

Max's Spooky Shop Calculations

Learning objective: To apply knowledge of money, multiplication, and addition in a creative, thematic context.

Max the monkey is setting up a spooky stall for the autumn festival. Use your maths skills to draw his stall and calculate the prices. Read the prompts carefully and ensure your labels are clear.

Draw: Draw Max the monkey standing behind a wooden stall decorated with autumn leaves. On the stall, draw 3 pumpkins, 4 jars of potion, and 5 hanging bat decorations. Use a clear, labelled style like a technical diagram or a shop display board. Include price tags next to each item group using the currency symbol (£).



Label words: Pumpkin · Potion · Bat decoration · Total cost · Change · Multiplication · Decimal point

Steps:

1. If a customer buys 3 pumpkins, calculate the total cost. Show your working out.
2. The customer pays with a £10 note. How much change should Max give them? Justify your answer.
3. Label the price of each item on your drawing. If you buy one of each item, what is the sum?
4. Explain why it is important to place the decimal point correctly when adding these prices.
5. Compare the cost of 4 potions to the cost of 2 pumpkins. Which is more expensive and by how much?
6. What might happen to Max's total profit if he decides to offer a 'bundle deal' where 3 bat decorations cost

£2.00 instead of their individual price?