

Max's Mathematical Multiplication Challenge

Learning objective: To recall and use multiplication tables up to 12×12 and apply them to solve multi-step problems.

Help Max the monkey solve these multiplication puzzles. Show your working out clearly to earn full marks.

Word bank: Product · Multiple · Factor · Calculation · Equation · Array

1. Max has 8 baskets of bananas. Each basket contains 12 bananas. How many bananas does Max have in total? Write the equation and solve. (2 marks)

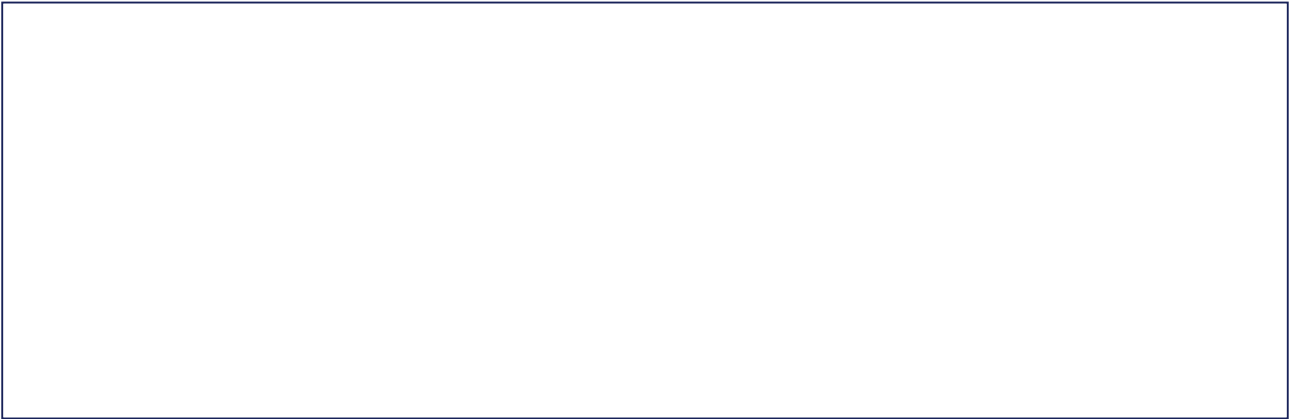
2. Complete the missing numbers in this sequence: 7, 14, 21, ____, 35, ____, 49. What is the rule for this sequence? (2 marks)

3. If a pack of 6 notebooks costs £9, how much would 12 notebooks cost? Explain your method. (3 marks)

4. Calculate the product of 9 and 11. Then, subtract 15 from your answer. What is the final result? (2 marks)

5. Max wants to arrange 72 pebbles into an array. If he puts them into 9 equal rows, how many pebbles will be in each row? (2 marks)

Draw: Draw a rectangular array representing the calculation 6×4 using small circles to represent monkey treats.



Extension challenge: Max has 150 bananas. If he shares them equally between 12 friends, how many bananas does each friend get, and how many are left over? Write your answer as a calculation with a remainder.