

Coordinate Plane Guided Notes

x-axis the horizontal line on a coordinate plane where points are plotted moving left and right.

y-axis the vertical line on a coordinate plane where points are plotted moving up and down.

Ordered Pair a point identified by an x and y coordinate as a pair.

Quadrants the four sections of the coordinate plane divided by the x and y axis.

origin the point at the center of the coordinate plane noted as (0,0).

(x,y)

Plot

A (3, 3)

B (-3, -3)

C (5, -5)

D (-5, 5)

E (0, -2)

F (2, 0)

Quadrant

I

III

IV

II

y-axis

x-axis

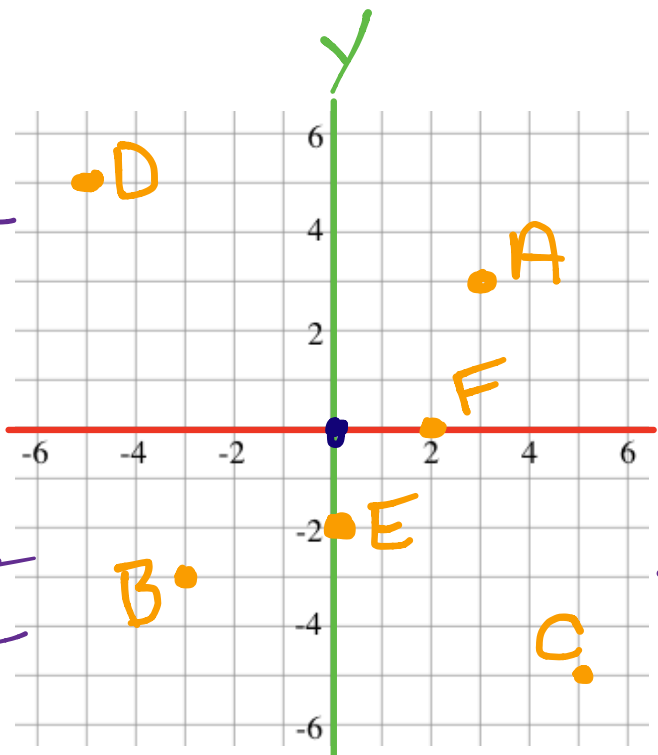
II

x

III

I

IV



Coordinate Plane Guided Notes (Key) Discuss the following terms and mark them on the plane below.

X-axis (mark on coordinate plane below. Draw as a man running across the line, remind them you walk into a building first before going up or down the elevator) the horizontal line on a coordinate plane where points are plotted moving left and right.

Y-axis (mark on the coordinate plane below. Draw an uppercase Y on top of the plane, it's tail will create the axis. Remind students that you go into a building first, before going up or down the elevator) the vertical line on a coordinate plane where points are plotted moving up and down.

Ordered Pair (the x and the y are always in alphabetical order "ORDER matters" for the Ordered Pair) a point identified by an x and y coordinate as a pair.

Quadrant (drawing a uppercase C on the coordinate plane reveals where to start labeling with roman numeral I and continue around to roman numeral IV) the four sections of the coordinate plane divided by the x and y axis. Label below

Origin (turn the (0,0) into a picture of an owl..."O" for owl and "O" for origin) the point at the center of the coordinate plane noted as (0,0). Label below

Plot	Quadrant
A (3, 3)	I
B (-3, -3)	III
C (5, -5)	IV
D (-5, 5)	II
E (0, -2)	on the y axis
F (2,0)	on the x axis

