

Max the Monkey's Christmas Market Maths

Learning objective: To solve addition, subtraction, and multiplication problems involving money in a festive context.

Max the Monkey needs your help at the Christmas market! Read the challenges below and use your maths skills to help him calculate the totals, change, and quantities needed for his festive feast. Show your working out clearly.

Word bank: total · change · multiplication · addition · subtraction · pounds · pence · calculate · budget · cost

1. The Festive Shop: Max wants to buy 3 boxes of crackers at £4 each and a wreath for £7. Calculate the total cost of his shopping. Show your addition and multiplication steps. (3 marks)

2. The Change Challenge: Max hands the shopkeeper a £20 note to pay for his items. How much change should he receive? Explain your subtraction method. (2 marks)

3. Sweet Treat Maths: A bag of chocolate coins costs 80p. If Max buys 4 bags for his friends, how much does he spend in total? Remember to convert your answer into pounds and pence. (3 marks)

4. Budgeting for Baubles: Max has £15 to spend on decorations. If he finds a box of baubles for £9.50, how much money will he have left over? (2 marks)

5. The Gift Calculation: Max is buying 5 small gifts that cost £3 each. He has a voucher for £2 off his total bill. What is the final amount he needs to pay? (3 marks)

Extension challenge: Create your own Christmas Market word problem using at least three different items with prices in pounds and pence, then ask a partner to solve it.