

Max's Festive Feast and Fête

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

Help Max the monkey calculate the costs for the annual forest Christmas party. Show your working out clearly for each calculation.

Max is organising the Big Winter Gathering for all his friends. He has a budget of £100.00 to spend on party supplies. He buys 15 bags of golden forest nuts at £2.40 each, a large crate of star-shaped biscuits for £18.50, and decorative holly garlands costing £12.75. Before the party, he also needs to purchase 8 bundles of fairy lights, which cost £3.60 per bundle. Max needs to make sure he stays within his £100.00 budget while ensuring everyone has enough snacks to eat.

Word bank: calculate · total · budget · remainder · festive · expenditure

1. Calculate the total cost of the 15 bags of golden forest nuts. Max thinks they cost £36.00 in total. Is he correct? (2 marks)

2. What is the total cost for the fairy lights? Show your method. (2 marks)

3. Calculate the total expenditure for all items (nuts, biscuits, garlands, and lights). (3 marks)

4. If Max started with £100.00, how much money does he have left in his budget after buying all the supplies? (2 marks)

5. If Max decides to buy 10 extra boxes of crackers at £1.25 each, will he still have enough money left in his budget? Explain your reasoning. (3 marks)

Draw: Draw a festive table set up in the forest, including the items Max purchased, and label them with their price tags.



Extension challenge: Max finds a shop that offers a 10% discount on orders over £80.00. Calculate how much money Max would save if his total order qualified for this discount.