

Max's Spooky Fall Market Math

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication of money, and to calculate change from a £10.00 note.

Help Max the monkey organize his Halloween stall. Use your math skills to calculate the total cost of items and work out the change from his customers.

Max is running a spooktacular stall at the school harvest fair. He has several items for sale: decorative pumpkins cost £1.75 each, bags of apple sweets cost £0.80 each, and spider-web lanterns cost £2.20 each. Max is very busy today! A customer approaches his stall to buy two pumpkins and one bag of apple sweets. Max needs to calculate the total cost before he can give the correct change from a £10.00 note.

Word bank: total · calculate · change · product · subtraction · multiplication · pence · pounds

1. Calculate the total cost for two pumpkins at £1.75 each and one bag of apple sweets at £0.80. (2 marks)

2. If the customer pays with a £10.00 note, how much change should Max give them? (2 marks)

3. Another customer wants to buy four spider-web lanterns. What is the total cost for these items? (2 marks)

4. Max sells 10 bags of apple sweets in one hour. How much money has he made from the sweets? (2 marks)

5. Max has £5.50 in his cash box. He sells two more pumpkins. How much money does he have in total now? (2 marks)

Draw: Draw a picture of Max the monkey standing behind his Halloween market stall. Include a sign that shows the prices of the items mentioned in the passage.



Extension challenge: Imagine Max decides to offer a 'spooky bundle' containing one pumpkin, one lantern, and two bags of sweets for exactly £5.00. Is this bundle cheaper than buying the items separately? Explain your reasoning using calculations.