

Applied Algebra 2.2

Graph points on the coordinate plane

coordinate system

origin

y-axis

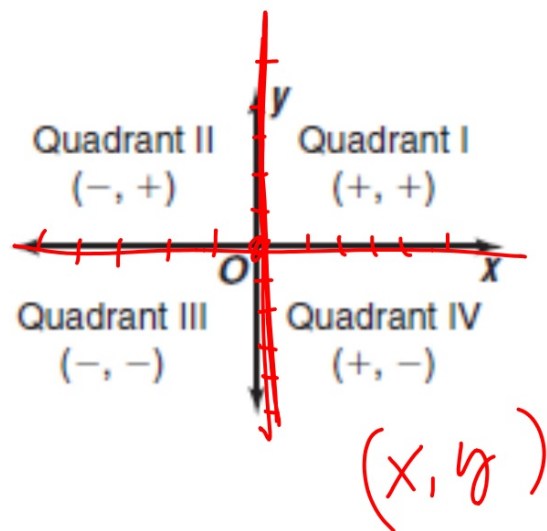
x-axis

ordered pair

x-coordinate

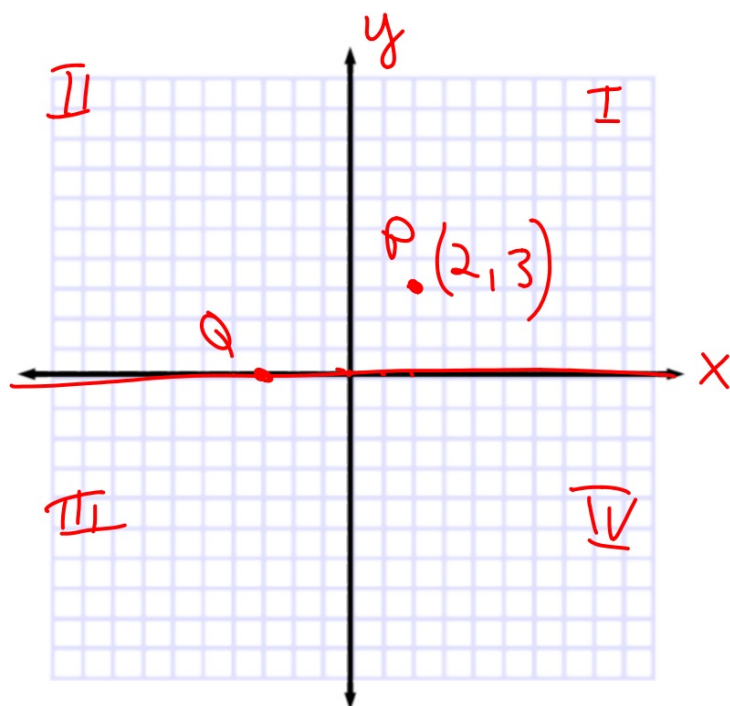
y-coordinate

quadrant



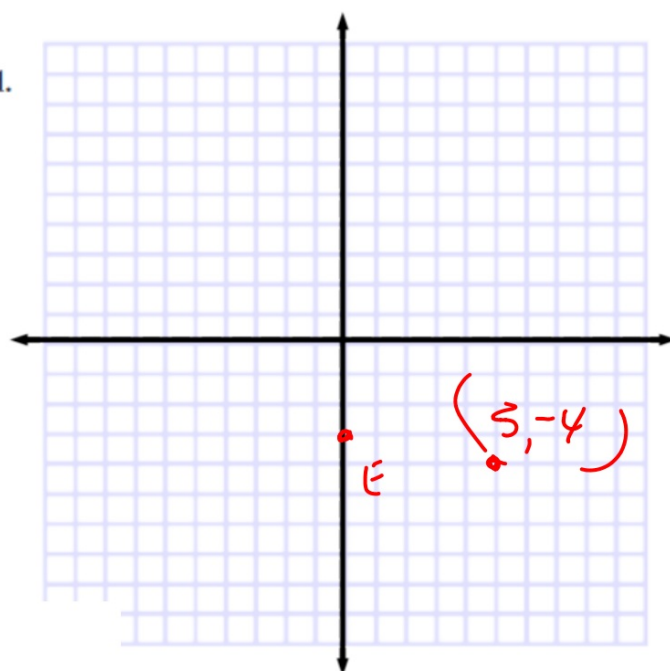
4 Graph $P(2, 3)$ on a coordinate plane.
↑ ↑

5 Graph $Q(-3, 0)$ on a coordinate plane.
= x -axis



7 Name the quadrant in which each point is located.

6 $A(5, -4)$



Your Turn

h. $C(-2, -7)$

i. $D(-4, 9)$

j. $E(0, -3)$

What if it is on a quadrant line?

Project (due Mon.) 10 points

Accurate graphing: 7 pts

Title: 1 pt

Color & style: 2 pts.

Work in class Friday, finish HW

Whenever it says stop, start a new line (don't connect)

Don't label with ordered pairs

13-31 odd + 41-45
p. 62

