Max’s Mathematical Adventures: Word Problems Assessment

Learning objective: To solve word problems involving addition, subtraction, multiplication, and division using pounds and pence, measures, and statistics.

Read each question carefully. Show your working out in the space provided to earn full marks. Remember to include the correct units (£, cm, or kg) in your final answer.

Max the monkey is helping his friends prepare for the annual Forest Festival. He uses his maths skills to make sure everything is ready on time.

Word bank: total · difference · multiply · divide · shared · altogether · remainder

1. Max buys 3 bags of shiny pebbles for the art stall. Each bag costs £4. How much does Max spend in total? (2 marks)

2. Leo the lion has a piece of ribbon that is 45cm long. He cuts off a piece that is 12cm long to decorate a sign. How long is the ribbon now? (2 marks)

3. Bea the honeybee collects 28 flowers. She wants to share them equally between 4 baskets. How many flowers will go in each basket? (2 marks)

4. Ellie the elephant is carrying a backpack that weighs 15kg. She adds a book that weighs 3kg and a water bottle that weighs 2kg. What is the total weight of Ellie's backpack now? (2 marks)

5. Zara the zebra has £20. She spends £8 on paintbrushes and £5 on a large canvas. How much change does Zara have left? Show your working out. (4 marks)

6. Pip the caterpillar is measuring the height of beanstalks for the garden competition. Beanstalk A is 34cm tall. Beanstalk B is 56cm tall. What is the difference in height between the two beanstalks? (3 marks)

7. Max is organising a fruit stall. He has 4 boxes of apples. Each box contains 8 apples. He sells 15 apples to the forest animals during the morning. How many apples does Max have left? Explain your steps clearly. (5 marks)

8. Finn the dolphin finds 35 seashells. He groups them into piles of 5. How many piles can he make? (3 marks)

Draw: Draw a picture of Max the monkey using a notepad and pencil to solve a maths problem near a colourful forest stall.

Extension challenge: Total: /25