

Max's Spooky Harvest Math Challenge

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

Help Max the monkey organize his spooky harvest festival stall. Read each question carefully and show your working out clearly.

Max has set up a stall selling seasonal treats. He is selling pumpkin lanterns for £3.50, bags of apple slices for £1.20, and spooky spider-web cookies for £0.85 each.

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

1. Pip the caterpillar wants to buy one pumpkin lantern and one bag of apple slices. How much will this cost in total? (2 marks)

2. Zara the zebra buys two spider-web cookies. She pays with a £5 note. How much change should Max give her? (3 marks)

3. Leo the lion has £10. Can he afford to buy three bags of apple slices and one pumpkin lantern? Show your working to explain why or why not. (3 marks)

4. What is the difference in price between the most expensive item and the cheapest item on Max's stall? (2 marks)

5. Kit the fox decides to buy four spider-web cookies for his friends. If he has a £5 note, does he have enough money? How much money will he have left over? (3 marks)

Draw: Draw Max the monkey standing behind his stall. Include a price list on a wooden sign showing the pumpkin lantern at £3.50, the apple slices at £1.20, and the spider-web cookies at £0.85.



Extension challenge: Max decides to offer a 'Spooky Bundle' containing one of each item (a pumpkin lantern, a bag of apple slices, and a spider-web cookie). If he sells the bundle for £5.00 instead of the individual prices, how much money does a customer save compared to buying them separately?