

Max's Math Challenge: Sharing is Caring

Learning objective: To solve division problems by sharing objects into equal groups and understanding the relationship between multiplication and division.

Help Max the monkey solve his jungle sharing puzzles! Read each word problem carefully, draw your groups, and write the division number sentence to show your working out. Remember to check if your groups are equal.

Word bank: divide · share · equal groups · remainder · total · altogether · multiplication · calculation

1. Max has 12 shiny marbles. He wants to share them equally between 3 friends. How many marbles does each friend get? Show your working out. (2 marks)

2. There are 20 bananas in a bunch. If Max gives 5 bananas to each monkey, how many monkeys can he feed? Write the division sentence. (2 marks)

3. Zara has 15 paintbrushes. She puts 3 brushes into each jar. How many jars does Zara need? Explain how you found your answer. (3 marks)

4. If you have 10p and share it equally between 2 piggy banks, how much money is in each bank? Remember to use the £ symbol. (2 marks)

5. Write your own division story using the number 16. What are you sharing, and who are you sharing it with? (3 marks)

Extension challenge: Can you check your answers by using multiplication? For example, if 12 divided by 3 is 4, does 4 times 3 equal 12?