

Bathroom breaks are to be
taken before class!!

Do **NOT** move the desk!!

Turn your phone **OFF**!!

Put your phone up!!

Sit down!! Be quiet!!

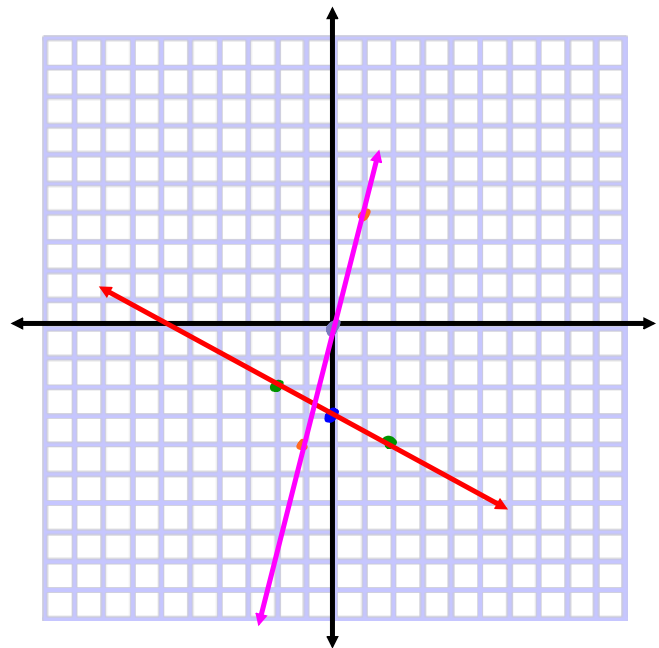
Prepare to work!!

Keep your hands to yourself!!

$$23) d(x) = \underline{-\frac{1}{2}x - 3}$$

$$y = mx + b$$

$$m = -\frac{1}{2} \quad b = -3$$



$$21) p(x) = 4x$$

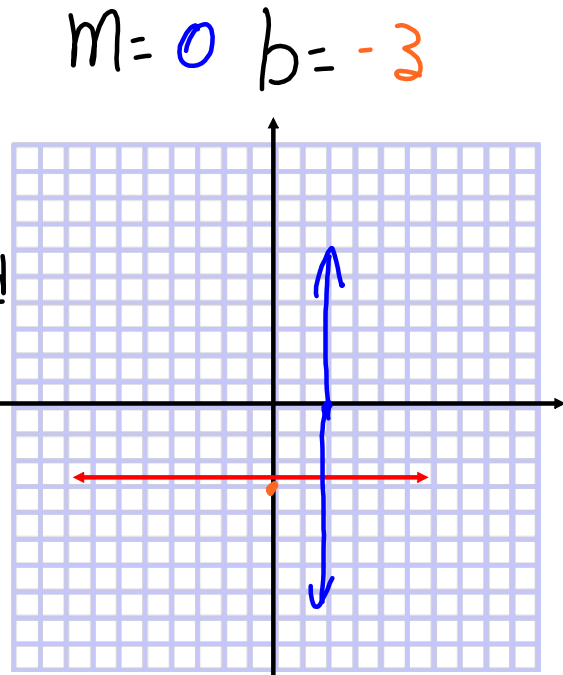
$$y = mx + b$$

$$m = \frac{4}{1} \quad b = 0$$

2.5 Softbook p. 39

Graphing Linear Equations in Standard Form

1) $y = -3$ 2) $x = 2$



$m = 0$ $b = -3$

$Ax + By = C$

Standard Form of Equation of Line
 $Ax + By = C$

$A = 0$ $B = 1$ $C = -3$

$Ax + By + C = 0$

$m = -\frac{A}{B}$ $b = \frac{C}{B}$

$Ax + By = C$

$m = \frac{0}{1}$ $b = \frac{-3}{1}$

$$\begin{array}{r} -Ax \qquad \qquad -Ax \\ \hline By = \frac{C - Ax}{B} \end{array}$$

$m = 0$ $b = -3$

$y = \frac{C}{B} - \frac{Ax}{B}$

$y = mx + b$

$m = -\frac{A}{B}$ $b = \frac{C}{B}$

$$3) -8x + 12y = 24$$

X-Int

Sub zero

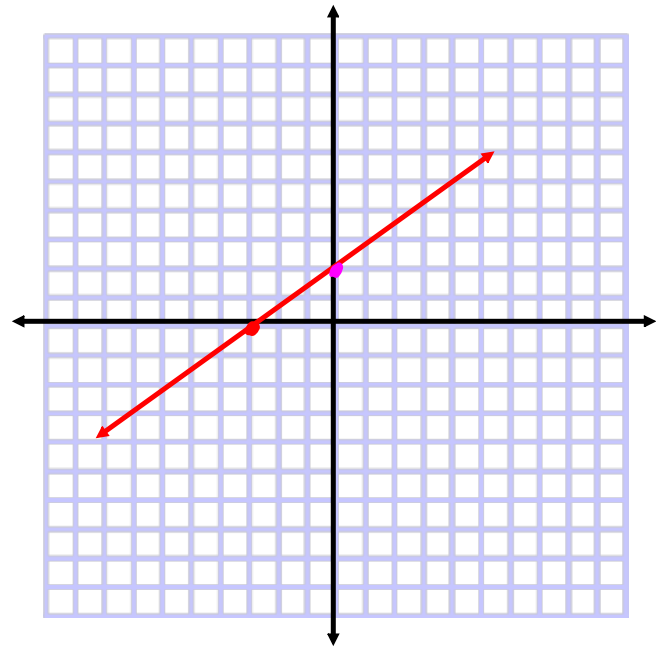
for y

$$-8x + 12(0) = 24$$

$$-8x = 24$$

$$x = -3$$

$$(-3, 0)$$



$$(-3, 0) \quad (0, 2)$$

Y-Int Sub zero
for x

$$-8(0) + 12(y) = 24$$

$$12y = 24$$

$$y = 2$$

$$(0, 2)$$

