

Max's Market Stall Challenge

Learning objective: To practise adding multiple amounts of money using formal written methods, including decimals and carrying digits correctly.

Max the monkey is helping at the local market. Use the space below to record the items he is selling, their individual prices, and the total cost for his customers. Remember to line up your decimal points carefully when adding your columns!

Word bank: decimal point · column addition · total · sum · place value · carry · pence · pounds

1. Item List and Prices: List three items Max is selling at his stall and write down the price for each in pounds (£). (2 marks)

2. The Calculation: Write out the addition sum for the three items using the formal column method, ensuring your decimal points are aligned. (3 marks)

3. Checking for Errors: Explain how you ensured that your digits were in the correct place value columns (e.g., tenths and hundredths). (2 marks)

4. The Customer's Change: If a customer pays for these three items with a £20 note, how much change should Max give them? Show your working. (3 marks)

5. Reflective Thinking: Why is it important to use a decimal point when adding money? How does it help you keep track of the pence? (2 marks)

Extension challenge: Challenge: If Max sold five of each item, what would the new total be? Calculate this using multiplication followed by addition.