

Max's Spooky Autumn Market Maths

Learning objective: To solve multi-step word problems involving money, addition, and subtraction in the context of a seasonal market.

Max the monkey is helping set up the stalls for the Autumn Harvest Festival. Use your maths skills to help Max calculate the total costs and change for the customers. Show your working out clearly for each calculation.

Word bank: total · change · calculate · pence · pounds · operation · value

1. A customer buys three pumpkin lanterns for £4.50 each and a bag of toffee apples for £2.80. What is the total cost of their items? (2 marks)

2. The customer pays with a £20 note. How much change should Max give them? (2 marks)

3. Max has 15 spooky masks to sell at £3.25 each. If he sells all of them, how much money will he have collected in total? (2 marks)

4. A box of spider-web decorations costs £7.99. If a shopper has £15.00, can they afford to buy two boxes? Explain your reasoning. (2 marks)

5. Max finds a box of 40 glow-in-the-dark stickers. He wants to share them equally between 8 children who helped decorate the stall. How many stickers does each child receive? (2 marks)

Draw: Draw a stall at the Autumn Harvest Festival and label three items with a price in pounds and pence.



Extension challenge: Create your own 'spooky' multi-step word problem for a friend to solve. Include at least two different items with prices and a calculation involving change from a £10 or £20 note.