

Max the Monkey's Multiplication Maths Challenge

Learning objective: To solve one-step problems involving multiplication by calculating repeated addition and arrays.

Read each question carefully. Use your counting skills to help Max solve his jungle puzzles. Show your working out where possible.

Max the monkey is gathering fruit for his friends. He likes to arrange his snacks in neat rows so he can count them quickly. Help Max figure out how much fruit he has collected today.

Word bank: array · groups of · equal · repeated addition · multiply · total

1. Max has 3 baskets of bananas. Each basket has 2 bananas inside. How many bananas does he have in total? Draw the groups to help you. (2 marks)

2. Write the number sentence for 4 groups of 5. (Hint: Use the '+' sign). (2 marks)

3. Look at the array below:

○ ○ ○
○ ○ ○

How many rows are there? How many items in each row? Write the total. (3 marks)

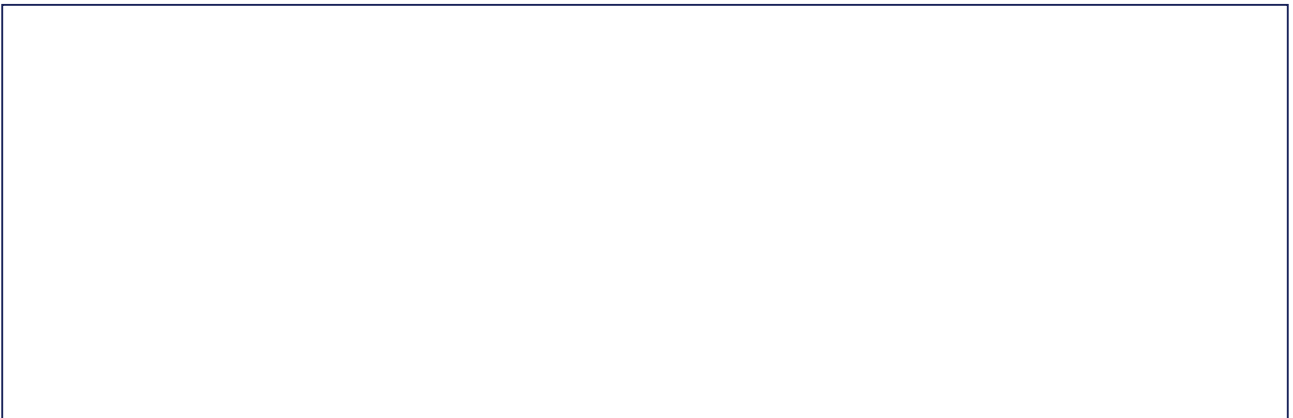
4. If apples cost £2 each, how much would 5 apples cost? Show your working out. (3 marks)

5. Max finds 3 rows of berries with 10 berries in each row. Explain how you would work out the total number of berries. Use the word 'groups'. (4 marks)

6. Max has 20p. He wants to buy pears that cost 5p each. How many pears can he buy? Explain your thinking using a number sentence or a drawing. (6 marks)

7. Max wants to organise a jungle party. Write a short story (3-5 sentences) about Max using multiplication to share 15 pieces of fruit equally between 3 friends. Include the words 'equal' and 'groups'. (5 marks)

Draw: Draw an array of 12 stars arranged in 3 rows of 4.



Extension challenge: Total: /25