<p style="text-align: center;">No Water Meter</p> <p style="text-align: center;">A charge of £107 per year</p>
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Henry uses an average of 180 litres of water each day.

Use this information to determine whether or not Henry should have a water meter.

(Total for Question 22 is 5 marks)

OCR Sample Question Paper 1 – Morning/Afternoon (Calculator) Foundation Tier

12.

- 3 Colin drinks $\frac{3}{8}$ of a litre of milk each day.

Milk costs 89p for a 2-litre carton and 49p for a 1-litre carton.

What is the smallest amount that Colin would have to spend to buy milk for one week?
Show your working.

£ [3]

AQA Monday 8 June 2020 – Morning (Calculator) Foundation Tier

13.

14 Here are ticket prices for a theme park.

Single tickets	
Adult	£48
Child	£26
Special offer tickets	
1 adult and 2 children	£82
2 adults and 2 children	£120

14 (a) Freya buys tickets for 3 adults and 4 children.
She pays the cheapest possible total cost.

How much does she save compared to buying all single tickets?

[4 marks]

Answer £ _____

14 (b) Leroy buys 5 single adult tickets.
He uses a voucher that reduces the price of tickets by a quarter.
In total, how much does he pay?

[3 marks]

Answer £ _____

AQA Thursday 11 June 2019 – Morning (Calculator) Foundation Tier

14.

9

Jim wants to buy 10 rolls of wallpaper.

He sees these prices.

Wallpaper	
Single roll	£12.50
Pack of 3 rolls	£34.50
Pack of 5 rolls	£58.75

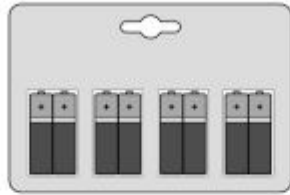
What is the cheapest price for 10 rolls?

[4 marks]

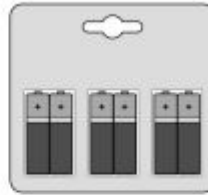
Answer £ _____

15.

18 A shop sells two brands of battery.



Brand A
Pack of 8
Price £3.60



Brand B
Pack of 6
Price £2.94

One brand A battery powers a toy for 5 hours.

One brand B battery powers the same toy for $5\frac{1}{2}$ hours.

Which brand is better value?

You **must** show your working.

[5 marks]

Answer _____

AQA Sample Paper 2– Morning (Calculator) Foundation Tier

16.

17 Mr Jones works for five days each week.

If he uses his car to travel to work,
each day he drive a total distance of 24.2 miles
his car travels 32.3 miles per gallon of petrol
petrol costs £1.27 per litre.

If he uses the bus to travel to work, he can buy a weekly ticket for £19.50

Use 1 gallon = 4.5 litres

Is it cheaper if he uses his car or the bus to travel to work?

You **must** show your working.

[5 marks]

Answer _____

AQA Sample Paper 3– Morning (Calculator) Foundation Tier

17.

- 13** Hayley and Tom have £2000 to spend on food at their wedding. Here are their two options.

Wonderful Weddings!	
Normal price	£32 per person
Special offer	
10% off	

Kim the Caterer	
Number of people	Price per person
100 & over	£24.50
80 to 99	£26.50
60 to 79	£28.50
up to 59	£30.50

Work out the **maximum** number of people they can pay for.

Show working to compare the maximum number of people for **both** options.

[5 marks]

Answer _____