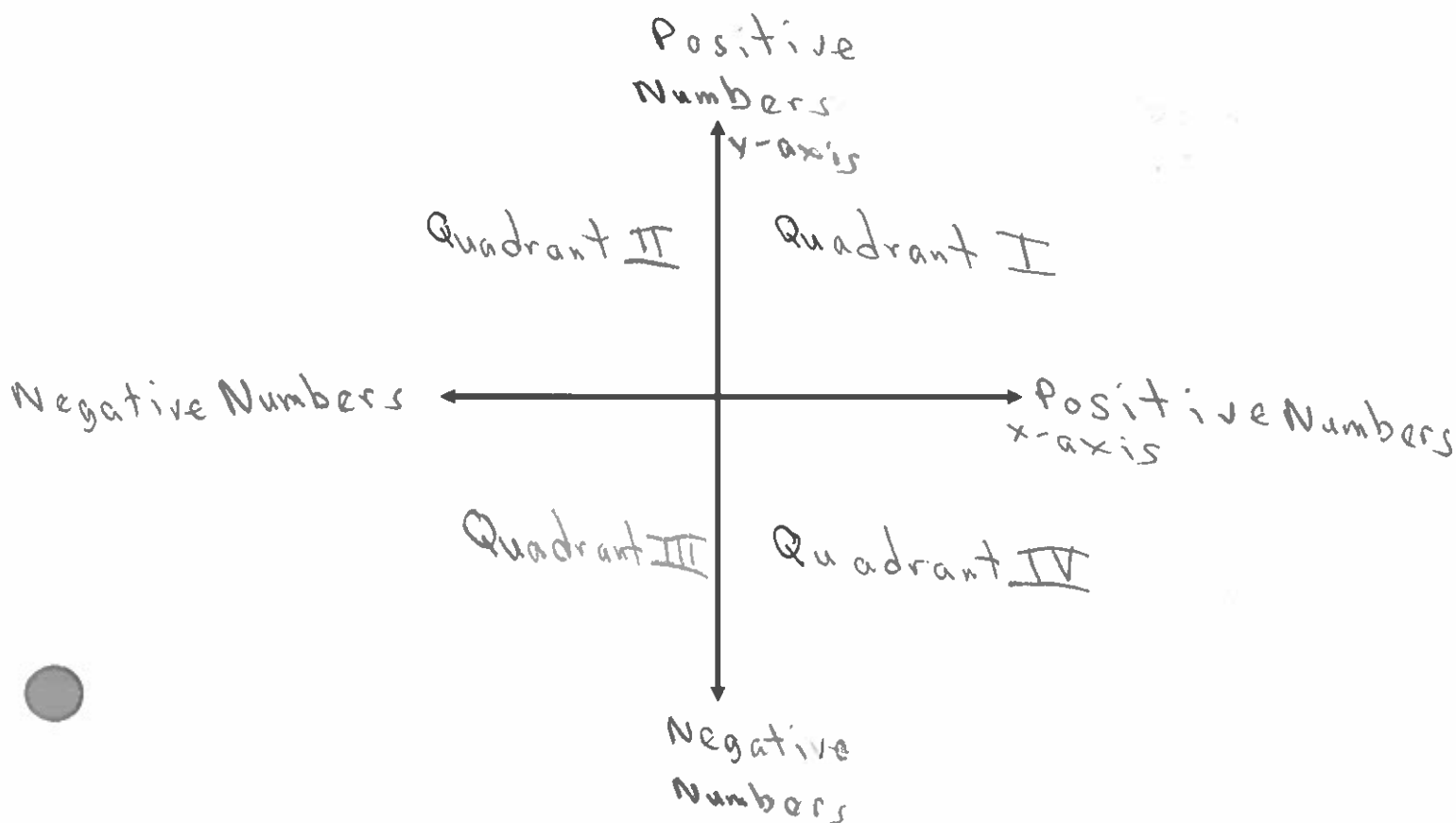


6.5 The Coordinate Plane

ESSENTIAL QUESTION:



An *ordered pair* is used to locate a point in a coordinate plane.

ordered pair: $(4, -2)$

x-coordinate

y-coordinate

When plotting an ordered pair, you start at the origin. In an ordered pair, your x-coordinate (the first number) tells you whether to go to the left or the right. You go to the left for a negative number and you go to the right for a positive number. From there, your y-coordinate (the second number) tells you to go up or down. You go down for a negative number and you go up for a positive number. Then you plot a point for the ordered pair.

EXAMPLE 1->Identifying An Ordered Pair.

Which ordered pair corresponds to point T?

(A) $(-3, -3)$

(B) $(-3, 3)$

(C) $(3, -3)$

(D) $(3, 3)$

