



Name: _____ **Date:** _____ **Score:** _____ / 62

- 1** A shop sells two sizes of box of teabags.

Small box: 80 teabags for £2.40

Large box: 240 teabags for £6.60

Which box is the better value for money? Show your working.

(3 marks)

Answer _____

- 2** Washing-up liquid is sold in two sizes of bottle.

500 ml bottle for £1.20

750 ml bottle for £1.65

Work out which bottle is the better value for money. You must show your working.

(3 marks)

Answer _____

- 3** Two shops sell the same tins of soup.

Shop A: 3 tins for £2.10

Shop B: 4 tins for £2.72

Decide which shop gives the better value for money. Show your working.

(3 marks)

Answer _____

- 4 Two shops sell the same orange juice.
Shop A sells a 2 litre carton for £1.85.
Shop B sells a 1.5 litre carton for £1.35.
Show which carton is the better value for money.

(4 marks)

Answer _____

- 5 A games console costs £399 in London.
The same console costs €448.50 in Dublin.
The exchange rate is £1 = €1.15.
In which city is the console cheaper, and by how much? Give your answer in pounds.

(3 marks)

Answer _____

- 6 A supermarket sells two special offer boxes of cereal.
Box A: 500 g for £3.20, with 25% extra free
Box B: 750 g for £3.60, with 10% off the price
Decide which box is the better value for money. You must show your working.

(4 marks)

Answer _____

- 7 Peanut butter is sold in three sizes of jar.
Small: 250 g for £1.10
Medium: 400 g for £1.68
Large: 600 g for £2.58
Work out which jar is the best value for money. You must show your working.

(4 marks)

Answer _____

8 Layla needs 18 identical notebooks for a club.

Shop A sells the notebooks at £1.20 each, with an offer of buy 2 get 1 free.

Shop B sells the notebooks at £1.05 each, with 10% off the total cost when you buy 15 or more.

Work out which shop is cheaper for 18 notebooks, and by how much.

(4 marks)

Answer _____

9 A phone costs £520 in a UK shop.

In a New York shop the same phone costs \$650 plus sales tax at 8%.

The exchange rate is £1 = \$1.35.

Show that the phone costs the same in both shops.

(3 marks)

Answer _____

10 The same perfume is sold in London and in Paris.

In London it costs £42 for a 50 ml bottle.

In Paris it costs 52.80 euros for a 60 ml bottle.

£1 = 1.20 euros

Work out in which city the perfume is better value for money. You must show your working.

(4 marks)

Answer _____

- 11** In England, petrol costs £1.44 per litre.
In America, petrol costs 3.80 dollars per US gallon.
1 US gallon = 3.8 litres
£1 = 1.25 dollars
Show that petrol is cheaper in America than in England.

(4 marks)

Answer _____

- 12** A teacher needs 48 cartons of juice for a school trip.
Shop A sells packs of 8 cartons for £2.16 per pack.
Shop B sells packs of 6 cartons for £1.68 per pack.
Work out which shop is cheaper for exactly 48 cartons, and by how much.

(4 marks)

Answer _____

- 13** In a UK shop, a 750 g bag of rice costs £3.30.
In a shop in France, a 2 kg bag of the same rice costs €9.60.
The exchange rate is £1 = €1.20
Which shop sells the rice at the better value? You must show your working.

(4 marks)

Answer _____

- 14** Sam is organising a barbecue and needs at least 30 bread rolls.
Bread rolls are sold in packs of 6 for £1.10 and packs of 15 for £2.55.
Work out the cheapest way for Sam to buy at least 30 rolls, and the cost.

(5 marks)

Answer _____

- 15** Mia needs at least 40 paper cups and at least 40 paper plates for a party.
Cups: pack of 25 for £1.80, or pack of 10 for £0.85
Plates: pack of 20 for £2.40, or pack of 8 for £1.10
Work out the cheapest total cost for Mia. You must show your working.

(5 marks)

Answer _____

- 16** A shop sells rice in two sizes of bag.
Small bag: 500 g for £1.35
Large bag: 2 kg for £4.80
Meena needs exactly 6 kg of rice.
Work out the cheapest way for Meena to buy exactly 6 kg of rice. You must show that your way is the cheapest.

(5 marks)

Answer _____

End of questions | Total 62 marks