

Max's Magnificent Division Mission

Learning objective: To recall and use division facts for the 3, 4, 6, 7, 8, 9, 11 and 12 multiplication tables and solve problems involving grouping and sharing.

Help Max the monkey organise his fruit shop! Use your knowledge of times tables to solve these division problems. Remember, division is just sharing into equal groups.

Max the monkey has opened a fruit shop in the jungle. He has a crate of 48 shiny mangoes. He wants to put them into bags of 6 so he can share them with his friends. Max knows that 6 multiplied by 8 equals 48, so he calculates that 48 divided by 6 equals 8 bags. Next, Max has 35 golden bananas. He wants to share them equally among 7 monkeys. He thinks, 'If 7 times 5 is 35, then each monkey gets 5 bananas!'

Word bank: dividend · divisor · quotient · remainder · share · grouping

1. Max has 32 coconuts. If he puts them into 4 equal piles, how many coconuts will be in each pile? (2 marks)

2. Ellie the elephant buys 72 strawberries. She shares them equally between 8 friends. How many strawberries does each friend receive? (2 marks)

3. If Max has 45 apples and puts them into bags of 9, how many bags will he have? (2 marks)

4. A box of exotic starfruit costs £24. If there are 3 starfruit in a box, how much does one starfruit cost? (2 marks)

5. Explain why 50 divided by 5 is the same as finding how many 5s go into 50. (2 marks)

Draw: Draw a picture of Max the monkey sharing 20 oranges equally into 4 colourful baskets.



Extension challenge: Max has 53 grapes. He wants to put them into bags of 6. How many full bags will he have, and how many grapes will be left over as a remainder?