

Max's Christmas Market Math Planner

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

Max the monkey is helping organize a school Christmas market. Use this planner to help him calculate the costs and profits. Remember to use the £ symbol and show your working out for each calculation. Ensure your decimal points are lined up correctly.

Word bank: budget · profit · total · expenditure · calculate · remainder · multiplication · decimal

1. The Shopping List: Max needs to buy 12 boxes of festive crackers at £3.45 per box. Calculate the total cost of the crackers. (2 marks)

2. The Stalls: If Max has a budget of £100.00 to spend on decorations and he has already spent £42.60, how much money does he have remaining? (2 marks)

3. Ticket Sales: The market sells 45 tickets at £2.50 each. What is the total amount of money raised from ticket sales? (2 marks)

4. The Profit Plan: If the total income from the market is £250.00 and the total expenditure is £135.50, calculate the total profit made for the school. (2 marks)

5. Challenge Question: If Max wants to split the final profit equally between 4 different school clubs, how much money will each club receive? (3 marks)

Extension challenge: Imagine you are running a craft stall at the market. Create a price list for three items (e.g., handmade cards, bookmarks, or ornaments) and write a word problem for a friend to solve based on your prices.