

Max's Easter Market Calculations

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

Read each scenario carefully. Show your working out clearly to ensure Max can balance his market stall budget. Remember to use the correct notation for pounds (£).

Max the monkey is organising an Easter market stall. He is selling handcrafted chocolate eggs for £2.45 each, small woven baskets for £1.20 each, and decorative ribbons for £0.85 each. He has a starting budget of £50.00 to buy his materials.

Word bank: decimal point · budget · calculation · profit · estimate · remainder · tally

1. Max sells 12 chocolate eggs and 8 woven baskets. Calculate the total revenue Max makes from these sales. Show your method. (2 marks)

2. Max decides to offer a 'Bundle Deal': 3 ribbons for £2.00. If he sells 15 ribbons using this deal, how much money does he collect? Is this cheaper than buying them individually? Justify your answer. (3 marks)

3. Max finds a supplier selling a pack of 50 decorative stickers for £4.50. If he wants to buy 3 packs, how much change will he receive from a £20.00 note? (2 marks)

4. Max has a total budget of £50.00. He spends £22.50 on chocolate and £14.80 on packaging. Explain why Max might choose to round these figures to the nearest pound when making a quick mental estimate of his remaining budget. (3 marks)

5. Compare and contrast the cost of buying 10 items at £1.20 each versus 10 items at £0.85 each. What is the difference in total price? (2 marks)

Draw: Draw a symmetrical pattern for one of Max's Easter egg designs, ensuring it includes at least three different geometric shapes.



Extension challenge: What might happen to Max's total profit if the price of cocoa increases by 20%? Write a short paragraph explaining how he could adjust his prices to ensure he does not lose money.