

Max's Multiplication Mountain Challenge

Learning objective: To recall and use multiplication and division facts for multiplication tables up to 12×12 .

Help Max the monkey reach the top of Multiplication Mountain by solving these calculations. Show your working out clearly to earn full marks.

Max the monkey is planning a jungle feast. He has 12 trees, and each tree has 9 bananas growing on it. To make sure he has enough for all his friends, he needs to calculate the total number of bananas. Max also has 132 mangoes that he wants to share equally between 11 of his animal friends. He knows that his times tables are the secret to solving these tricky puzzles quickly!

Word bank: multiplication · product · factor · multiple · division · remainder · equation

1. Using the information in the passage, how many bananas does Max have in total? Write the multiplication equation. (2 marks)

2. If Max shares 132 mangoes equally between 11 friends, how many mangoes does each friend receive? (2 marks)

3. Calculate the following: $8 \times 7 = ?$ and $12 \times 6 = ?$ (2 marks)

4. Find the missing number in this equation: $? \times 9 = 81$. (1 mark)

5. If a bag of nuts costs £4, how much would it cost to buy 12 bags for the feast? (2 marks)

Draw: Draw Max the monkey standing at the base of a mountain, with a pile of 12 trees next to him, each showing the number 9 on its trunk.



Extension challenge: Max finds a hidden stash of 144 walnuts. If he puts them into bags of 12, how many bags will he fill? If each bag costs £3 to sell at the jungle market, what is the total value of all the bags?