Max’s Magnificent Maths Challenges

Learning objective: To solve addition, subtraction, multiplication, and division word problems involving money and measures.

Help Max the monkey solve these puzzles! Show your working out clearly for every question to earn full marks.

Max the monkey is helping his friends organise a picnic and a sports day. He loves finding the patterns in the numbers to help them get everything ready!

Word bank: total · difference · calculate · altogether · share · multiply

1. Max buys 3 bags of monkey nuts for £2 each and 2 bunches of bananas for £4 each. How much does he spend in total? (2 marks)

2. Ellie the elephant has a collection of 48 shiny pebbles. She wants to share them equally between 4 of her friends. How many pebbles does each friend receive? (2 marks)

3. Pip the caterpillar is reading a book that is 95 pages long. If Pip has already read 37 pages, how many more pages does Pip need to read to finish the book? (2 marks)

4. Zara the zebra has 6 art canvases. Each canvas costs £5. If Zara pays with a £50 note, how much change should she receive? (3 marks)

5. Kit the fox is building a robot. Each robot leg takes 8 minutes to build. If the robot has 4 legs, how many minutes will it take Kit to build all the legs? (2 marks)

Draw: Draw Max the monkey standing next to a pile of 3 bags of nuts and 2 bunches of bananas, showing the total price he spent on a chalkboard.

Extension challenge: Max has £20. He wants to buy 5 items that cost £3 each. Does he have enough money? Explain how you know by writing a number sentence.