

Max's Christmas Market Maths Challenge

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

Read each question carefully. Show your working out in the space provided. Remember to include the £ sign and decimal point for money answers.

Max the monkey is visiting the Winter Woodland Market to help his friends buy festive treats. The market stalls are full of decorations, snacks, and gifts. Max needs to use his maths skills to make sure everyone has enough money for their shopping.

Word bank: total · change · multiply · divide · difference · cost · pence

1. Pip the caterpillar wants to buy 3 star-shaped fairy lights. Each light costs £2.50. How much do the lights cost in total? (2 marks)

2. Ellie the elephant has a £10 note. She buys a bag of roasted chestnuts for £4.25. How much change should Ellie receive? (2 marks)

3. Zara the zebra is making handmade cards. She has 24 sheets of red card and wants to share them equally between 4 friends. How many sheets of card does each friend get? (2 marks)

4. Kit the fox buys 5 packets of wrapping paper. If each packet costs £1.20, calculate the total cost. Explain your method for finding the answer. (4 marks)

5. Leo the lion buys a box of chocolates for £6.50 and a festive ribbon for £1.75. He pays with a £10 note. How much does he spend in total, and how much change does he get back? (4 marks)

6. The market stall sells 'Winter Bundles'. A bundle contains 2 packs of crackers, 1 tin of biscuits, and 3 candy canes. If a pack of crackers costs £2, a tin of biscuits is £3, and a candy cane is 50p, calculate the cost of one Winter Bundle. Show all your steps. (4 marks)

7. Extended Task: Max wants to buy presents for 5 friends. He has a budget of £20. Create a shopping list for 5 items that cost different amounts. List the items, their prices, the total cost, and confirm if Max has stayed within his £20 budget. (5 marks)

Draw: Draw a picture of Max the monkey at the market stall holding a shopping basket filled with festive items.



Extension challenge: Total: /25