

Max's Market Stall Subtraction Challenge

Learning objective: To subtract numbers with up to four digits using formal written methods and solve problems involving money.

Max the monkey is helping at the local community market today. Use your subtraction skills to help him calculate the change and the remaining stock. Show your working out clearly.

Max has 2,500 apples to sell at the market. By lunchtime, he has sold 1,245 apples. He also has a stall selling woven baskets. A customer buys a basket for £12.50. They pay with a £20.00 note. Max needs to calculate how many apples he has left and how much change he needs to give the customer.

Word bank: difference · column subtraction · exchange · total · remaining · change

1. How many apples does Max have left to sell after selling 1,245 of his original 2,500? (2 marks)

2. Calculate the change Max must give to the customer who paid £20.00 for a £12.50 basket. (2 marks)

3. If Max sells another 350 apples in the afternoon, how many will he have left in total from his starting 2,500? (2 marks)

4. A box of honey from Bea costs £8.75. If you have a £10.00 note, how much change should you receive? (2 marks)

5. Explain why it is important to line up the decimal point when subtracting amounts of money. (2 marks)

Draw: Draw a picture of Max's market stall. On your drawing, label the baskets with a price of £15.00 and draw the change a customer would receive if they paid with a £20.00 note.



Extension challenge: Max finds a crate of 4,000 oranges. If he sells 1,285 in the morning and 970 in the afternoon, how many oranges are left by the end of the day? Write your calculation as a multi-step word problem for a partner to solve.