

Max's Market Math Challenge

Learning objective: To solve multi-step word problems involving all four operations, including money and measures.

Read each problem carefully. Use Max the monkey's method: identify the key numbers, choose the correct operation, and show your working out clearly.

Max the monkey is helping at the community garden market to raise money for new books. He has a stall selling fresh fruit and homemade snacks. He needs your help to manage the accounts and keep track of the stock before the market closes at 4:00 pm.

Word bank: calculation · operation · difference · total · remainder · multi-step

1. Max sells 12 punnets of strawberries for £2.50 each. If he also sells 8 bags of apples for £1.75 each, what is the total amount of money he has collected? (2 marks)

2. Max starts the morning with 150 oranges. He sells 47 in the morning and 58 in the afternoon. How many oranges does he have left to take home? (2 marks)

3. A box of honey pots costs £12.00. Each box contains 6 jars of honey. If Max sells each jar individually for £2.50, how much profit does he make on one box? (2 marks)

4. Max has £50.00 in his cash box. He spends £14.65 on new labels and £22.80 on wooden crates. How much money does Max have remaining? (2 marks)

5. If 4 friends share the cost of a large basket of vegetables that costs £18.00 equally, how much does each friend pay? (2 marks)

Draw: Draw a picture of Max the monkey standing at his market stall, showing at least three different items for sale with their prices clearly labelled in dollars and cents.



Extension challenge: Max wants to buy a new sign for the market that costs £35.50. If he has already saved £12.75, and he sells 10 more bags of apples at £1.75 each today, will he have enough money? Explain your answer using calculations.