Max the Monkey's Coordinate Quest

Learning objective: To identify, describe, and represent the position of a point following a reflection or translation, and to read and plot coordinates in all four quadrants.

Use these flashcards to master coordinates. Max the Monkey has hidden puzzles on a grid! Read the front of the card to test your knowledge, then flip it to check your answer.

Which axis is the horizontal line on a coordinate grid?	**Which axis is the vertical line on a coordinate grid?**
The x-axis.	The y-axis.
What is the coordinate of the origin where the x and y axes meet?	**In the coordinate (5, -3), which number represents the y-coordinate?**
(0, 0).	-3.
If you translate point (2, 3) three units to the right, what is the new coordinate?	**If you reflect the point (1, 4) across the y-axis, what is its new position?**
(5, 3).	(-1, 4).
Max is at (-2, -4). Which quadrant is he in?	**To plot the coordinate (4, -2), do you move along the x-axis first or the y-axis?**
The third quadrant (bottom-left).	Always the x-axis first.
If a square has vertices at (1, 1), (1, 3), (3, 3), where is the fourth vertex?	**A shop is located at (2, 5). If it moves 4 units down, what is its new coordinate?**
(3, 1).	(2, 1).
True or False: The first number in a coordinate pair is always the vertical position.	**A point at (-5, 2) is translated 5 units right. What is its new coordinate?**
False; it is the horizontal (x) position.	(0, 2).