

Max's Coordinate Adventure

Learning objective: To identify, describe, and plot coordinates in the first quadrant.

Max the monkey is mapping his garden. Use the grid to help Max find his favourite snacks. Remember: go along the corridor (x-axis) first, then up the stairs (y-axis).

Max has a grid of his garden. The banana tree is at (2, 3). The nut bowl is at (5, 1). The water fountain is at (0, 4).

Word bank: x-axis · y-axis · coordinate · plot · grid · along · up

1. Look at the garden grid. If the banana tree is at (2, 3), how many squares do you go along and how many do you go up? (2 marks)

2. Max finds a hidden berry at (4, 2). Write the numbers for the x-axis and the y-axis. (2 marks)

3. The apple is at (1, 5). The pear is at (5, 5). If Max walks in a straight line from the apple to the pear, does he move along or up? (2 marks)

4. Max wants to place a toy at (3, 0). Explain why this point is on the bottom line of the grid. (4 marks)

5. Max wants to build a square. He has points at (1, 1), (1, 3), and (3, 3). What are the coordinates for the final corner to finish the square? (5 marks)

6. Max bought three treats. A banana for £2.00, a nut for £1.50, and a berry for £0.50. What is the total cost of his treats? (5 marks)

7. Describe the position of the water fountain at (0, 4) in your own words. (5 marks)

Draw: Draw a 5x5 grid. Plot a point at (2, 4) and label it 'Max's Home'.



Extension challenge: Total: /25