

Max's Spooky Harvest Maths Challenge

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

Read the problems carefully. Show your working out in the space provided. Remember to use the £ sign for money questions.

Max the monkey is helping the forest animals prepare for the great Autumn Feast. He has gathered 145 small pumpkins and 238 large pumpkins. He is selling them at the forest stall to raise money for new library books. Small pumpkins cost £2 each, and large pumpkins cost £5 each. A group of hedgehogs arrives to buy 12 small pumpkins, and a family of squirrels buys 4 large pumpkins.

Word bank: total · difference · product · calculate · remainder

1. How many pumpkins did Max have in total before the hedgehogs and squirrels arrived? (2 marks)

2. How much money did the hedgehogs spend on their 12 small pumpkins? (2 marks)

3. How much money did the squirrels spend on their 4 large pumpkins? (2 marks)

4. What is the total amount of money spent by both the hedgehogs and the squirrels? (2 marks)

5. After the hedgehogs bought their 12 pumpkins, how many small pumpkins did Max have left? (2 marks)

Draw: Draw a picture of Max the monkey standing by his pumpkin stall. Label the stall with a sign showing that large pumpkins cost £5.



Extension challenge: Max decides to bundle small pumpkins into bags of 3. If he has 133 small pumpkins remaining, how many full bags can he make, and how many pumpkins will be left over?