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!!

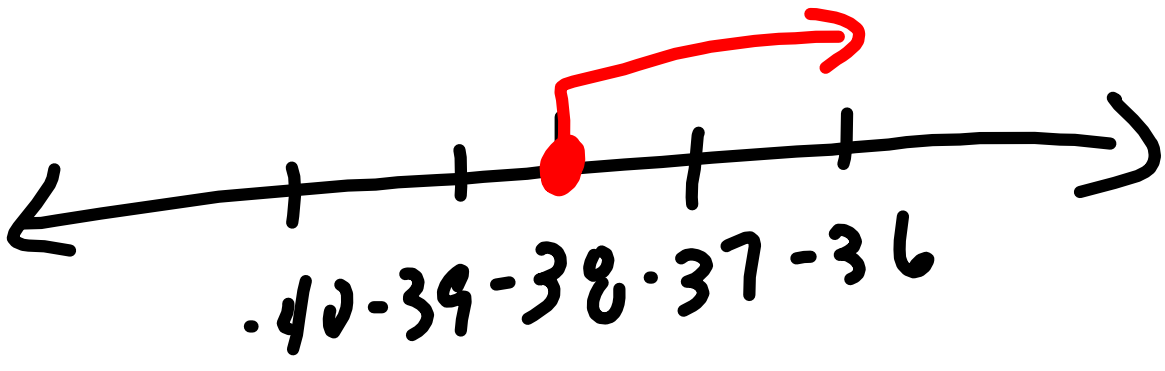
(c) $43 - 1.5c \leq 10$

$-43 \qquad -43$

$-1.5c \leq 57$

$\frac{-1.5c}{-1.5} \quad \frac{\leq 57}{-1.5}$

$c \geq -38$

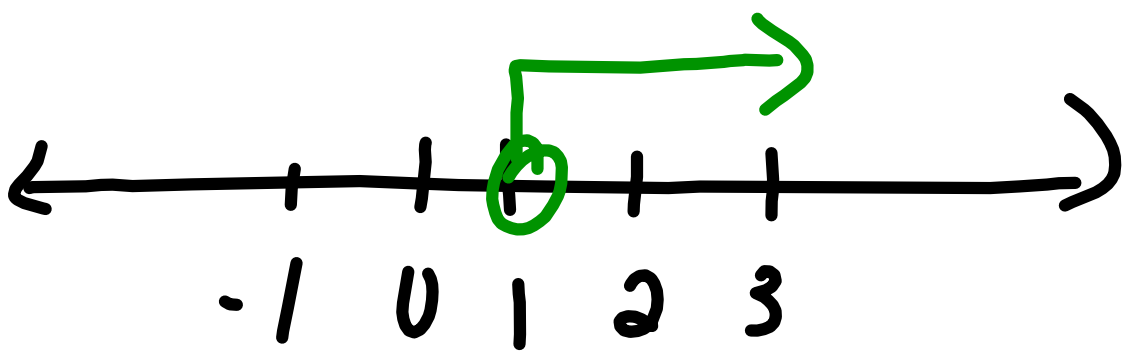


13) $2(b-4) > -6$

$2b - 8 > -6$

$2b > 2$

$b > 1$

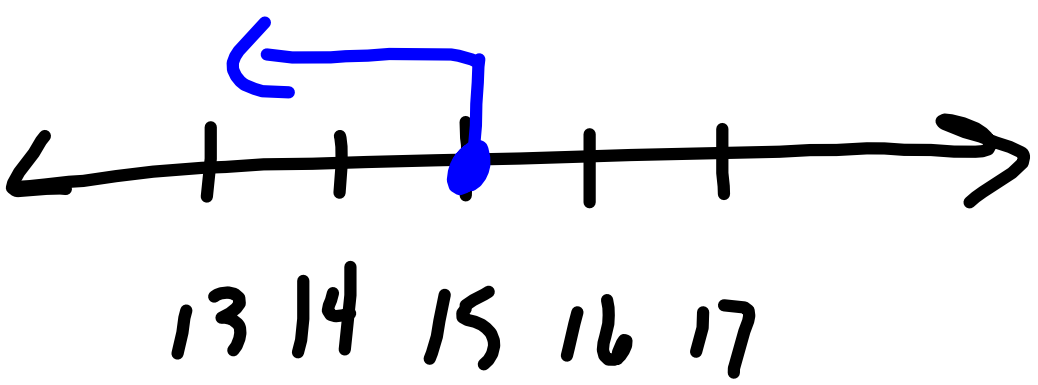


(4) $15 \geq \frac{5}{3}(d-6)$

$15 \geq \frac{5}{3}d - 10$

$25 \geq \frac{5}{3}d$

$15 \geq d$

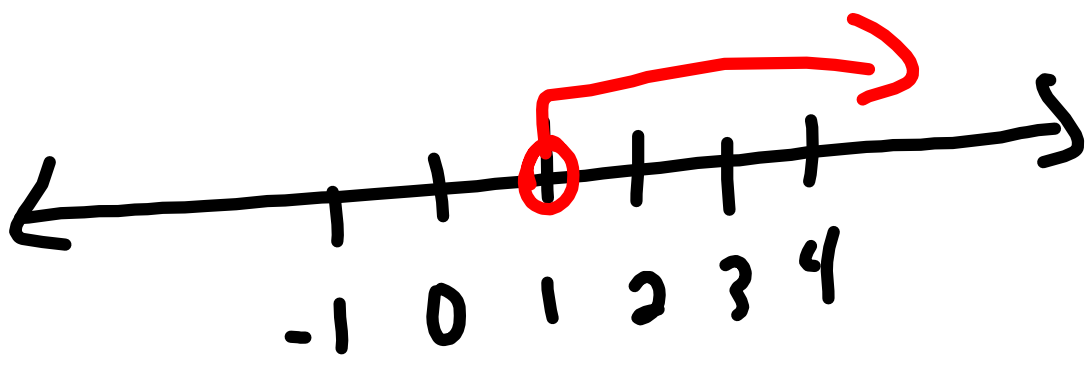


(5) $3x - 7x + 2 < 10 - 12$

$-4x + 2 < -2$

$-4x < -4$

$x > 1$

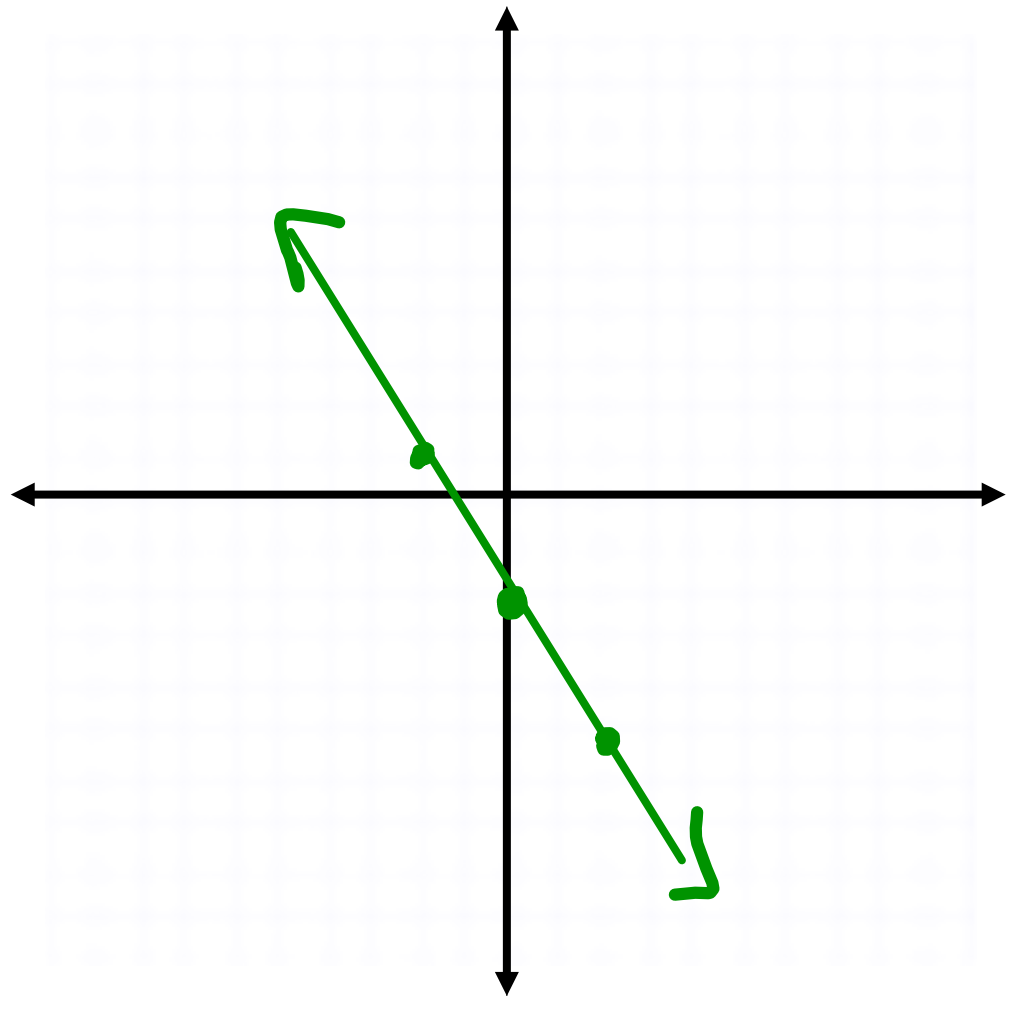


(9) $3x + 2y = -4$

$2y = -3x - 4$

$y = -\frac{3}{2}x - 2$

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

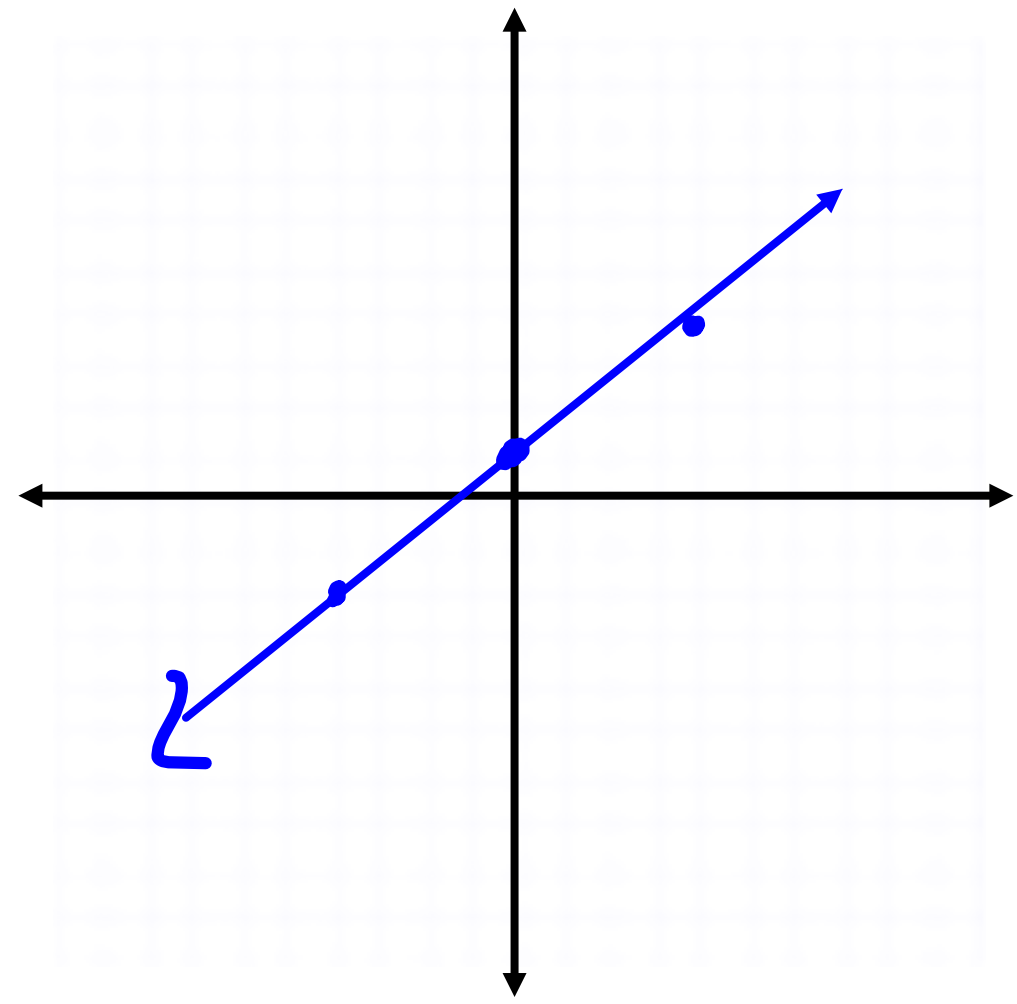


10) $4y - 3x = 4$

$4y = 3x + 4$

$y = \frac{3}{4}x + 1$

$m = \frac{3}{4}$ $b = 1$



11) $3x - 2y = 6$

$-2y = -3x + 6$

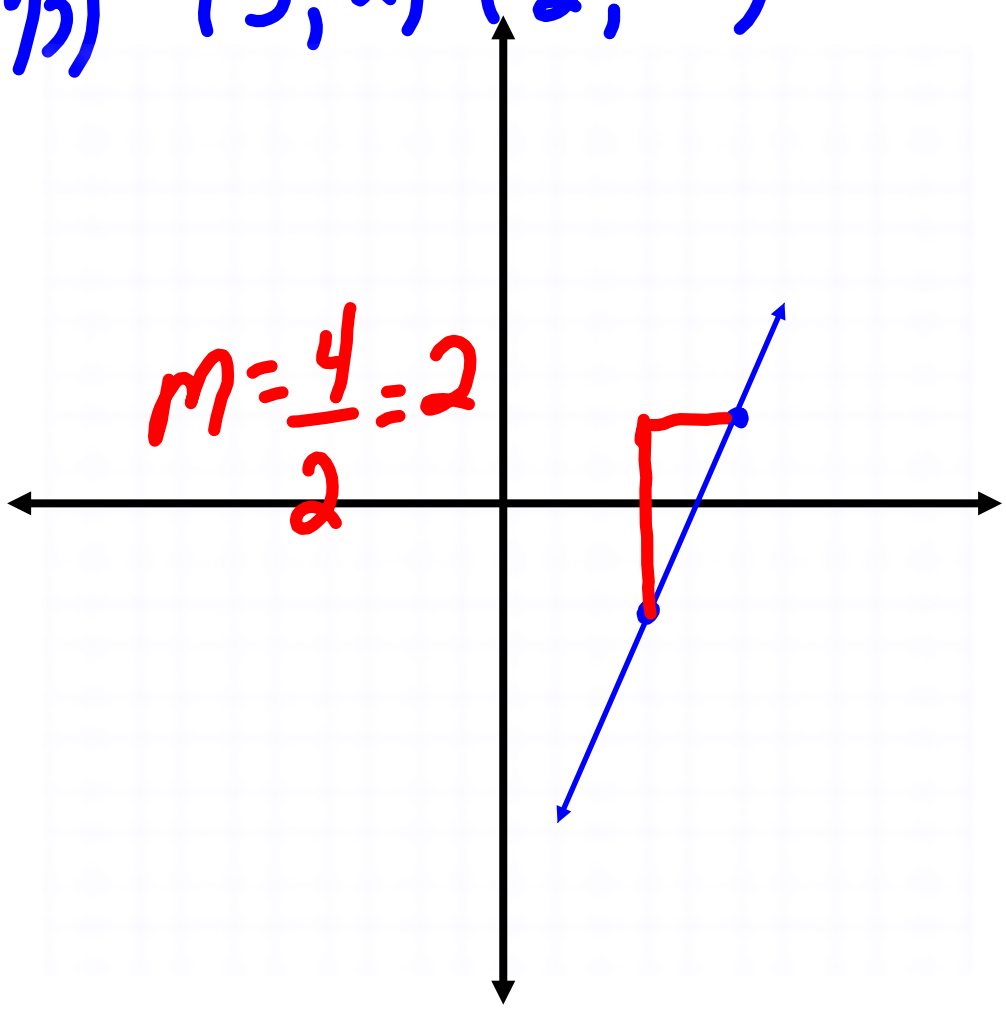
$y = \frac{3}{2}x - 3$

12) $2x - y = -2$

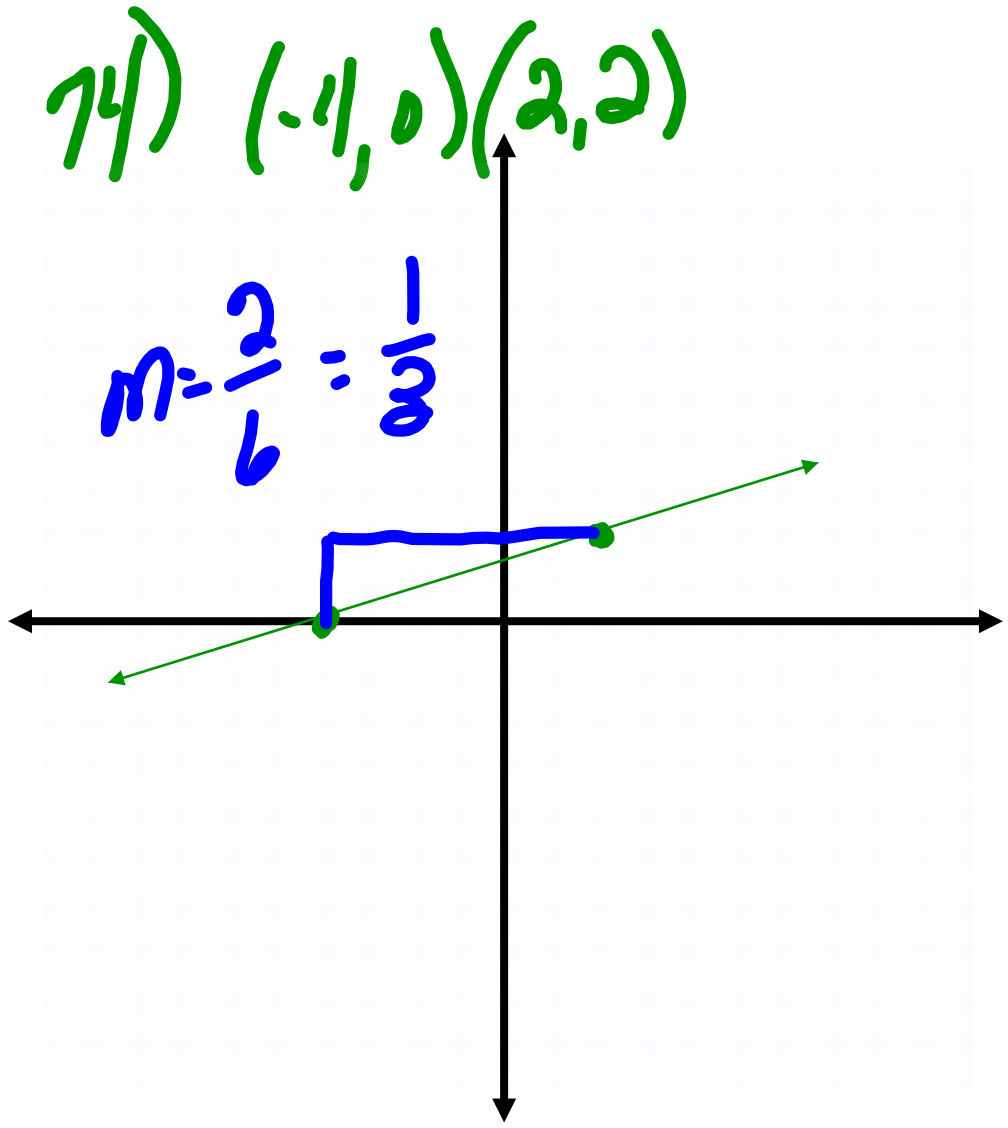
$-y = -2x - 2$

$y = 2x + 2$

73) (5, 2) (3, -2)



74) (-1, 0) (2, 2)



77) $y = -2x - 1$

$m = -2 \quad b = -1$

78) $y - \frac{1}{3}x = 0$

$y = \frac{1}{3}x$

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

79) $y + 2 = \frac{3}{4}x$

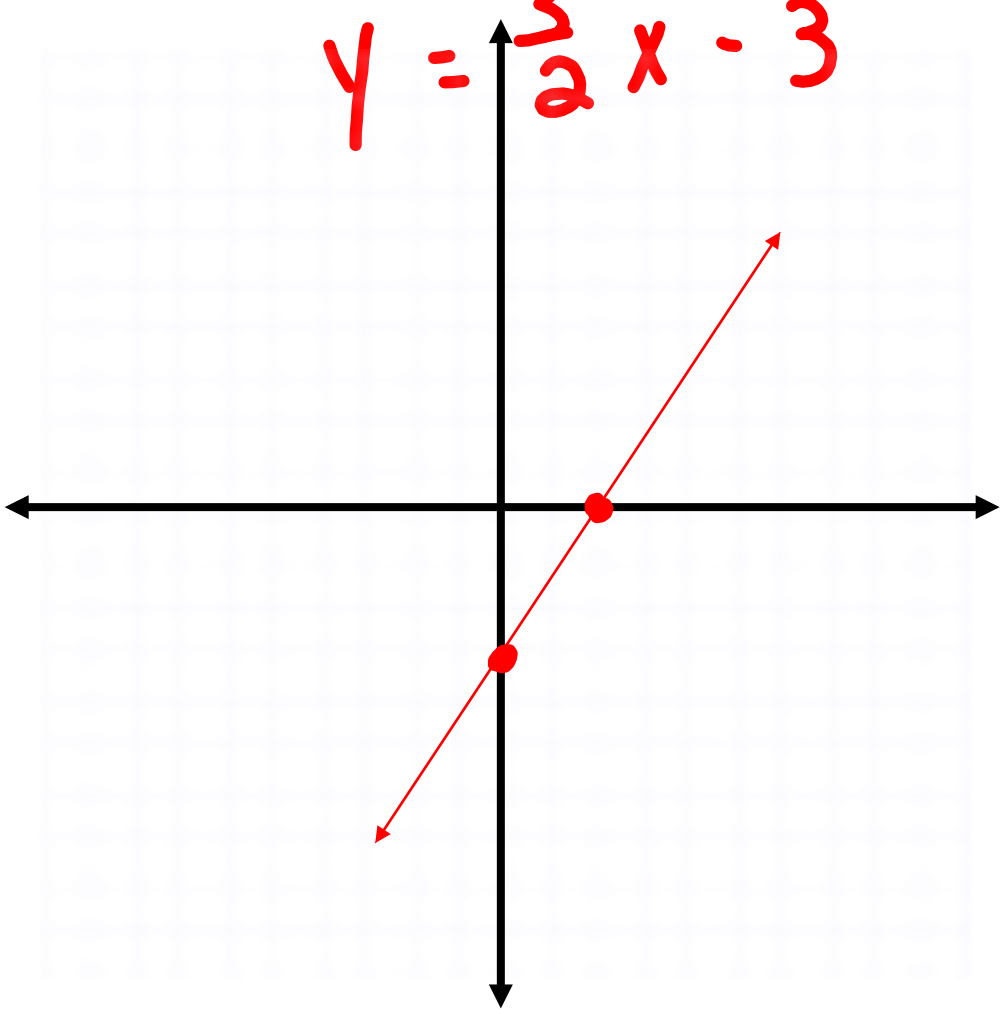
$y = \frac{3}{4}x - 2$

$m = \frac{3}{4} \quad b = -2$

80) $2x - 2y = 6$

$-2y = -3x + 6$

$y = \frac{3}{2}x - 3$



82) $(0, 3)(2, 3)$
$x_1 \; y_1 \quad x_2 \; y_2$

$m = \frac{3-3}{2-0} = \frac{0}{2} = 0$

84) $(9, -5)(6, 4)$
$x_1 \; y_1 \quad x_2 \; y_2$

$m = \frac{4-(-5)}{6-9} = \frac{9}{-3} = -3$

8c)

x	2	5	8	10
y	4	8	13	23

+3 +5 +10

+3 +5 +2

Not

93) $y = x + 3$

X-Int

$0 = x + 3$

$-3 = x$

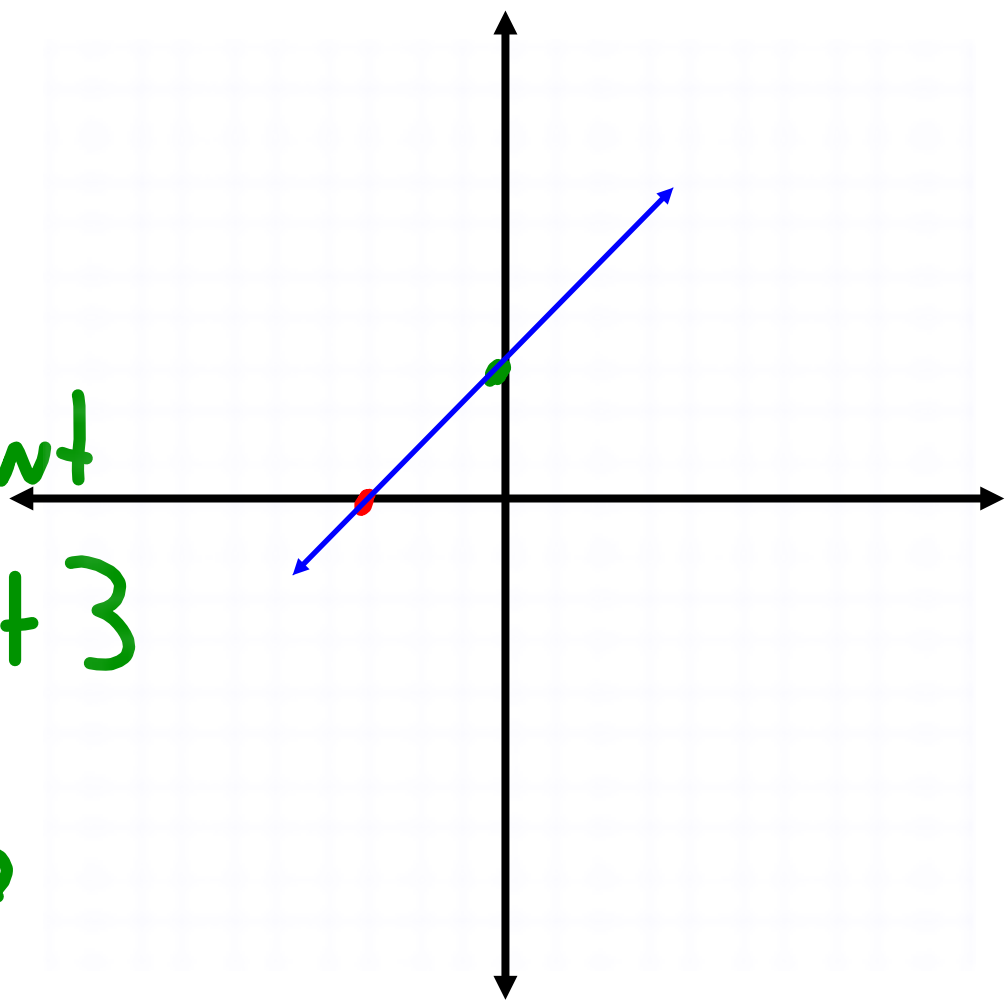
$(-3, 0)$

y-Int

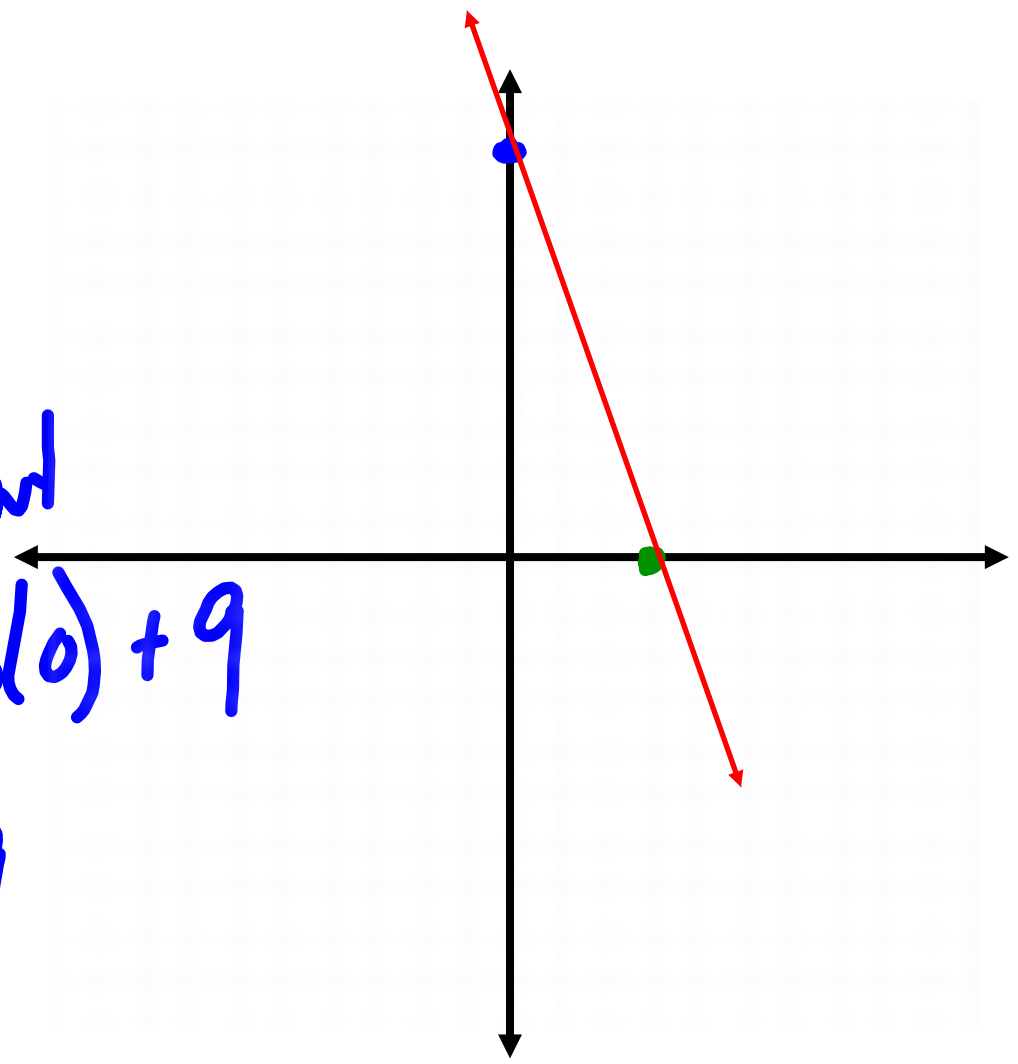
$y = 0 + 3$

$y = 3$

$(0, 3)$



94) $y = -3x + 9$



x-Int

$0 = -3x + 9$

$-9 = -3x$

$+3 = x$

$(+3, 0)$

y-Int

$y = -3(0) + 9$

$y = 9$

$(0, 9)$