

Max's Festive Feast Budget Challenge

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication of money in the context of a Christmas party budget.

Max the monkey is organising a Christmas party for all his friends in the forest. He has a total budget of £50.00. Use the price list below to help Max calculate his shopping costs. You must show your working out for each step. Remember to use the decimal point correctly when calculating Australian dollars and cents.

Word bank: £4.50 (Bag of holly berries) · £3.25 (Sparkling winter juice) · £6.75 (Festive fruit platter) · £1.99 (Pack of paper napkins) · £5.50 (Roasted chestnut bag) · £12.00 (Decorative forest lights)

1. Max decides to buy two bags of holly berries and three packs of paper napkins. Calculate the total cost of these items. Show your working. (2 marks)

2. If Max buys the decorative forest lights and two bottles of sparkling winter juice, how much money will he have left from his £50.00 budget? (2 marks)

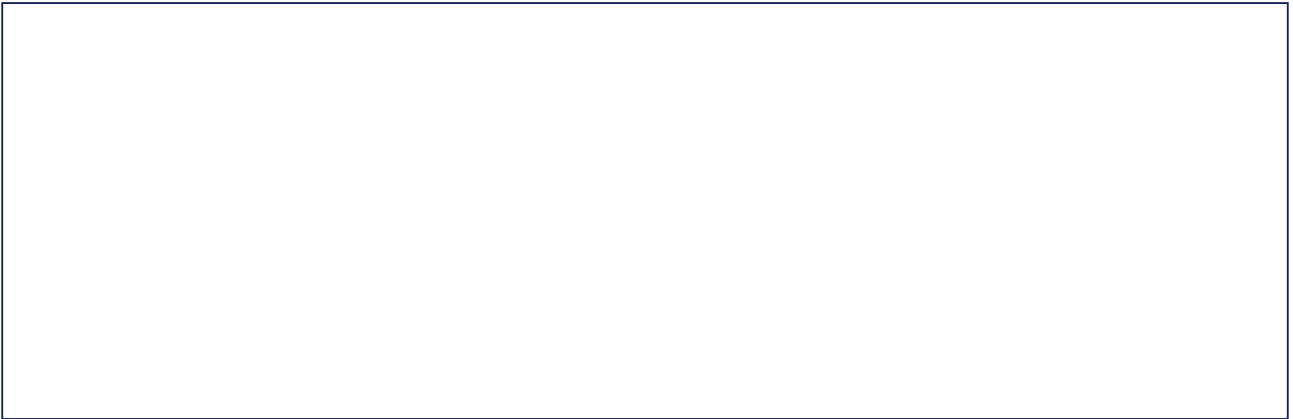
3. Max wants to buy one of everything on the list. Justify whether he has enough money in his £50.00 budget to do this. Explain your reasoning. (3 marks)

4. Compare the cost of buying three festive fruit platters versus buying five bags of roasted chestnuts. Which is more expensive and by how much? (3 marks)

5. What might happen to Max's budget if the price of the decorative forest lights increased by £2.50? Calculate the new total cost for the whole shopping list. (2 marks)

6. If Max finds a voucher that gives him £5.00 off his total bill, how many extra bags of holly berries could he afford to buy with the saved money? (2 marks)

Draw: Draw a festive table setting for Max and his friends, and label each item with its price from the list provided.



Extension challenge: Design your own 'Party Menu' with at least four items. Assign each item a price using Australian dollars and cents. Write a word problem for a partner to solve that requires them to calculate the cost of a party for ten guests, where each guest needs two items from your menu.