

Max the Monkey's Multiplication Challenge

Learning objective: To recall and use multiplication and division facts for the 2, 5, and 10 multiplication tables, including recognising odd and even numbers.

Read each question carefully. Show your working out in the space provided. Max the Monkey is here to help you solve these math puzzles!

Max the Monkey is busy organising his jungle fruit store. He likes to arrange his snacks into neat groups so he can count them quickly. Help Max finish his inventory by solving these multiplication and division problems.

Word bank: multiply · product · groups of · times · equal · array

1. Max has 4 bunches of bananas. Each bunch has 5 bananas. How many bananas does Max have in total? Show your calculation. (2 marks)

2. Complete the number sentence: $10 \times 3 = \underline{\quad}$. Is the answer an odd or even number? (2 marks)

3. Max has 12 apples. He wants to put them into equal groups of 2. How many groups will he have? (2 marks)

4. Zara the Zebra wants to buy some mangoes. Each mango costs £2. Zara buys 6 mangoes. How much money does she spend altogether? Show your working. (3 marks)

5. Look at this array of coconuts: there are 5 rows with 3 coconuts in each row. Write two multiplication sentences and two division sentences to describe this array. (4 marks)

6. Max says, 'If I have 5 groups of 10, it is the same as having 10 groups of 5.' Is Max correct? Explain your answer using what you know about multiplication. (3 marks)

7. Max is planning a jungle party. He needs to buy 9 packs of party hats. Each pack costs £5. He also buys 4 packs of balloons, and each pack costs £2. Write a short story or explanation to show how much money Max spends in total. Include your calculations. (9 marks)

Draw: Draw an array to show 3×4 , using small circles to represent monkey treats.



Extension challenge: Total: /25