

Year 4 Maths: Problem Solving Challenge

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

Read each question carefully. Show your working out in the space provided. If you get stuck, remember to look for the key numbers and decide which operation you need to use.

Max the monkey is helping his friends organise a summer fair. He loves using maths to make sure everything is ready for the big day!

Word bank: operation · total · difference · multiply · divide · remainder · exchange

1. Max is buying balloons for the fair. A pack of balloons costs £4.50. If he buys 3 packs, how much does he spend in total? (2 marks)

2. Ellie the elephant has £20.00 to spend on streamers. She buys streamers that cost £12.75. How much change should she receive? (3 marks)

3. Pip the caterpillar has 48 bookmarks to sell at a stall. He wants to share them equally between 4 baskets. How many bookmarks go in each basket? (3 marks)

4. Zara the zebra is painting signs. She has a ribbon that is 84 centimetres long. She cuts it into 4 equal pieces to hang her signs. How long is each piece of ribbon? (3 marks)

5. Kit the fox has 125 tokens for the game stall. He gives 46 tokens to Leo the lion and 39 tokens to Bea the honeybee. How many tokens does Kit have left? (4 marks)

6. Max wants to buy apples for the friends. Apples cost 25p each. If Max has £3.00, how many apples can he buy? Show your method clearly. (5 marks)

7. Finn the dolphin needs to arrange 62 shells into groups of 5. How many full groups can he make, and how many shells will be left over? (5 marks)

Draw: Draw a picture of Max the monkey counting his coins at the fair, ensuring you draw at least three different coin values.



Extension challenge: Total: /25