

Applied Algebra 2.2

Quiz Mon. 2.1-2.2

Graph points on the coordinate plane

coordinate system

origin $(0,0)$

y-axis (x,y)

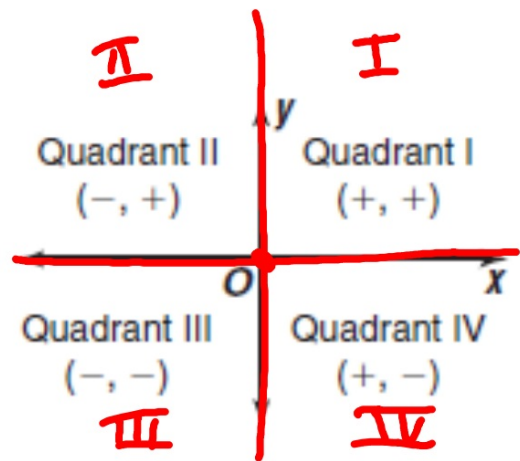
x-axis

ordered pair

x-coordinate

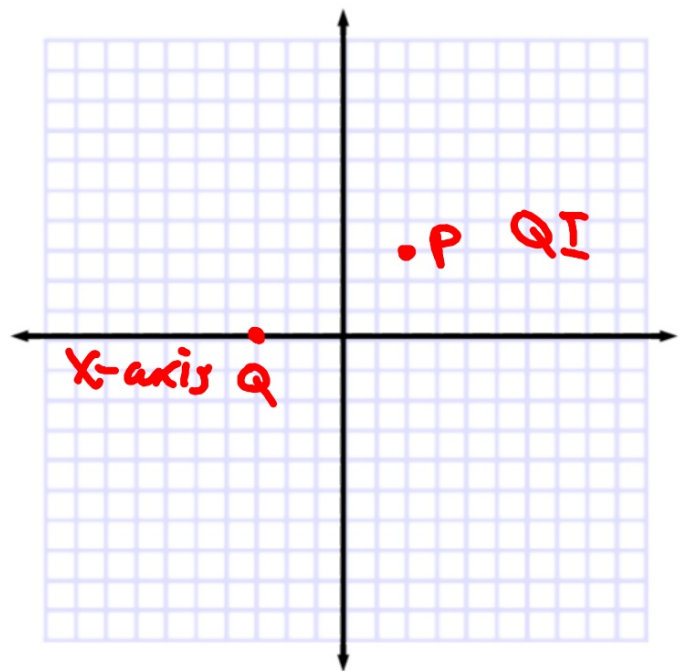
y-coordinate

quadrant



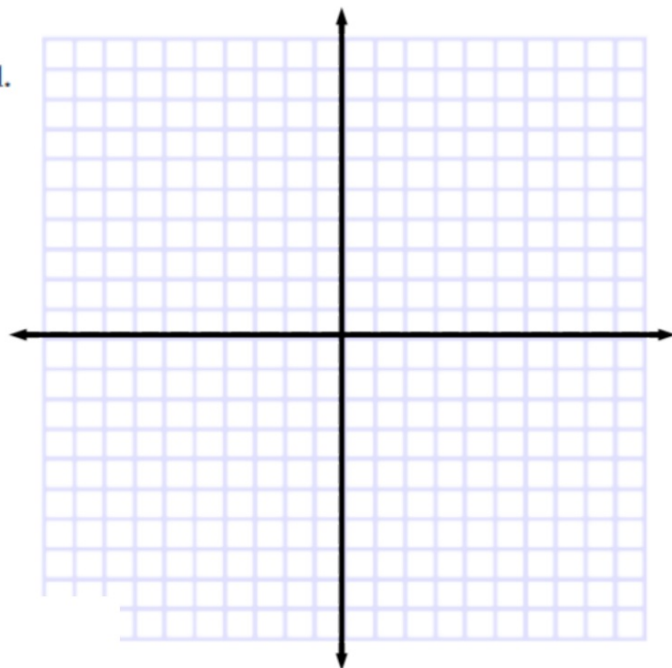
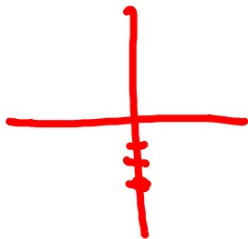
4 Graph $P(2, 3)$ on a coordinate plane.
x y

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



Name the quadrant in which each point is located.

6 $A(5, -4)$ IV
R ↓



Your Turn

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

III

i. $D(-4, 9)$

II

j. $E(0, -3)$

y-axis

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 today, finish HW
Whenever it says stop, start a new line (don't connect)
Don't label with ordered pairs

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

