

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!!**

Chap 3 Sec 6

Softbook Pg 41 & 42

$$g) \quad y = \frac{1}{2}x - 2 \Rightarrow y = mx + b$$

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

$$0 = \frac{1}{2}x - 2$$

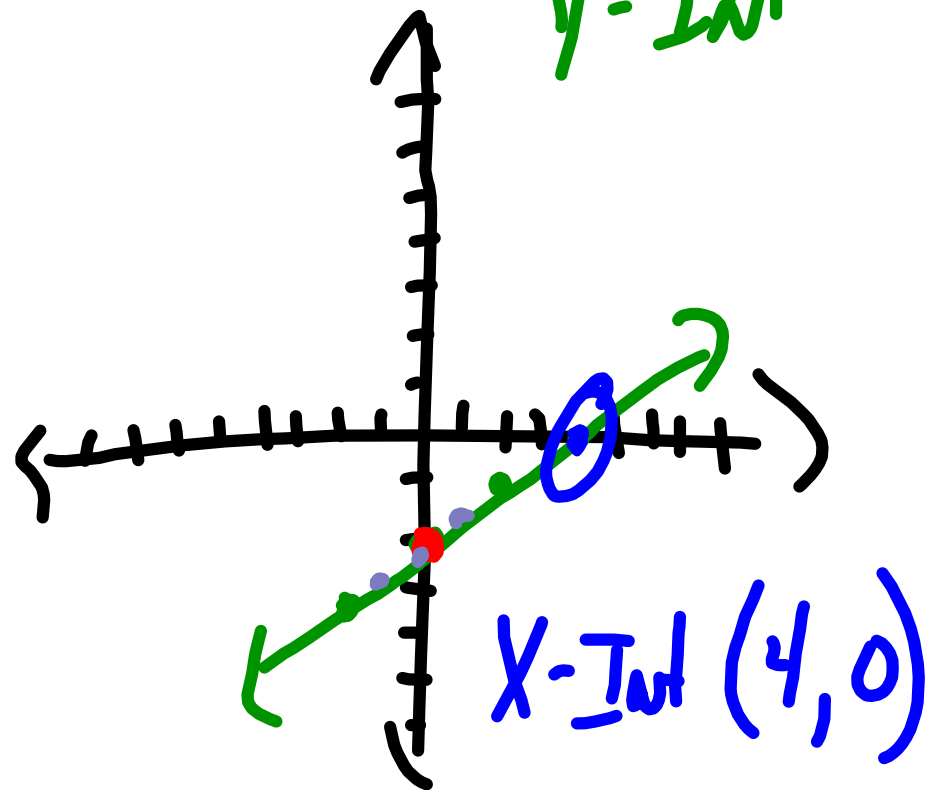
$$(0, -2)$$

y-Int

$$2 = \frac{1}{2}x$$

$$4 = x$$

$$x\text{-Int } (4, 0)$$



$$y = \frac{1}{2}x - 2$$

$$f(-1) = \frac{1}{2}(-1) - 2 = -2\frac{1}{2} \quad (-1, -2\frac{1}{2})$$

$$f(0) = \frac{1}{2}(0) - 2 = -2 \quad (0, -2)$$

$$f(1) = \frac{1}{2}(1) - 2 = -1\frac{1}{2} \quad (1, -1\frac{1}{2})$$

$$10) -0.2x - y = 1$$

$$x\text{-Int } (-5, 0)$$

$$-0.2x - 0 = 1$$

$$\frac{-0.2x}{-0.2} = \frac{1}{-0.2}$$

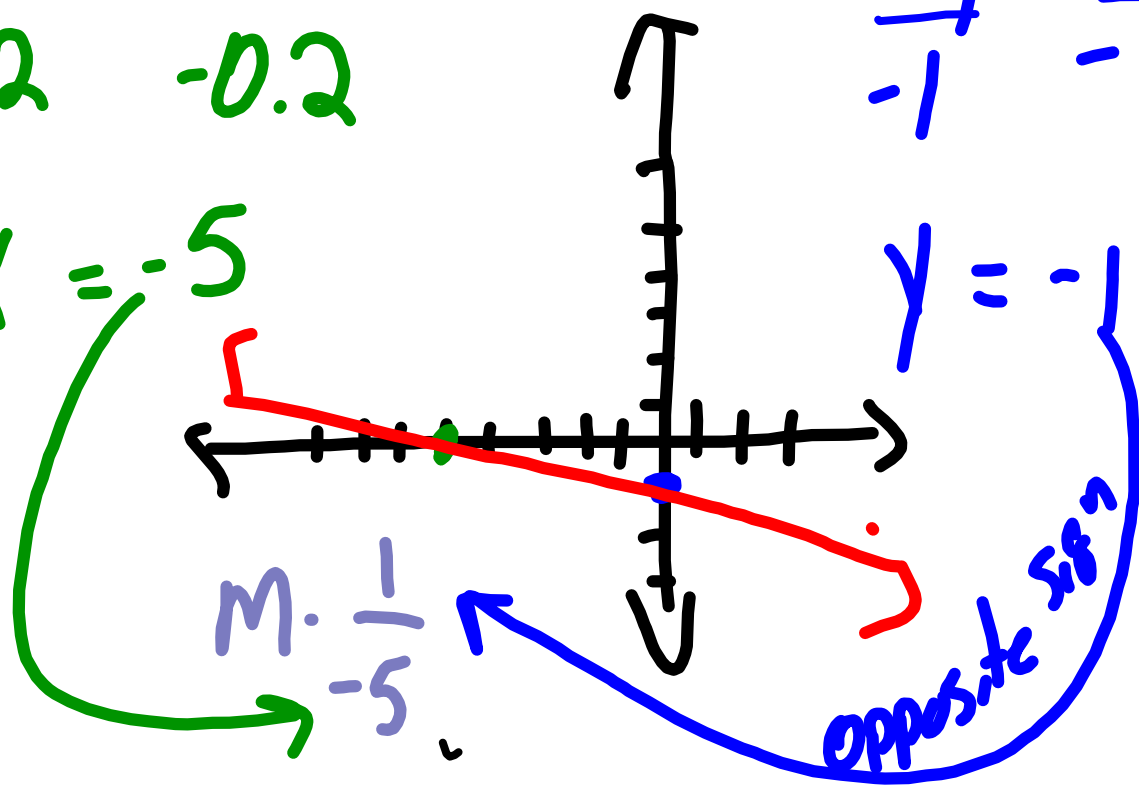
$$x = -5$$

$$y\text{-Int } (0, -1)$$

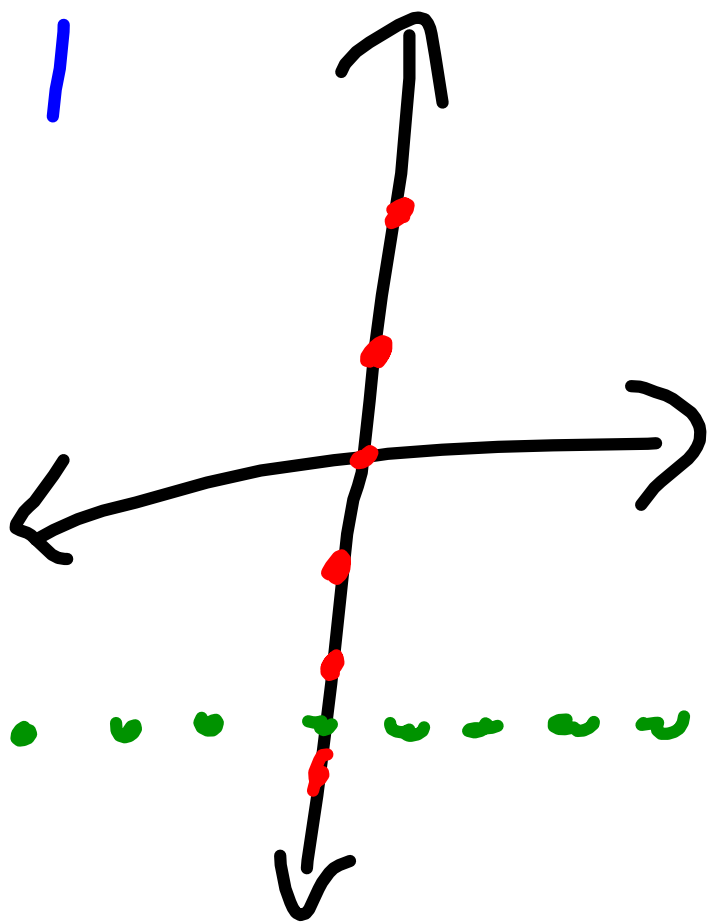
$$-0.2(0) - y = 1$$

$$-y = \frac{1}{-1}$$

$$y = -1$$



$$y = -1$$



$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$(2, 3) \quad (1, 4)$$

$$m = \frac{4 - 3}{1 - 2}$$