

Max's Christmas Market Maths

Learning objective: To solve addition, subtraction, and multiplication problems involving money in a real-world context.

Read the story about Max's trip to the Christmas market. Use your maths skills to answer the questions below. Show your working out clearly.

Max the monkey is very excited because it is time for the annual Winter Fair! He has been saving his pocket money and has exactly £20.00 to spend. At the first stall, he finds hand-made star decorations for £1.50 each. He decides to buy 4 stars to decorate his home. Next, he visits Bea the honeybee, who is selling jars of festive honey for £3.25. Max buys 2 jars for his friends. Finally, he spots a book of winter poems for £4.80. Max wants to make sure he has enough money left to buy a hot chocolate for £2.50 before he heads home to read his new book.

Word bank: total · change · product · calculate · remainder · value

1. How much does Max spend in total on the 4 star decorations? (2 marks)

2. What is the total cost of the 2 jars of festive honey? (2 marks)

3. Calculate the total amount Max has spent so far on the stars, the honey, and the poem book. (3 marks)

4. If Max buys all his items and then buys a hot chocolate, how much change will he have from his original £20.00? (3 marks)

5. Max decides he wants to buy a small gift for Pip the caterpillar that costs £3.00. Does he have enough money left over to buy it? Explain your reasoning. (2 marks)

Draw: Draw a picture of Max the monkey carrying his festive shopping bags at the Winter Fair. Label the items with their prices.



Extension challenge: Imagine Max finds a stall where every item is half price. If he bought the poem book at this stall, how much would he save? Create your own 'half-price' Christmas maths word problem for a partner to solve.