

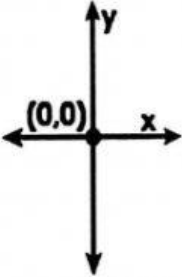


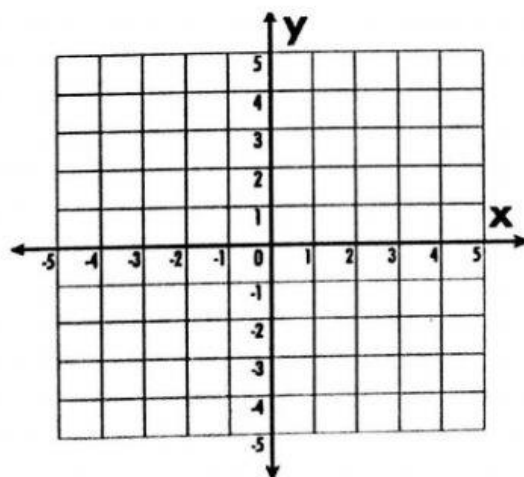
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Coordinate plane

- * Coordinate plane is a graph of finding _____ that can be identified by an _____.
- * Each number of _____ represents _____ of the point from a coordinate axis.

Elements of a Coordinate plane

x-axis	y-axis	origin	coordinate (ordered pair)	Quadrants
			(2,3)	The four sections of the coordinates plane, numbered ____, ____, ____, and ____, starting at the top-right and going counter-clockwise .
			(-4,3)	
			(-1,-2)	
			(4,-5)	
The _____ line.	The _____ line.	The _____ where the x and y axes _____ (0,0).	A set of _____ that represent a position on the coordinate plane.	



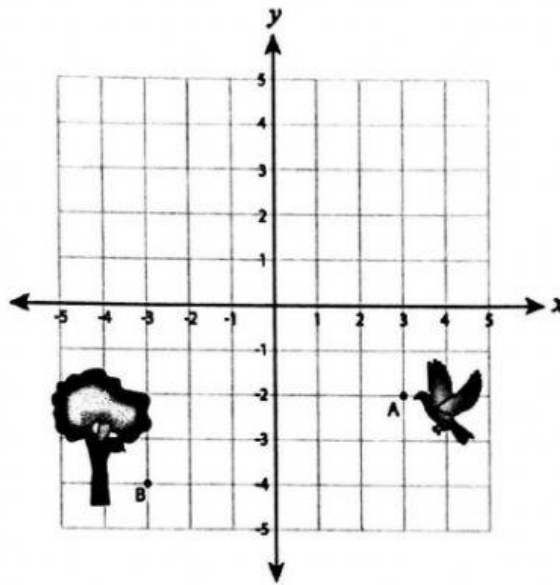
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DO NOW!

1. Help the bird to find a tree by plotting the points and connecting them in the order with the lines.

$(4, 1), (3, 3), (3, 5), (2, 4), (1, 2), (-2, 2), (-1, 1), (0, -1), (-2, -2), (-3, -3)$



2. Find coordinates and quadrants.

(1) Starting at $(0, 0)$ if you were to go 3 units right and 8 units up (1) what coordinates would you end up at? (2) What quadrant would you be in?

(2) Starting at $(0, 0)$ if you were to go 1 unit down and 10 units left (1) what coordinates would you end up at? (2) What quadrant would you be in?

(3) Starting at $(0, 0)$ if you were to go 5 units down and 10 units right (1) what coordinates would you end up at? (2) What quadrant would you be in?

