

Max's Spooky Pumpkin Patch Maths

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication using money in context.

Help Max the monkey organise the school pumpkin sale. Read the price list carefully and calculate the totals for the customers. Show your working out clearly.

Max is running a pumpkin stall for the autumn fair. He has three sizes of pumpkins for sale: Small pumpkins cost £2.50 each, Medium pumpkins cost £4.25 each, and Large pumpkins cost £6.75 each. A customer named Sam buys 2 small pumpkins and 1 large pumpkin. A second customer, Lily, buys 3 medium pumpkins but pays with a £20 note. Max needs to make sure he has the right change.

Word bank: total · product · calculate · remainder · multiplication · addition

1. How much does Sam spend in total on his pumpkins? (2 marks)

2. What is the total cost of Lily's 3 medium pumpkins? (2 marks)

3. How much change should Max give to Lily if she pays with a £20 note? (2 marks)

4. If Max sells 5 small pumpkins, how much money has he collected from those sales? (2 marks)

5. Sam decides to buy another small pumpkin. How much would he have spent in total now? (2 marks)

Draw: Draw a display of pumpkins on a wooden stall with price tags showing £2.50, £4.25, and £6.75, and draw Max the monkey holding a clipboard.



Extension challenge: Max finds a box of 12 mini-gourds. If he sells them in packs of 3 for £1.50 per pack, how much money will he make if he sells all the mini-gourds?