Max the Monkey's Multiplication Maths Challenge

Learning objective: To recall and use multiplication facts for the 2, 5, and 10 multiplication tables and solve problems involving arrays and repeated addition.

Read each question carefully. Show your working out clearly to earn marks. You have 25 marks to earn!

Max the Monkey is busy organising his fruit shop. He likes to arrange his fruit into neat rows and columns so he can count them quickly. Help Max solve these maths puzzles!

Word bank: array · multiply · groups of · repeated addition · total · times

1. Max has 4 bunches of bananas. Each bunch has 5 bananas. How many bananas does Max have in total? Write this as a multiplication sentence. (2 marks)

2. Draw an array to show 3 x 2. Then, write the total. (3 marks)

3. Complete the missing numbers in the sequence: 5, 10, 15, __, 25, 30, __. (2 marks)

4. Max is selling apples for 2p each. If a customer buys 6 apples, how much will they spend in total? Show your working out. (3 marks)

5. Explain why 5 x 3 is the same as 3 x 5. You can use a diagram to help your explanation. (4 marks)

6. Max has 10 bags of oranges. Each bag costs £5. How much money would it cost to buy all the bags? Write a word problem that uses this multiplication, and then solve it. (5 marks)

7. True or False: 2 x 8 is the same as 2 + 8. Explain your reasoning. (3 marks)

8. Calculate: 10 x 3 = ? (3 marks)

Draw: Draw a picture of Max the Monkey with 2 baskets, where each basket contains 4 oranges. Show the total number of oranges in your drawing.

Extension challenge: Total: /25