

Max's Multiplication Mission

Learning objective: To recall and use multiplication facts for the 3, 6, 9, 7, 11 and 12 multiplication tables.

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

Max the monkey is organising a feast for his friends in the jungle. He has 7 baskets, and each basket holds 9 juicy mangoes. He also has 12 plates, and he wants to put 6 berries on each plate. Max loves to solve these puzzles before he starts snacking!

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

1. Using the passage, calculate the total number of mangoes Max has. Show your multiplication calculation. (2 marks)

2. If Max puts 6 berries on each of his 12 plates, how many berries does he use in total? (2 marks)

3. Calculate the product of 8 and 7. (1 mark)

4. Pip the caterpillar has 11 pages in his book. If each page has 9 words on it, how many words are there altogether? (2 marks)

5. Max finds 4 groups of 6 coconuts. Write the multiplication calculation and the final answer. (2 marks)

Draw: Draw an array to show 3 rows of 7 flowers for Zara the zebra.



Extension challenge: Max has £50 to spend at the fruit market. If apples cost £3 each, what is the maximum number of apples he can buy, and how much change will he have left?