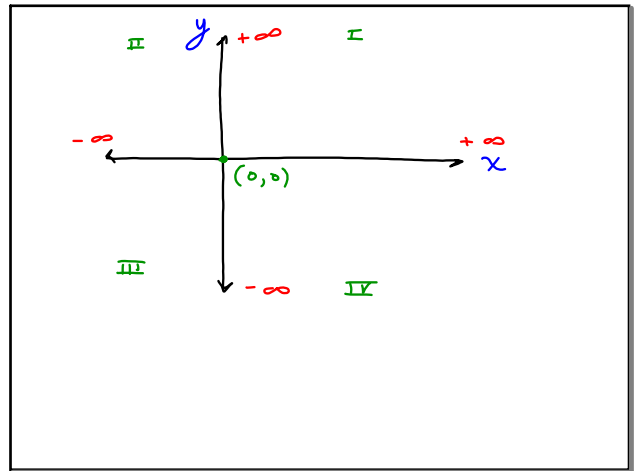


October 3, 2016
 * SSC #3 - Due Wednesday

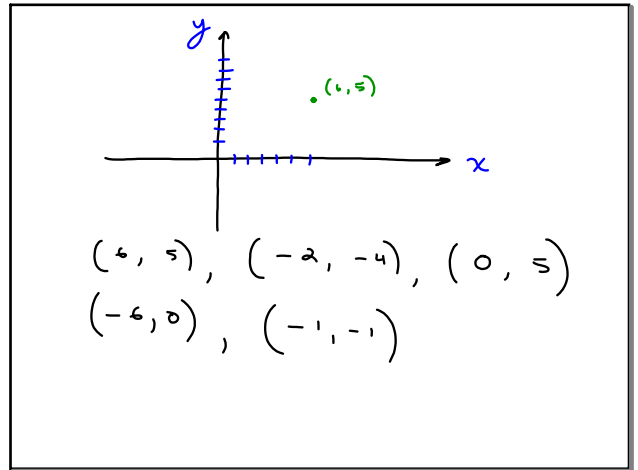
Oct 3-9:52 AM



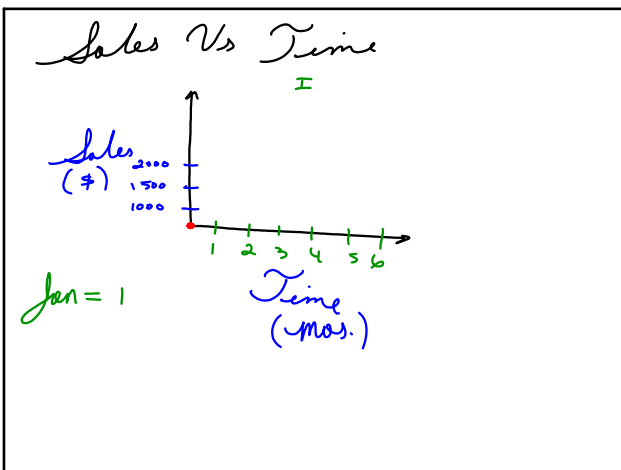
Oct 3-10:03 AM

ordered pair
 (x, y)
 (Horizontal Coord., Vertical Coord.)
 $(+5, +3) \rightarrow \text{I}$

Oct 3-10:04 AM



Oct 3-10:08 AM



Oct 3-10:12 AM

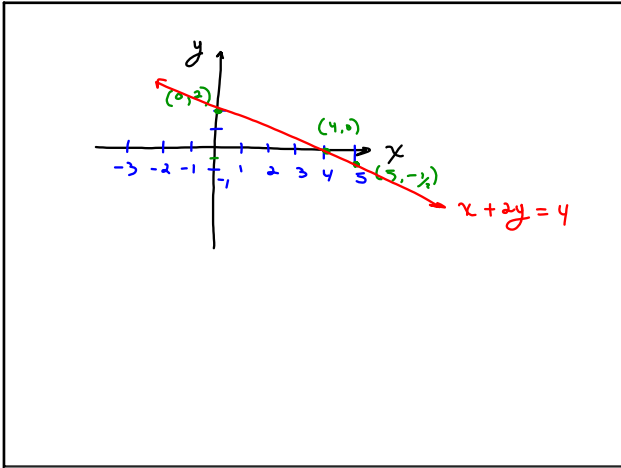
Graphing Equations
Lines
 ① $Ax + By = C$
 • Linear Equation in two Variables: x & y
 • Standard Form

$x + 2y = 4$
 $0 + 2y = 4$
 $2y = 4$
 $y = 2$
 $x + 2(0) = 4$
 $x = 4$

$5 + 2y = 4$
 $2y = -1$
 $y = -\frac{1}{2}$

x	y
0	2
4	0
5	$-\frac{1}{2}$

Oct 3-10:19 AM



Oct 3-10:26 AM

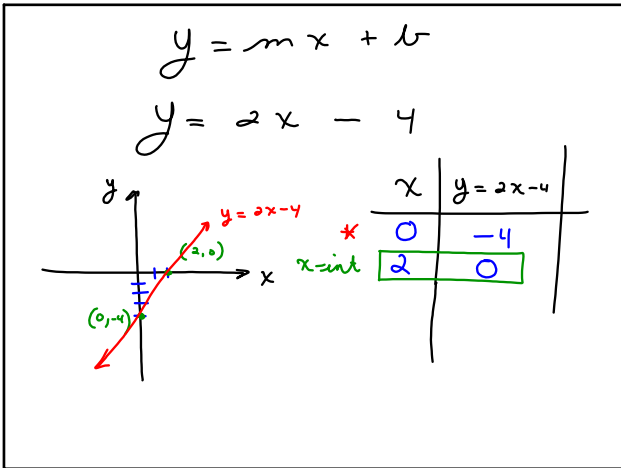
$Ax + By = c$ *S. I.*
 $-Ax$ $-Ax$

$$\frac{By}{B} = \frac{-Ax + c}{B}$$

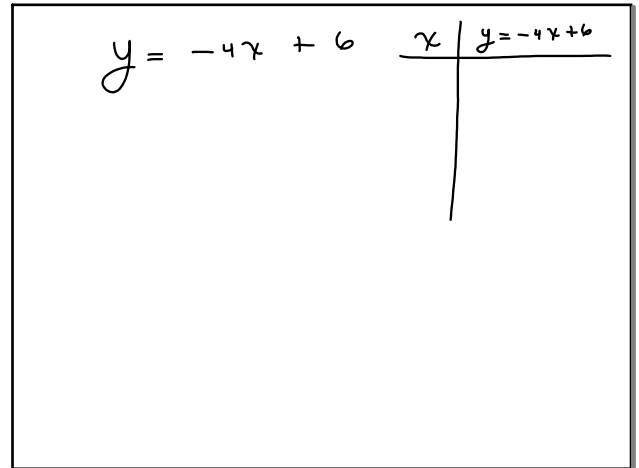
$$y = -\frac{A}{B}x + \frac{c}{B}$$

$$y = m x + b$$
Slope-Intercept Form
Slope *y-Intercept (Crosses the y-axis)*
 $(0, y)$

Oct 3-10:28 AM



Oct 3-10:37 AM



Oct 3-10:41 AM