

Max's Spooky Pumpkin Patch Maths

Learning objective: To solve word problems involving money and simple statistics in a seasonal context.

Help Max the monkey calculate the costs and quantities at the spooky pumpkin patch. Show your working out clearly for each question.

Max is visiting a pumpkin patch to help Farmer Higgins organise the Halloween stall. They have 45 small pumpkins priced at £2 each and 20 large pumpkins priced at £5 each. A bag of magical forest leaves costs 50p, and a jar of glow-in-the-dark berries costs £1.25. Max needs to make sure all the maths adds up before the visitors arrive!

Word bank: total · calculate · difference · budget · product · sum · estimate

1. If a customer buys two large pumpkins and one bag of magical forest leaves, how much do they spend in total? (2 marks)

2. Farmer Higgins sells 10 small pumpkins. How many are left in the patch? (1 mark)

3. What is the difference in price between one large pumpkin and one jar of glow-in-the-dark berries? (2 marks)

4. Max has £10. Can he afford to buy 4 jars of glow-in-the-dark berries? Explain how you know. (2 marks)

5. If Farmer Higgins sells all 20 large pumpkins, how much money will he make in total from those sales? (2 marks)

Draw: Draw a display of pumpkins in the patch. Use a ruler to draw a wooden crate and place 3 large pumpkins and 5 small pumpkins inside it. Add a label to the crate showing the total cost if each large pumpkin is £5 and each small pumpkin is £2.



Extension challenge: Max finds a crate of 12 'mystery pumpkins'. If he sells them as a bundle for £18, what is the price of one single pumpkin in that bundle? Show your division method.