

Max the Monkey's Division Adventure

Learning objective: To practise dividing numbers using grouping and sharing methods.

Read each question carefully. Use the word bank to help you. Write your answers in the boxes provided.

Max the monkey is organising his fruit snacks. He has 20 bananas and 15 apples. He wants to share them fairly with his friends.

Word bank: divide · share · remainder · equal · group

1. Max has 12 nuts. He shares them equally between 3 bowls. How many nuts are in each bowl? Show your working. (2 marks)

2. Divide 20 by 5. Write your answer here. (2 marks)

3. Max has £16. He wants to buy stickers that cost £2 each. How many stickers can he buy? Use the sentence starter: Max can buy ____ stickers because 16 divided by 2 is _____. (3 marks)

4. Solve: $24 \div 4 = ?$ Explain how you found your answer. (3 marks)

5. Max has 13 berries. He puts them into groups of 3. How many groups can he make? How many berries are left over? (Hint: The leftovers are called a remainder). (4 marks)

6. Max has a party. He has 40 grapes. He needs to share them between 8 friends. Write a story about how he shares the grapes. Explain the steps he takes to make sure everyone gets an equal amount. (5 marks)

7. What is $30 \div 3$? (2 marks)

8. True or False: 15 divided by 3 is 6. Explain your answer. (4 marks)

Draw: Draw 12 circles in 3 equal groups to show how Max shares his nuts.

Extension challenge: Total: /25. Can you write a division calculation that has a remainder of 1?