Max’s Christmas Maths Challenge

Learning objective: To solve addition, subtraction, and money problems involving Christmas-themed objects.

Read each question carefully. You may use your fingers or a number line to help you work out the answers.

Max the monkey is helping his friends prepare for the Christmas party. He has a basket of 10 shiny baubles and a box of 8 candy canes. He needs to count the decorations, check the price of presents, and share his treats fairly.

Word bank: more · less · total · altogether · equals · penny · pound

1. Max has 10 red baubles and 5 gold baubles. How many baubles does he have altogether? (2 marks)

2. There are 12 mince pies on a tray. If Max eats 2 of them, how many are left? (2 marks)

3. A small gift costs £5. Zara the zebra gives Max a £10 note to pay for it. How much change should Max give back to Zara? (3 marks)

4. Leo the lion has 3 stockings. Each stocking needs 4 chocolate coins inside. If Leo fills all the stockings, how many chocolate coins does he use in total? Show your working out. (4 marks)

5. Max has 15 Christmas cards to post. He has already posted 7 of them. Write a number sentence to show how many cards he has left to post. (4 marks)

6. Max wants to buy a present for Pip. The present costs £8. He has two £2 coins and one £5 coin in his pocket. Does he have enough money? Explain your answer using what you know about adding numbers. (5 marks)

7. If you had 20p and you spent 6p on a candy cane, how much money would you have left? (5 marks)

Draw: Draw a picture of Max the monkey sharing 6 star-shaped biscuits equally between himself, Pip, and Nova.

Extension challenge: Total: /25