

KS3 – Financial Maths

Section A – Money Problems

Q1 (4 marks)

Work out each answer.

- a) A book costs £6.75 and a pen costs £2.40. Find the total cost.

- b) A customer pays £20 for an item costing £13.65. Find the change.

- c) Three cinema tickets cost £8.50 each. Find the total cost.

- d) Five identical notebooks cost £17.50 altogether. Find the cost of one notebook.

Q2 (3 marks)

Solve each money problem.

- a) Aisha has £45. She buys shoes for £28.99. How much money does she have left?

- b) A family buys 4 meals costing £7.25 each. How much do they pay altogether?

- c) A pack of 6 drinks costs £9.60. What is the cost of one drink?

Q3 (3 marks)

Work out the new price.

- a) A £40 jacket is reduced by £8.

- b) A £65 game console accessory is reduced by £15.

- c) A £32 bag increases in price by £4.50.

Q4 (3 marks)

Work out each answer.

- a) A £50 item has 10% off. Find the sale price.

- b) A £80 item has 25% off. Find the sale price.

- c) A £120 bicycle increases in price by 10%. Find the new price.

Q5 (3 marks)

Solve each problem.

- a) Sam saves £12.50 each week for 8 weeks. How much does he save?

- b) Zara has £150. She spends £48.75 and then £36.40. How much remains?

c) A school buys 12 calculators at £7.50 each. Find the total cost.

Challenge

Q6 (4 marks)

A family has a budget of £120 for a day out. Tickets cost £67.50 and food costs £38.80.
How much of the budget is left?

Section B – Currency Conversion

Q7 (3 marks)

Answer these questions about exchange rates.

a) An exchange rate says £1 = €1.20. How many euros would you receive for £10?

b) Using £1 = €1.20, how many euros would you receive for £35?

c) Using £1 = €1.20, how many pounds is €60?

Q8 (4 marks)

Use the exchange rate £1 = \$1.25.

a) Convert £20 to dollars.

b) Convert £48 to dollars.

c) Convert \$50 to pounds.

d) Convert \$100 to pounds.

Q9 (3 marks)

Use the exchange rate £1 = €1.15.

a) Convert £40 to euros.

b) Convert £80 to euros.

c) Convert €92 to pounds.

Q10 (3 marks)

Use the exchange rate £1 = \$1.30.

a) A T-shirt costs £25 in the UK. Convert this price to dollars.

b) A souvenir costs \$52. Convert this price to pounds.

c) A traveller changes £75 into dollars. How many dollars do they receive?

Q11 (3 marks)

Choose the correct operation, then convert.

a) £1 = €1.25. Convert £64 to euros.

b) $\text{£}1 = \text{€}1.25$. Convert $\text{€}45$ to pounds.

c) $\text{£}1 = \$1.40$. Convert $\$84$ to pounds.

Challenge

Q12 (4 marks)

A traveller has $\text{£}200$. They exchange $\text{£}150$ into euros using $\text{£}1 = \text{€}1.18$.

How many euros do they receive, and how many pounds do they keep?

Section C – Best Buys

Q13 (3 marks)

Work out which option is the better buy.

a) 4 pens for £3.20 or 6 pens for £4.50

b) 5 bottles for £6.00 or 8 bottles for £9.20

c) 3 notebooks for £5.40 or 5 notebooks for £8.50

Q14 (3 marks)

Compare the cost per item and state the better buy.

a) 6 yoghurts for £3.60 or 10 yoghurts for £5.50

b) 4 batteries for £6.80 or 6 batteries for £9.60

c) 8 juice cartons for £4.80 or 12 juice cartons for £6.60

Q15 (3 marks)

Compare the cost per 100 g and state the better buy.

a) 500 g cereal for £3.00 or 750 g cereal for £4.20

b) 400 g pasta for £1.60 or 600 g pasta for £2.10

c) 250 g nuts for £2.50 or 400 g nuts for £3.60

Q16 (3 marks)

Solve each best-buy problem.

a) Shop A sells 3 identical drinks for £4.50. Shop B sells 5 for £7.00. Which is cheaper per drink?

b) A 2 kg bag of rice costs £5.20 and a 3 kg bag costs £7.20. Which is cheaper per kilogram?

c) A pack of 12 pencils costs £4.20 and a pack of 20 costs £6.60. Which is cheaper per pencil?

Challenge

Q17 (4 marks)

A café needs at least 30 bottles of water. Shop A sells packs of 6 for £4.20. Shop B sells packs of 10 for £6.50.

Which shop gives the lowest total cost for at least 30 bottles, and how much cheaper is it?

Total: ____ / 56

Percentage: ____%