

Max's Festive Feast and Gift Maths

Learning objective: To solve addition, subtraction, multiplication, and division problems involving money and measures in a Christmas context.

Read each question carefully. Show your working out in the space provided. Remember to include the £ sign for money answers.

Max the monkey is helping his friends prepare for a Christmas party in the forest. He has been busy calculating the costs of decorations and treats. The shop sells candy canes for 25p each. A box of 6 luxury gold baubles costs £4.50. Max has a budget of £20.00 to buy supplies for the animal guests.

Word bank: sum · difference · total · product · remainder · multiplication

1. Max wants to buy 8 candy canes for the guests. How much will they cost in total? Give your answer in pounds (£). (2 marks)

2. If Max buys two boxes of gold baubles, how much change will he have left from a £10.00 note? (2 marks)

3. The forest party starts at 15:45 and lasts for 1 hour and 30 minutes. What time does the party finish? (1 mark)

4. There are 48 mince pies to be shared equally between 4 tables. How many mince pies will be on each table? (2 marks)

5. Max finds a packet of 32 star-shaped biscuits. He eats 5, and then shares the rest equally between 3 friends. How many biscuits does each friend get? (3 marks)

Draw: Draw a symmetrical pattern for a Christmas snowflake that uses at least four different geometric shapes.



Extension challenge: Max has £20.00. He buys 3 boxes of baubles at £4.50 each and 10 candy canes at 25p each. How much money does he have left to spend on festive ribbons that cost 80p per metre? How many full metres of ribbon can he buy?