

Max's Mathematical Market Challenge

Learning objective: To solve multi-step word problems involving money and measure using the four operations.

Max the monkey is helping at the local market today. Use this template to create and solve your own store-themed math problems. Choose two items, set a price for each, and write a challenge for a friend to solve. Remember to show your working out clearly!

Word bank: total · difference · change · multiplication · addition · subtraction · pounds · pence · altogether · remaining

1. The Market Menu: Choose two items to sell in the market and write down their prices in dollars and cents. (2 marks)

2. The First Challenge: Write a word problem that asks someone to find the total cost of buying one of each item. (2 marks)

3. The Working Out: Show the calculation you used to solve your first challenge. (3 marks)

4. The Second Challenge: Write a word problem that involves paying with a £10 note and calculating the change. (2 marks)

5. The Final Answer: Write the final amount of change, including the correct currency symbol. (1 mark)

Extension challenge: Challenge: If Max decided to have a 'Half-Price Sale' on all items, how would that change the answers to your word problems? Write a new calculation showing the new prices.