

Max's Spooky Shop Calculations

Learning objective: To solve addition, subtraction, and multiplication problems involving money and measures in the context of a Halloween party.

Max the monkey is helping set up a community Halloween party! Use your maths skills to help him calculate costs, quantities, and totals. Show your working out clearly in the boxes provided.

Word bank: total · difference · multiply · change · calculate · budget · cost · pence · pounds

1. The Party Budget: Max has a budget of £20.00. He buys a bag of pumpkin seeds for £4.50 and some spooky decorations for £7.25. How much money has he spent in total? (2 marks)

2. The Sweet Shop: A bag of gummy eyeballs costs £1.20. If Max needs to buy 6 bags for the trick-or-treat bowls, what will the total cost be? (2 marks)

3. Calculating Change: Max hands over a £10.00 note to buy a spooky spider web net that costs £6.45. How much change should Max receive? (2 marks)

4. Pumpkin Weights: One small pumpkin weighs 2kg and a large one weighs 5kg. If Max buys 3 small pumpkins and 1 large one, what is the total weight in kilograms? (2 marks)

5. Party Planning: If the party starts at 16:30 and lasts for 2 hours and 15 minutes, what time will the party finish? (2 marks)

Extension challenge: Max wants to create a 'spooky snack' that costs exactly £5.00. Design a menu of three items with individual prices that add up to exactly £5.00.