

Max's Mathematical Market Challenge

Learning objective: To consolidate knowledge of times tables and apply multiplication and division facts to solve multi-step problems.

Help Max the monkey organise his market stall. Read each question carefully, show your working out, and remember to include the correct currency symbol where needed.

Word bank: multiplication · division · product · factor · multiple · quotient · remainder

1. Max is selling bags of monkey nuts for £4 each. If he sells 12 bags in the morning and 9 bags in the afternoon, what is the total amount of money he has made? (2 marks)

2. Max has 144 bananas to arrange into equal bunches of 12. How many bunches will he have to display on his stall? (2 marks)

3. If a box of exotic fruit costs £7, how many full boxes can Max buy if he has a budget of £95? How much change will he have left over? (3 marks)

4. Identify the missing number in this sequence: 7, 14, 21, ____, 35, 42. Explain the rule used to find the missing number. (2 marks)

5. Max buys 8 packs of stickers for £6 each. He then splits them equally between himself and his 3 friends. How many stickers does each person receive if each pack contains 10 stickers? (3 marks)

Draw: Draw Max the monkey standing proudly behind his market stall, making sure you include labels for his items that show the multiplication calculations for their prices.



Extension challenge: Create your own 'Multiplication Word Problem' involving a shop that sells items priced in the 7, 8, or 9 times tables. Swap with a partner to solve.