

Max's Market Stall: Multiplication Challenge

Learning objective: To multiply multi-digit numbers by two-digit numbers using formal written methods.

Max the monkey is running a fruit stall at the school fair to raise money for new library books. Help him calculate his total takings and inventory. For each question, show your formal long multiplication method. Remember to use placeholders where necessary and keep your columns aligned.

Word bank: product · multiplier · multiplicand · place value · formal method · total

1. Max sells 24 boxes of organic apples. Each box costs £18. How much money did Max make in total from the apple sales? (2 marks)

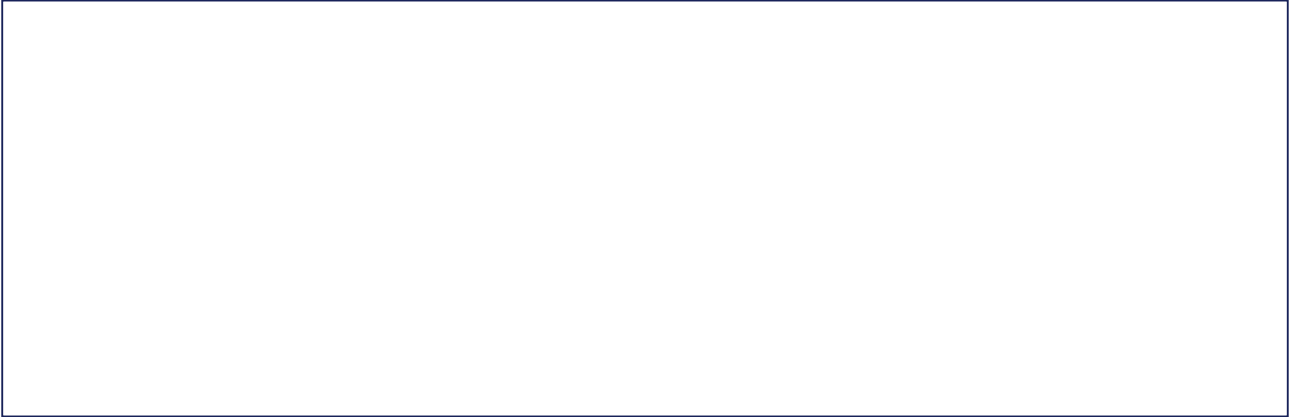
2. Max has 35 bunches of bananas. Each bunch contains 12 bananas. How many individual bananas does he have altogether? (2 marks)

3. At the end of the day, Max sells 42 bags of oranges. Each bag is priced at £26. Calculate the total value of the oranges sold. (2 marks)

4. Max buys 15 punnets of strawberries for his friends. If each punnet costs £34, what is the total cost of the strawberries? (2 marks)

5. If Max sold 56 items of fruit, and each item was sold for exactly £19, show your calculation to find the total revenue. (2 marks)

Draw: Draw a colourful picture of Max the monkey standing behind his market stall, neatly arranging crates of fruit into rows and columns to show he understands multiplication.



Extension challenge: Max has £500 to spend on new stock for next week. If he buys 28 crates of pears at £17 each, how much money will he have left over? Write your calculation and the final amount.