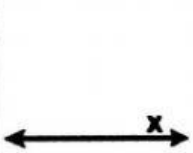
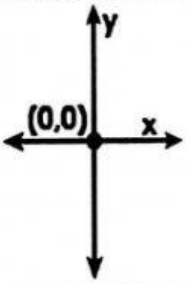
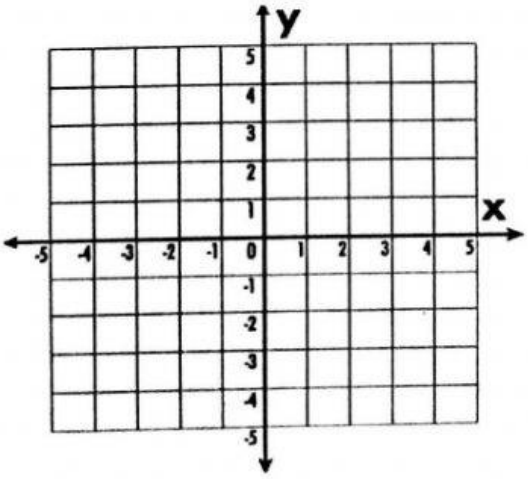
Name/Nombre: _____ Date/Fecha: _____

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



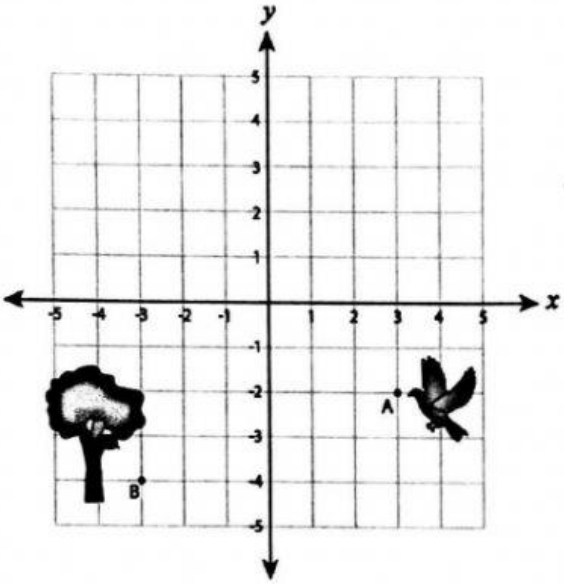
LIVEWORKSHEETS

Name/Nombre: _____ Date/Fecha: _____

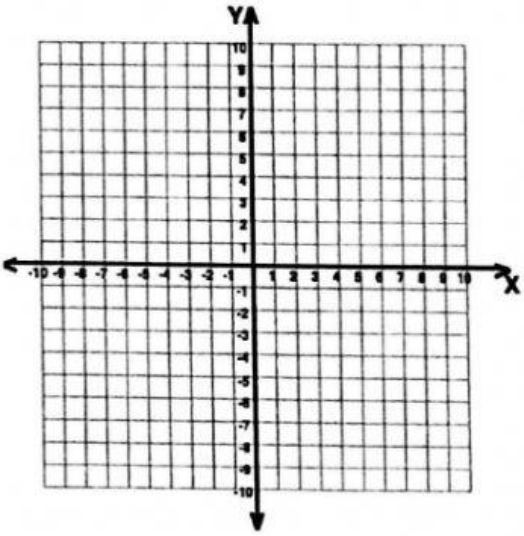
DO NOW!

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 <u>go 3 units right and 8 units up</u> (1) what coordinates would you end up at? (2)What quadrant would you be in?

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

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

LIVEWORKSHEETS