

Max's Easter Market Calculations

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication of money in the context of an Easter market.

Max the monkey is helping organize the Easter village market. Use your math skills to help him calculate the costs, change, and totals for the stallholders. Show your working out clearly.

Max has been busy pricing items for the spring festivities. A bunch of daffodils costs £2.45, a hand-painted ceramic egg costs £3.10, and a basket of chocolate-free treats costs £4.75. He needs your help to ensure the finances for the market are perfectly balanced.

Word bank: total · product · calculate · exchange · remainder · estimate · value · profit

1. Zara buys 3 bunches of daffodils and 1 ceramic egg. Calculate the total cost of her items. (2 marks)

2. If a customer pays for a £4.75 basket of treats with a £10 note, how much change should Max give them? Show your method. (2 marks)

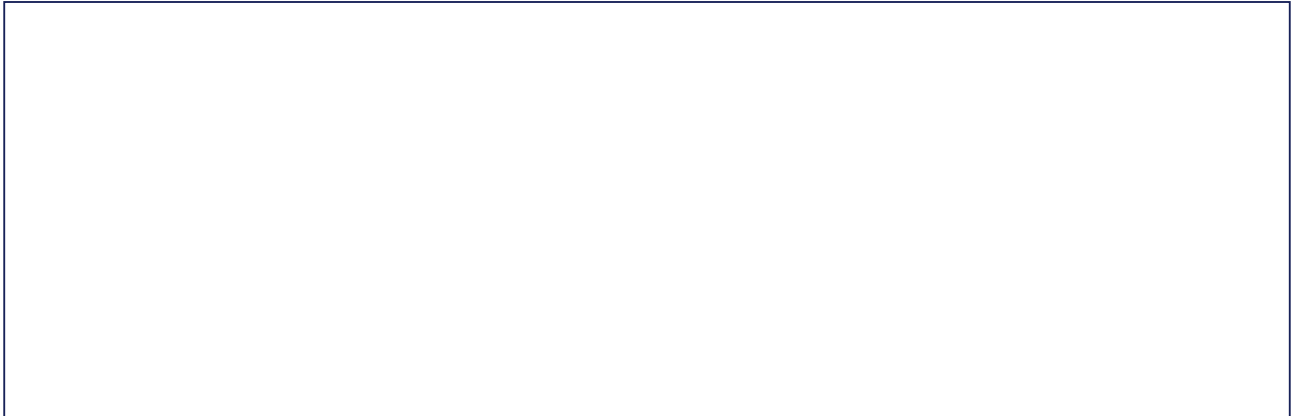
3. The market stall sells 6 ceramic eggs. What is the total revenue for these eggs? If the cost to make them was £1.50 each, calculate the total profit. (3 marks)

4. Explain why it is important for Max to calculate the 'total' before giving a customer their change. What might happen if he makes a mistake in his addition? (2 marks)

5. Compare the cost of 4 bunches of daffodils with the cost of 3 baskets of treats. Which is more expensive and by how much? (3 marks)

6. Justify your answer: If Max has a budget of £20, can he afford to buy 2 ceramic eggs, 3 bunches of daffodils, and 2 baskets of treats? Show your calculations. (3 marks)

Draw: Draw a stall at Max's market. Include at least three items for sale and label them with their prices in dollars and cents.



Extension challenge: Design your own 'Easter Bundle' containing at least three different items. Create a 'special offer' price for this bundle and calculate how much a customer saves compared to buying the items individually. Write a short paragraph explaining the math behind your discount.