

Max's Easter Market Challenge

Learning objective: To solve multi-step problems involving money, decimals, and rounding in a real-world context.

Max the monkey is helping set up an Easter fair. He has a budget of £50.00 to buy supplies. Use the provided price list to calculate the total costs and remaining change. You must justify your choices when asked to explain your reasoning.

Word bank: budget · decimal point · calculate · remainder · estimate · total · expenditure · profit

1. Max buys 12 decorative Easter baskets at £2.45 each and 8 packets of biodegradable glitter at £1.12 each. Calculate the total expenditure. How much money remains from his £50.00 budget? (3 marks)

2. If Max decides to buy 15 foil-wrapped chocolate eggs instead of the glitter, and each egg costs £0.85, what is the new total cost for the baskets and eggs combined? Show your working. (3 marks)

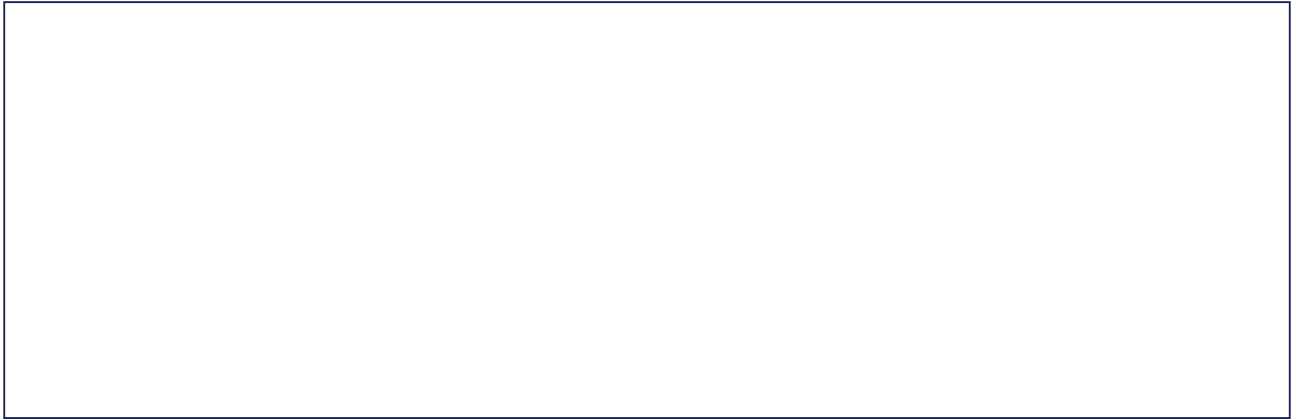
3. Explain why it is important to align the decimal points when adding money values. What might happen if you misplace a decimal point in your calculation? (2 marks)

4. Max wants to sell the baskets for £4.00 each. If he sells all 12, calculate the total profit made on the baskets alone, excluding the initial cost of the baskets. (2 marks)

5. Compare and contrast the cost of buying items in bulk versus buying them individually. If the shop offers a 'buy 5, get 1 free' deal on chocolate eggs, how does this change Max's budget efficiency? (3 marks)

6. Justify your answer: If Max has £10.00 left, can he afford to buy 9 packs of ribbons if each pack costs £1.20? Provide the mathematical evidence for your conclusion. (2 marks)

Draw: Draw a sketch of Max's Easter stall layout, showing how he might arrange his baskets and decorations to attract customers, including price labels for three items.



Extension challenge: Design your own Easter stall. Create a list of five items with different prices. Write a word problem that requires at least three steps to solve (e.g., multiplication, addition, and subtraction) and provide the answer key for a partner to check.