

Max's Market Challenge: A Maths Puzzle Adventure

Learning objective: To solve multi-step word problems involving addition, subtraction, multiplication, and division in a real-world money context.

Max the monkey is helping his friends prepare for a forest picnic. Help him calculate the costs for their shopping trip by matching the correct calculation steps to the problem. Solve the final amounts for each question below, ensuring you show your working out.

Word bank: Calculate · Total · Difference · Quotient · Product · Remainder · Budget

1. Max buys 6 punnets of strawberries at £1.75 each and a bunch of bananas for £2.40. How much does he spend in total? (2 marks)

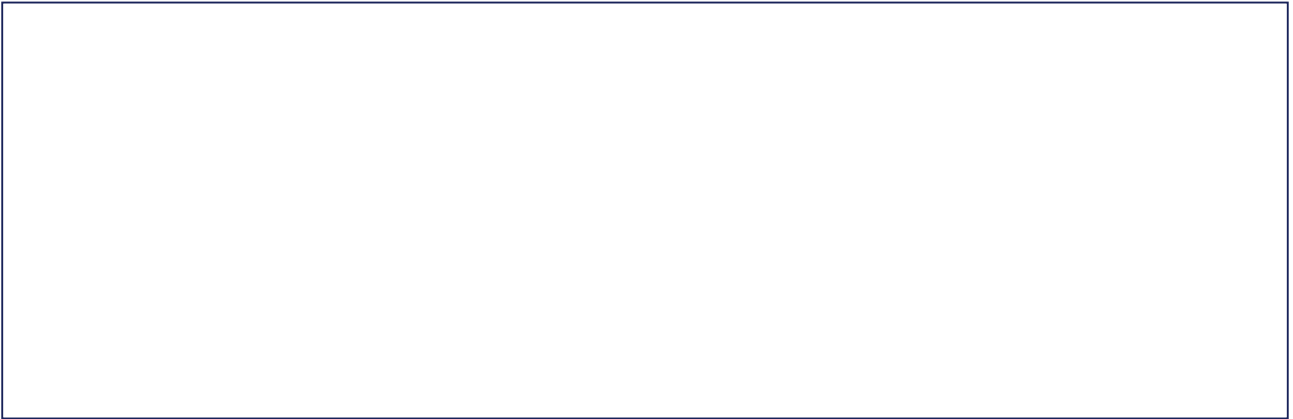
2. Pip the caterpillar has a £20 note. He buys a loaf of bread for £1.65 and 4 jars of honey at £3.20 each. How much change should Pip receive? (3 marks)

3. Zara the zebra needs to buy 15 packs of napkins for the picnic. Each pack costs 85p. If she pays with a £20 note, how much change is she given? (3 marks)

4. Leo the lion buys 8 boxes of crackers to share between 4 friends. If each box costs £2.15, how much does each friend pay if they split the cost equally? (3 marks)

5. Ellie the elephant has £15.00. She wants to buy as many bags of nuts as possible. If each bag costs £1.80, how many bags can she buy and how much money will she have left over? (3 marks)

Draw: Draw a basket filled with the items Max, Pip, and Zara bought. Label each item with its price and draw a price tag showing the total cost of your basket.



Extension challenge: Max has challenged you: If you had a budget of £50.00, create your own shopping list for a class party. List at least five different items with prices, calculate the total, and determine how much change you would have from your £50.00.