

Max's Market Maths: Subtraction Challenge

Learning objective: To subtract amounts of money and 3-digit numbers using formal written methods or mental strategies.

Read the story below and help Max solve his shopping puzzles. Remember to show your working out clearly.

Max the monkey is helping his friends prepare for a forest picnic. He has a budget of £5.00 to spend at the local market. First, he buys a bunch of bananas for £1.45. Then, he finds a bag of crunchy carrots for 85p. After that, he decides to buy a jar of wildflower honey which costs £1.20. Max needs to keep track of how much money he has left in his pocket after each item he puts in his basket.

Word bank: difference · subtract · total · remaining · exchange · pence · pounds

1. Max starts with £5.00. After buying the bananas for £1.45, how much money does he have remaining? (2 marks)

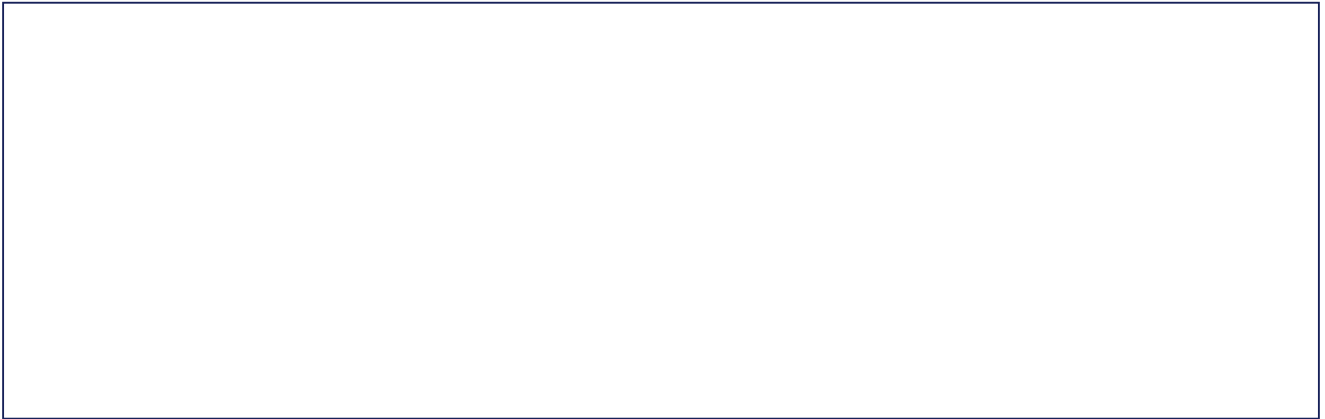
2. Max then spends 85p on carrots. How much money is left after buying both the bananas and the carrots? (2 marks)

3. Calculate the difference between the cost of the honey (£1.20) and the cost of the bananas (£1.45). (2 marks)

4. If Max buys all three items (bananas £1.45, carrots 85p, honey £1.20), how much change will he get from his £5.00 note? (3 marks)

5. If a punnet of strawberries costs £2.10, does Max have enough money left to buy them after purchasing the bananas, carrots, and honey? Explain your reasoning. (2 marks)

Draw: Draw a picture of Max the monkey at the market stall. Show the items he bought and write the total cost of his basket next to the drawing.



Extension challenge: Max finds a special offer! If he spends more than £4.00, he gets 50p back. If he buys the bananas, carrots, honey, and a box of crackers for £1.10, how much money would he actually spend after receiving his 50p back?