

Max's Market Challenge: A Year 5 Money Assessment

Learning objective: To solve problems involving the addition, subtraction, multiplication, and division of money, including multi-step problems and decimal notation.

Read each question carefully. Show your working out clearly to gain method marks. Ensure all money answers are written with the correct £ symbol and two decimal places for pence.

Max the monkey is helping the forest community organise their annual harvest festival. He is in charge of purchasing supplies for the refreshment stall. He has a total budget of £50.00 to spend on fruit, juice, and decorations.

Word bank: decimal point · calculate · budget · total · remainder · equivalent · multiplication · estimation

1. Max buys 4 punnets of strawberries at £2.45 each and 3 bags of apples at £1.80 each. Calculate the total cost of the fruit. Show your working. (3 marks)

2. The stall needs 12 cartons of apple juice. If a pack of 4 cartons costs £3.20, how much will it cost to buy enough for the festival? Explain your method. (3 marks)

3. If Max has £50.00 and spends £15.20 on decorations, how much money does he have remaining for the food items? (2 marks)

4. Compare and contrast: Is it cheaper to buy a single item for £4.50 or a pack of 3 identical items for £12.75? Justify your answer using mathematical reasoning. (4 marks)

5. The festival organisers want to split the remaining budget of £24.60 equally between 6 different activity stalls. How much money will each stall receive? (2 marks)

6. Max finds a discount voucher that gives him 10% off his total bill of £30.00. Calculate the new total he needs to pay. (3 marks)

7. Extended Writing Task: Max realises he has spent £42.80 of his £50.00 budget. He wants to buy 'Thank You' cards for the volunteers that cost £0.95 each. How many can he afford? If he decides to buy the maximum number possible, how much change will he have left over? Write a brief report to the forest committee explaining his final spending decision. (8 marks)

Draw: Draw a visual representation of Max's budget breakdown, using a bar model or a pie chart to show how the £50.00 is divided between fruit, juice, and decorations.



Extension challenge: Total: /25. Challenge: What might happen to the festival budget if the price of fruit increased by 20%? Calculate the new cost of the strawberries (£2.45) and explain how this would affect Max's ability to purchase the 'Thank You' cards.