

Max's Market Multiplication Challenge

Learning objective: To recall and use multiplication facts for the 3, 6, 7, 9, 11 and 12 multiplication tables and solve problems involving multiplying two-digit numbers by one-digit numbers.

Max the monkey is helping his friends at the local farmers' market. Use your multiplication skills to calculate the total cost of the produce. For each question, show your working out by partitioning the numbers (e.g., to find 12×4 , do 10×4 and 2×4 , then add them together).

Word bank: partitioning · product · multiplication · total · calculate · factor

1. Finn the dolphin buys 7 bags of apples. Each bag costs £12. How much does Finn spend in total? (2 marks)

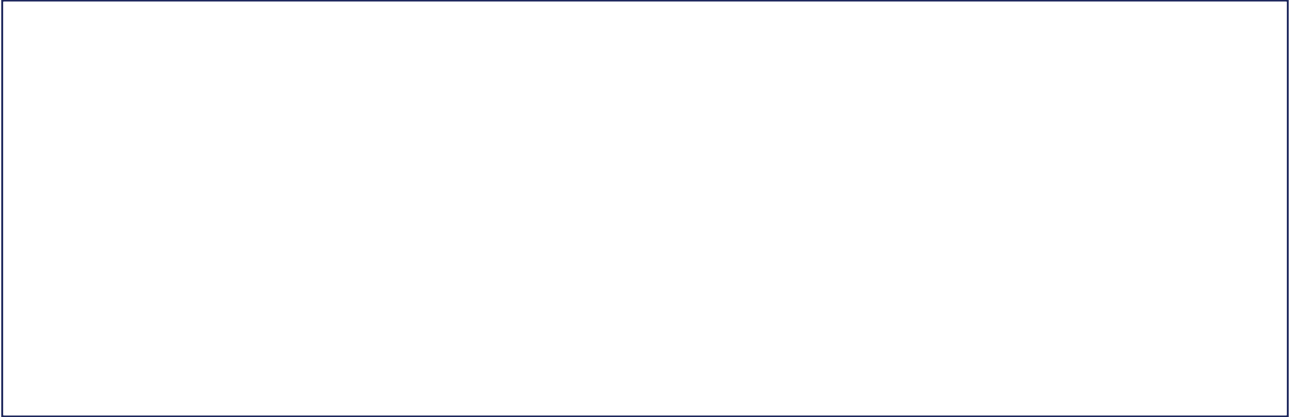
2. Zara the zebra needs 9 packs of coloured pens for her art project. Each pack costs £14. What is the total cost? (2 marks)

3. Pip the caterpillar buys 6 punnets of strawberries. If each punnet costs £8, how much change would Pip get from a £50 note? (3 marks)

4. Bea the honeybee buys 12 jars of wild flower honey. Each jar costs £7. How much does she spend altogether? (2 marks)

5. Kit the fox finds 11 baskets of blackberries. Each basket is priced at £15. Calculate the total cost for all the baskets. (2 marks)

Draw: Draw a picture of Max the monkey standing at a market stall filled with fruit and vegetables, with price tags showing different amounts for each item.



Extension challenge: Nova the owl wants to buy 15 bags of birdseed. Each bag costs £6. Can you calculate the total cost and explain the method you used to reach your answer?