

Max's Spooky Pumpkin Patch Math

Learning objective: To solve addition and subtraction problems involving money and measure in a Halloween-themed context.

Read the story about Max the monkey and his trip to the pumpkin patch. Use your math skills to help him solve his spooky puzzles. Remember to show your working out!

Max the monkey is visiting a pumpkin patch to pick some vegetables for a spooky party. He has a basket that can hold 20 kilograms of items. He chooses a large pumpkin for £4 and a smaller pumpkin for £3. He also buys a bag of fall leaves for 50p to decorate his table. Max has a £10 note in his pocket to pay for his treats.

Word bank: total · difference · pounds · pence · altogether · calculate

1. How much does the large pumpkin and the small pumpkin cost altogether? (2 marks)

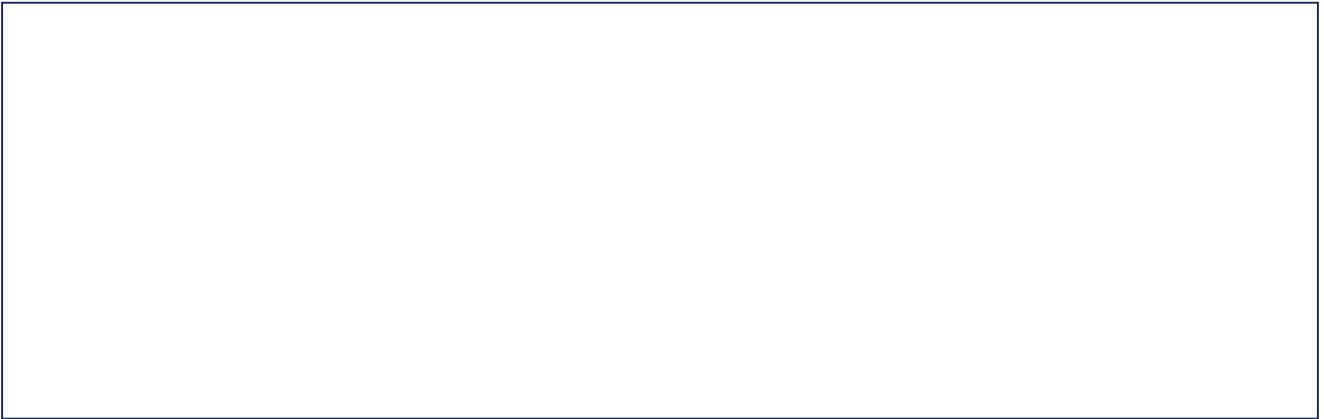
2. Max buys the two pumpkins and the bag of leaves. How much does he spend in total? (2 marks)

3. If Max pays with his £10 note, how much change should he receive? (2 marks)

4. The large pumpkin weighs 8kg and the small pumpkin weighs 5kg. What is the total weight of both pumpkins? (2 marks)

5. Max wants to buy another pumpkin that costs £6. Does he have enough money left from his original £10 note? Explain how you know. (3 marks)

Draw: Draw Max the monkey carrying his pumpkins. Can you draw a pattern on the large pumpkin using triangles for the eyes and a zig-zag for the mouth?



Extension challenge: Max finds a tiny pumpkin that costs 75p. If he adds this to his shopping, what would his new total be? Write a number sentence to show your calculation.