

Max's Festive Math Challenge

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

Help Max the monkey calculate the costs for the forest Christmas party. Show your working out clearly.

Max is buying supplies for the BookFlik Christmas party. A pack of star-shaped cookies costs £2.50. A box of red tinsel costs £1.20. A bundle of wrapping paper costs £3.40.

Word bank: total · difference · pounds · pence · calculate · sum

1. Max buys one pack of star-shaped cookies and one box of red tinsel. What is the total cost? (2 marks)

2. The wrapping paper costs £3.40. If Max pays with a £5 note, how much change should he receive? (2 marks)

3. What is the difference in price between the wrapping paper (£3.40) and the tinsel (£1.20)? (2 marks)

4. If Max buys two boxes of tinsel, how much does he spend in total? (2 marks)

5. Pip the caterpillar wants to buy a cookie for £2.50. She has £1.00 and 50p. How much more money does she need? (2 marks)

Draw: Draw a festive scene for the BookFlik party. Include a tree, some presents, and Max the monkey holding a sign that shows the total cost of his shopping.



Extension challenge: Max decides to buy a party hat for 80p. If he adds this to the cost of one pack of cookies (£2.50), what is the new total price?