

October 13, 2017
 $(-18, -20)$ & $(-18, -15)$

$$m = \frac{(-18) - (-18)}{(-18) - (-18)} = \frac{-18 + 18}{0}$$


Oct 13-10:01 AM

① $Ax + By = c$ (S. Q.)
 $A, B, C \in \mathbb{Z}$
** A is always positive*

$$5x - 2y = -4$$

② $y = mx + b$ (Slope-Intercept)
 $5x - 2y = -4$; for y
 $-2y = -5x - 4$
 $y = \frac{5}{2}x + 2$
 $m = \frac{5}{2}$
 $y\text{-int: } (0, 2)$

Oct 13-10:05 AM

#1)  $(0, 4)$ & $(4, -2)$
 x_1, y_1 & x_2, y_2

$$m = \frac{(-2) - (4)}{(4) - (0)} = \frac{-6}{4} = -\frac{3}{2}$$

① $y = mx + b$
 $y = -\frac{3}{2}x + 4$
 $2y = -3x + 8$
 $3x + 2y = 8$ S. Q.

Oct 13-10:16 AM

For Monday
 writing Eq #1 all
 Writing Eq #2 1-16 all

Oct 13-10:34 AM

#12) $(3, 5)$; $m = \frac{5}{3}$
 $y = \frac{5}{3}x + b$
 $5 = \frac{5}{3}(\frac{3}{1}) + b$; for b

Oct 13-10:37 AM