

Max the Monkey's Multiplication Mission

Learning objective: To recall and use multiplication facts for the 6, 7, and 9 multiplication tables and solve problems involving multiplication.

Help Max the Monkey solve these multiplication puzzles. Remember to show your working out clearly!

Max the Monkey loves finding patterns in the jungle. He has discovered that if he picks 6 bananas from each of the 8 trees in his favourite grove, he can calculate the total number of bananas using the 6 times table. Max also knows that if he arranges his collection of 9 shiny pebbles into 7 neat rows, he has 63 pebbles in total. Maths is everywhere for Max!

Word bank: product · multiple · multiplication · array · factor

1. Max finds 7 bunches of grapes, and each bunch has 9 grapes. How many grapes are there altogether? (2 marks)

2. If Max has 6 baskets and he puts 12 apples in each, what is the total number of apples? (Hint: Use your 6 times table facts). (2 marks)

3. Max bought 4 notebooks for his poetry at £7 each. How much did he spend in total? (2 marks)

4. Complete this sequence: 9, 18, 27, __, 45, 54. (1 mark)

5. Explain how you would use the 3 times table to help you work out 6×8 . (2 marks)

Draw: Draw an array of 6 rows of 4 stars to show the multiplication calculation $6 \times 4 = 24$.



Extension challenge: Max has £50. If he buys 7 packs of colouring pencils at £6 each, how much change will he have left? Show your calculation steps.