

Max's Market Challenge: The Subtraction Stall

Learning objective: To subtract whole numbers with more than 4 digits, including using formal written methods (column subtraction) and solving multi-step money problems.

Max the monkey is helping out at the local community market. He needs your help to calculate the 'change' for his customers. For each task, show your working out using the column subtraction method. Ensure you line up your digits correctly in columns of ten-thousands, thousands, hundreds, tens, and ones.

Word bank: difference · column subtraction · exchange · place value · remainder · total · calculate

1. A customer buys a hand-woven basket for £12.50. They pay with a £50.00 note. What is the difference between the price and the cash given? Show your calculation. (2 marks)

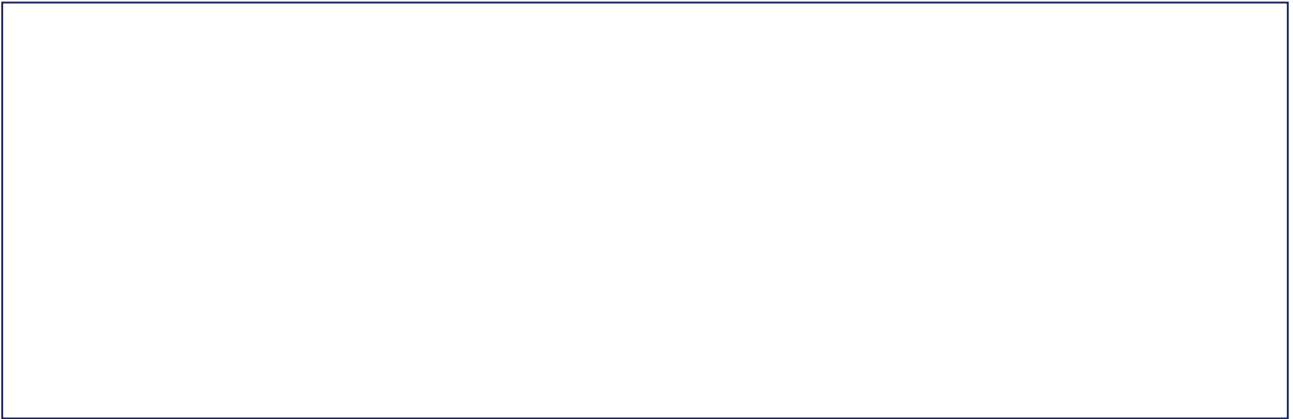
2. The market stall started the day with £8,450 in the till. By midday, they had spent £2,185 on new stock. How much money is left in the till? Show your exchange steps. (2 marks)

3. Max has 9,000 wooden beads for craft kits. He sells 4,672 beads in the morning. How many beads are left for the afternoon? Show your working. (2 marks)

4. A rare book is priced at £75.40. A customer has a voucher for £15.75 off. What is the new price of the book? (2 marks)

5. Explain why it is important to 'exchange' (or regroup) when the digit in the top number is smaller than the digit in the bottom number during subtraction. (2 marks)

Draw: Draw a small market stall with Max the monkey standing behind it, holding a clipboard. Include labels showing items for sale with prices written in £ and p.



Extension challenge: Max has £100.00. He wants to buy three different items priced at £24.50, £32.20, and £18.90. After buying all three, how much money will he have remaining? Write out your full calculation.