

Max's Christmas Market Maths

Learning objective: To solve addition and subtraction problems involving money and simple statistics in a festive context.

Read the story below and help Max the monkey calculate the costs for the Christmas party. Remember to use the £ symbol for your answers.

Max the monkey is helping to organise a Christmas party for his forest friends. He visits the market to buy supplies. He sees a box of shiny baubles for £4, a string of colourful fairy lights for £7, and a packet of star-shaped biscuits for £3. Max has a £20 note in his pocket. He wants to make sure he has enough money to buy everything he needs.

Word bank: total · change · pence · pounds · addition · subtraction · cheaper

1. What is the total cost of the baubles and the fairy lights? (2 marks)

2. How much more do the fairy lights cost than the star-shaped biscuits? (2 marks)

3. If Max buys the baubles, the lights, and the biscuits, how much does he spend in total? (2 marks)

4. Max pays for all three items with his £20 note. How much change should he receive? (2 marks)

5. If Max decides to buy two packets of biscuits instead of one, what would the new total cost be for everything? (2 marks)

Draw: Draw a picture of Max the monkey at the market. Show him holding his basket and three of the items he bought. Label the prices of the items in your drawing.



Extension challenge: Imagine Max also wants to buy a gift for Leo the lion that costs £9. Does Max have enough money left from his original £20 to buy the gift as well? Explain your answer.