

Max's Festive Maths Workshop

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication using pounds and pence.

Max the monkey is helping the forest animals prepare for their festive feast. Read the price list and help him calculate the costs for the party!

At the forest market, a bag of holly berries costs £1.25. A bundle of pine branches is £2.50. A large star decoration is £4.75, and a box of winter glow-worms costs £3.00. Max has a budget of £20.00 to buy supplies for the animals' celebration.

Word bank: total · calculate · remainder · multiplication · addition · budget

1. Max decides to buy 3 bags of holly berries. What is the total cost of the berries? (2 marks)

2. If Max buys one bundle of pine branches and one large star decoration, how much change will he get from a £10.00 note? (2 marks)

3. Max wants to buy 2 boxes of winter glow-worms and 1 bag of holly berries. Does he have enough money in his £20.00 budget? Explain your reasoning. (3 marks)

4. Write a number sentence to show the total cost of 4 bags of holly berries. (1 mark)

5. If every animal needs one bundle of pine branches and there are 6 animals, what is the total cost for the branches? (2 marks)

Draw: Draw Max the monkey standing next to his pile of festive shopping, with the prices clearly labelled on each item.



Extension challenge: Max finds a 'buy one get one free' offer on the pine branches. How many branches could he get for £10.00 now? Show your working out.