Max the Monkey's Subtraction Challenge

Learning objective: To subtract numbers using concrete objects, pictorial representations, and mental methods, including crossing ten.

Read each question carefully. Show your working out in the space provided. Remember to use your number bonds to help you solve the problems.

Max the Monkey is sorting his collection of fruit. He started with 45 bananas, but he gave 12 away to his friends. Now, he is helping his friends at the market calculate the cost of their shopping.

Word bank: difference · subtract · take away · minus · less than · column method

1. Max has 18 shiny pebbles. He gives 7 to Pip the caterpillar. How many pebbles does Max have left? Show your working. (2 marks)

2. Solve these calculations: a) 35 - 12 = ____ b) 48 - 25 = ____ (2 marks)

3. Calculate 62 - 27. Show your method using tens and ones (partitioning). (3 marks)

4. A toy car costs £25. A toy boat costs £12. How much more does the toy car cost than the toy boat? Write a number sentence to show your answer. (3 marks)

5. There are 84 books on a shelf. Leo the Lion takes 36 books to read to the class. How many books are left on the shelf? Explain how you found your answer. (4 marks)

6. Max has a £50 note. He buys a bag of fruit that costs £28. How much change should he receive? Show the steps you took to calculate this. (3 marks)

7. Extended Writing: Imagine you are a shopkeeper. Write a short story about a customer who buys an item for £15 and pays with a £20 note. Explain to them, step-by-step, how you calculate the change you owe them. (8 marks)

Draw: Draw a picture showing 15 apples in a basket, with 6 apples being taken away. Label the subtraction number sentence underneath.

Extension challenge: Total: 25/25