

Max's Festive Math Workshop

Learning objective: To solve problems involving addition, subtraction, and money using a Christmas theme.

Help Max the monkey solve these festive math puzzles. Show your working out clearly!

Max the monkey is helping prepare for the winter festivities. He is busy counting decorations, wrapping gifts, and visiting the village market.

Word bank: total · change · add · subtract · more · less · pounds · pence

1. Max has 12 shiny baubles. He finds 5 more in a box. How many baubles does Max have in total? (2 marks)

2. A star decoration costs £4 and a ribbon costs £3. How much do they cost altogether? (2 marks)

3. Max has a £10 note. He spends £6 on a gift for his friend. How much change does Max get back? (2 marks)

4. There are 15 mince pies on a tray. Max eats 4 of them. How many mince pies are left on the tray? (2 marks)

5. If each gift box needs 2 ribbons, how many ribbons are needed to wrap 3 gift boxes? (Hint: $2 + 2 + 2$) (2 marks)

Draw: Draw a picture of Max the monkey decorating a small tree with exactly 10 stars and 5 baubles.



Extension challenge: If you had £20 to spend at the Christmas market, what would you buy? List three items and their prices, then add them up to see if you have enough money left over.