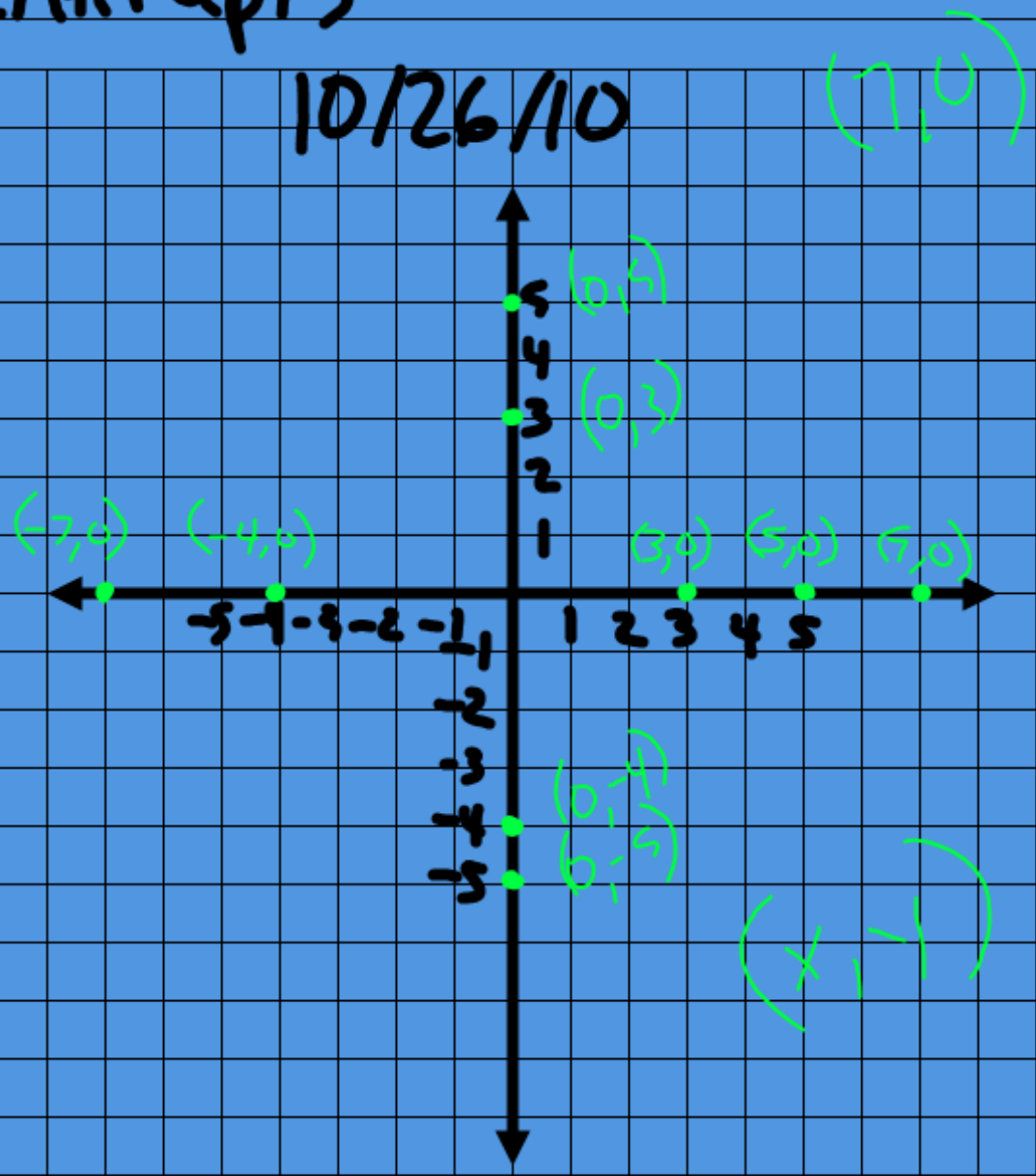
# 5.2 Using Intercepts

CA 6.0 10/26/10

Vocab:

X intercept

Y intercept

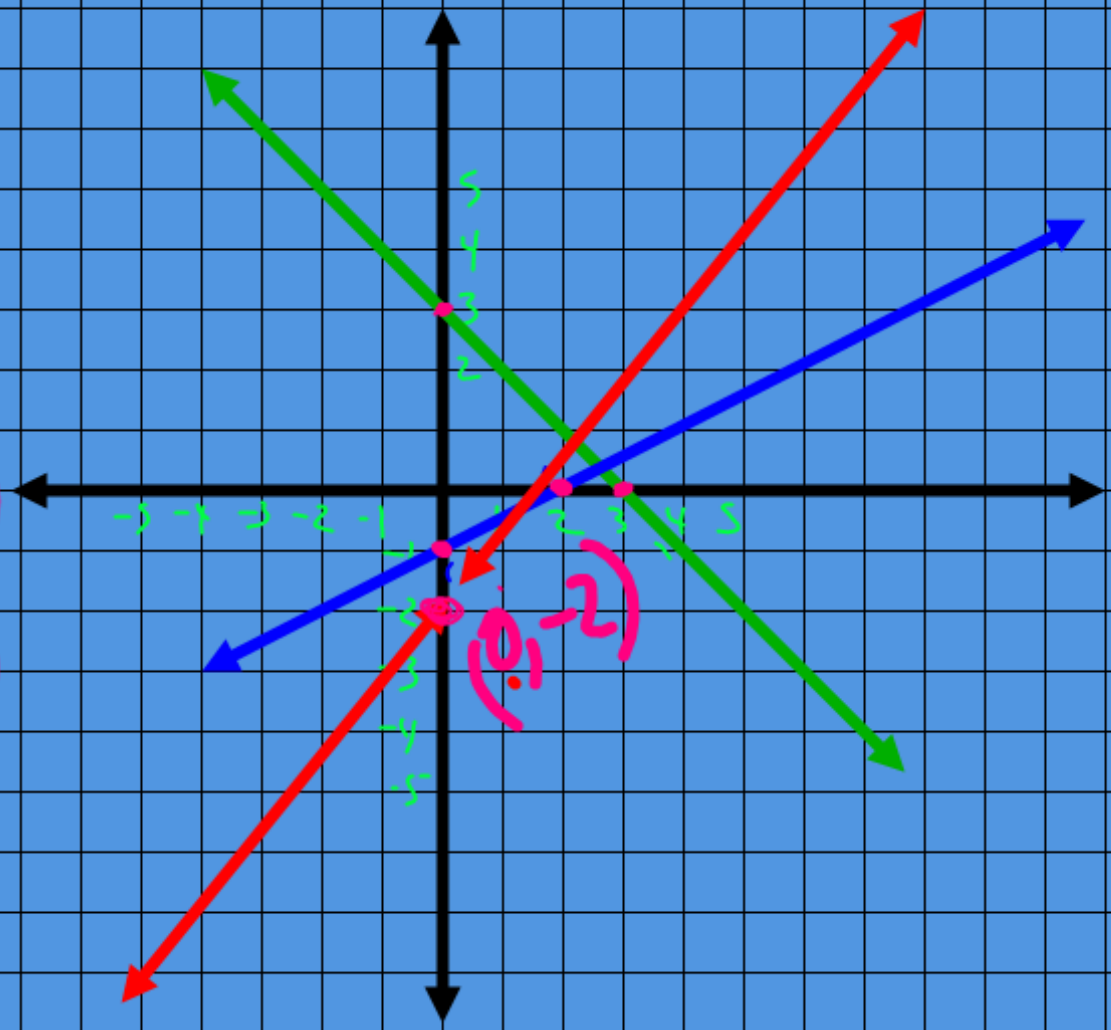


# Ex.1A

(x, y)

x int (2, 0)

y int. (0, -1)



Ex. 1B

$3x-2y=12$

x int $(4,0)$

y int $(0,-6)$

$3x-2(0)=12$

$3x=12$

$x=4$

x int:

$\cancel{3x(0)}-2y=12$

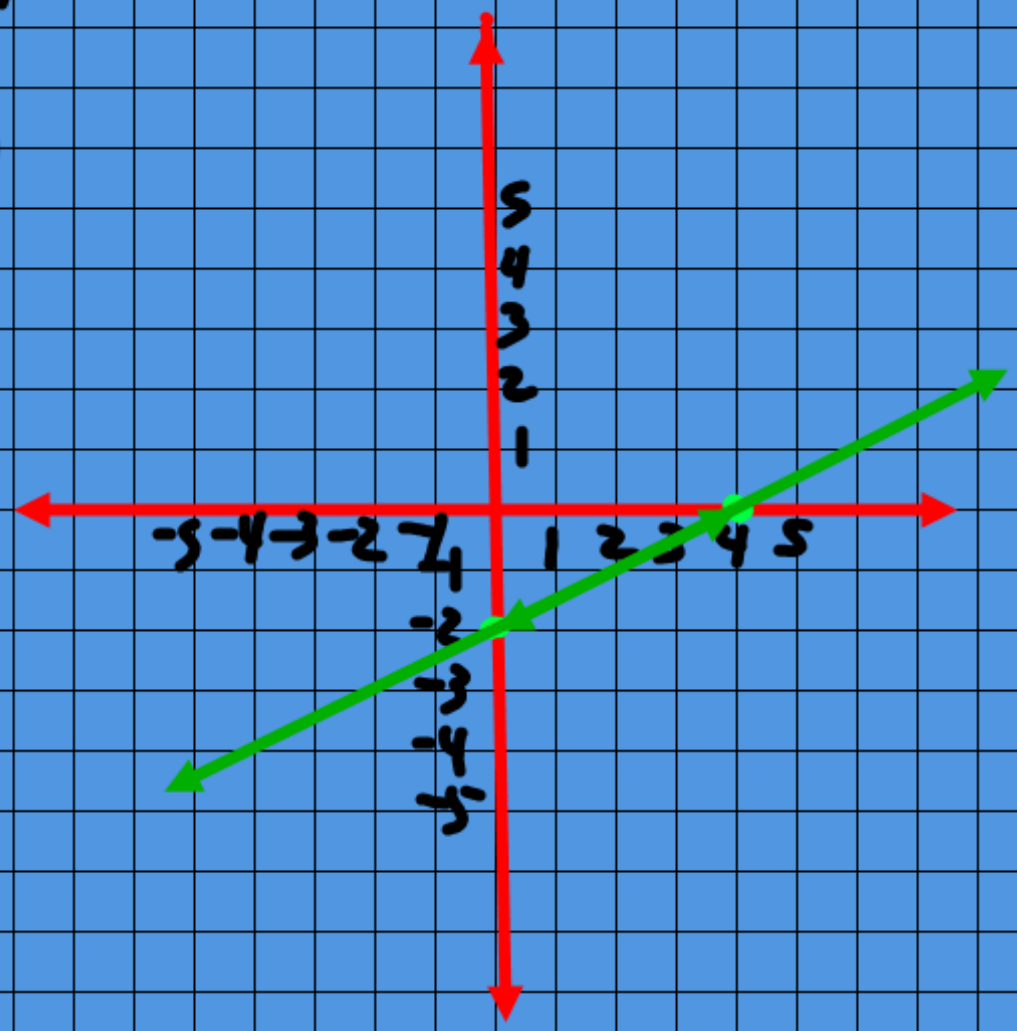
$-2y=12$

$y=-6$

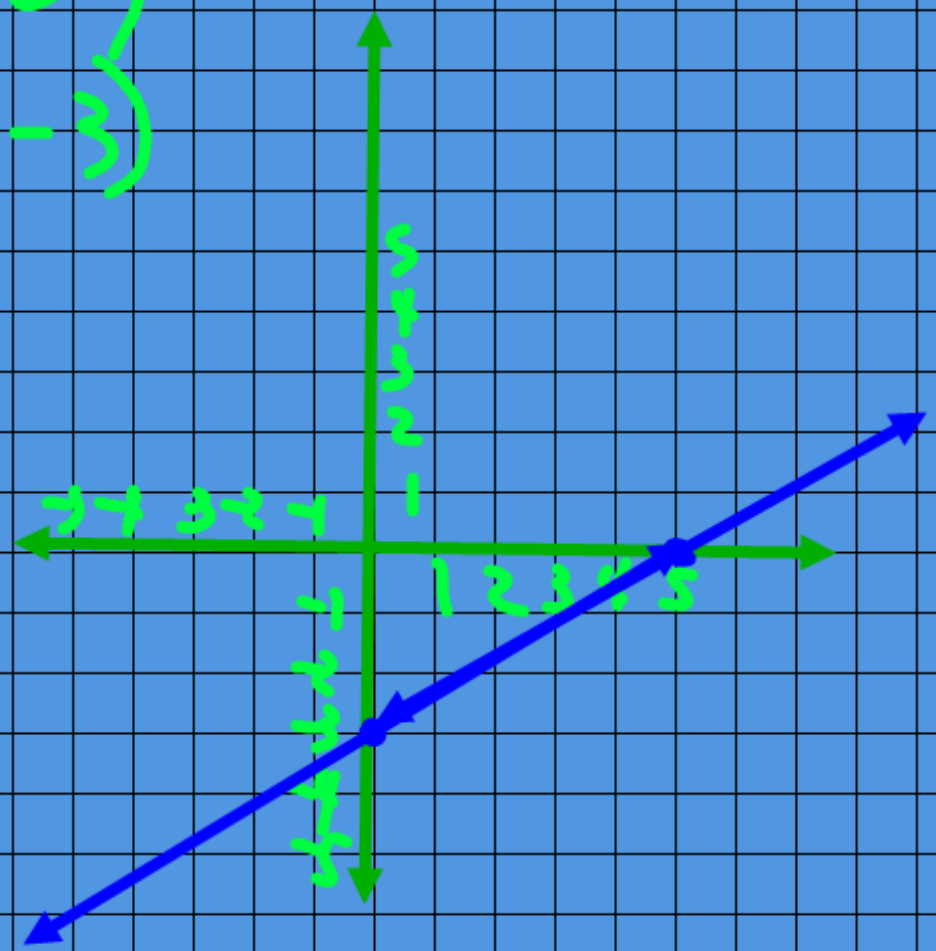
Ex.3 $2x-4y=8$

xint $(4,0)$

yint $(0,-2)$



$3x - 5y = 15$

x int $(5, 0)$

y int $(0, -3)$