

Max's Festive Fairground Maths

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication using pounds and pence in a real-world context.

Help Max the monkey calculate the costs for the winter festival. Remember to show your working out for every question and use the £ symbol correctly in your answers.

Max the monkey is helping organise the Winter Festival stall. He has a budget of £50 to buy decorations. He needs to buy 6 boxes of star-shaped lights at £4 each, and 8 packs of silver tinsel at £3 per pack. He also wants to buy a large box of festive chocolates for his friends, which costs £9.50. Max needs to make sure he has enough money left over to buy hot chocolate for everyone at the end of the day.

Word bank: total · calculate · product · difference · remainder · estimate

1. How much will the 6 boxes of star-shaped lights cost in total? (2 marks)

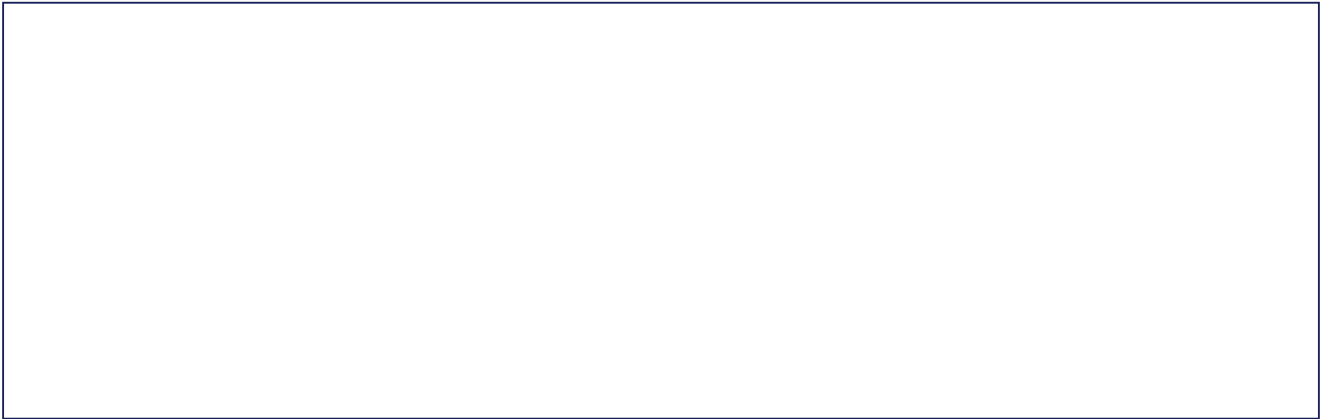
2. What is the total cost of the 8 packs of silver tinsel? (2 marks)

3. Calculate the total cost of all the items (lights, tinsel, and chocolates). (3 marks)

4. If Max started with £50, how much money will he have remaining after buying all the items? (3 marks)

5. Max decides to buy 4 extra bows for £1.20 each. How much will these cost in total? (2 marks)

Draw: Draw a sketch of Max's festival stall, including the 6 boxes of lights and 8 packs of tinsel neatly stacked on the table.



Extension challenge: Max finds a 'buy one get one free' offer on the chocolates. If he buys 2 boxes for £9.50, how much money does he save compared to buying them individually? Show your calculation.