

Year 3 Maths Assessment: Multiplication and Division

Learning objective: To recall and use multiplication and division facts for the 3, 4, and 8 multiplication tables.

Read each question carefully. Show your working out where possible. Max the monkey is here to help you check your maths puzzles!

Max the monkey is busy organising his collection of fruit. He has bowls of bananas, crates of apples, and boxes of pears. He needs your help to work out the totals for his fruit shop.

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

1. Max has 4 bowls. Each bowl contains 8 bananas. Write a multiplication calculation to find the total number of bananas and solve it. (2 marks)

2. Max has 24 apples. He wants to share them equally into 3 crates. How many apples will go in each crate? Write the division calculation. (2 marks)

3. Complete the missing numbers in this sequence: 8, 16, 24, ____, 40, _____. (2 marks)

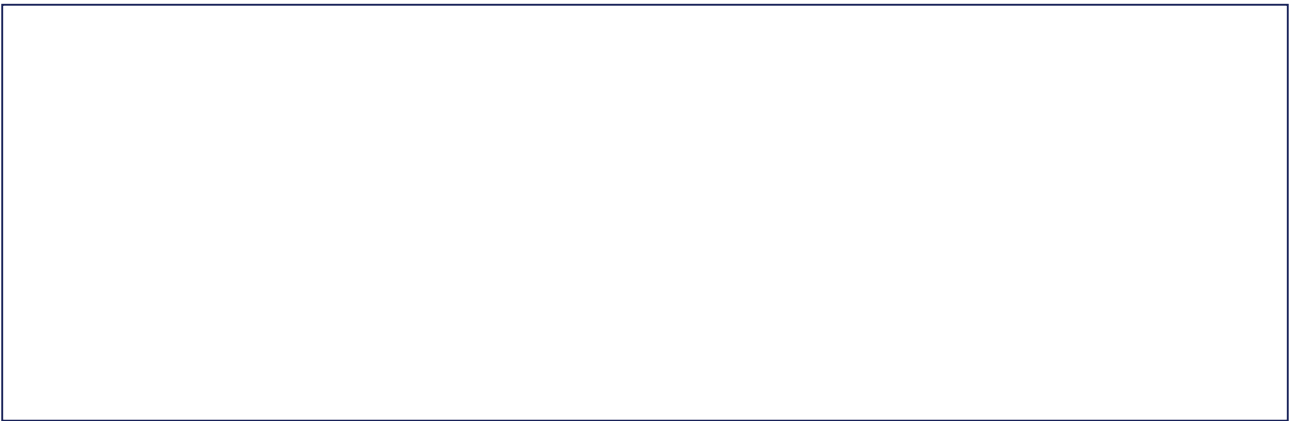
4. If one pear costs 3p, how much would it cost to buy 8 pears? Show your working out. (3 marks)

5. Zara the zebra draws an array of dots. There are 4 rows and 3 columns. How many dots are there in total? Draw the array and write the multiplication fact. (4 marks)

6. Max finds 32 coins. He puts them into piles of 4. How many piles can he make? Explain how you know your answer is correct using your knowledge of division. (4 marks)

7. Max is planning a fruit party. He needs to buy 8 bags of oranges. Each bag costs £4. He also needs 5 bunches of grapes that cost £3 each. Calculate the total cost of all the fruit. Write a story explaining how Max calculated the final price. (8 marks)

Draw: Draw an array of 12 stars arranged in 3 rows of 4.



Extension challenge: Total: /25. Challenge: If Max had £50, how much change would he have left after buying the fruit in the final question?