

Max's Multiplication Mission

Learning objective: To recall and use multiplication facts for the 3, 6, 9, 7, and 11 multiplication tables.

Read the questions carefully and use your knowledge of times tables to help Max the monkey solve his puzzles. Show your working out where possible.

Max the monkey is organising his jungle pantry. He loves to keep his fruit in tidy rows to make counting easier. He has 8 baskets of bananas, with 6 bananas in each basket. He also has 11 crates of mangoes, with 7 mangoes in each crate. Max uses his multiplication skills to work out exactly how many pieces of fruit he has for his friends.

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

1. Using the passage, calculate how many bananas Max has in total. Write the multiplication calculation and the answer. (2 marks)

2. Max has 11 crates of mangoes with 7 in each. What is the total number of mangoes? Show your multiplication calculation. (2 marks)

3. If Max finds 9 more baskets of apples, and each basket contains 4 apples, how many apples does he have? Write the calculation as a multiplication sentence. (2 marks)

4. Max says that 6×8 is the same as 8×6 . Explain why he is correct using the word 'commutative'. (2 marks)

5. Max has 54 coconuts. He wants to put them into 6 equal piles. How many coconuts will be in each pile? (2 marks)

Draw: Draw an array to represent the calculation 4×7 . Use small circles to show the rows and columns.



Extension challenge: Max has a challenge for you: If Max has 12 boxes with 11 coconuts in each, he gives 2 boxes away. How many coconuts does he have left? Write out the calculation steps clearly.