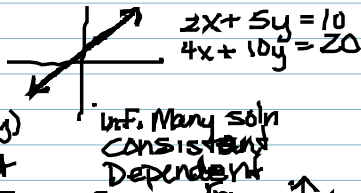
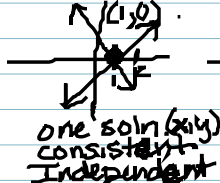
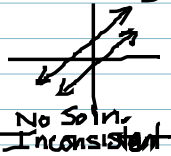


3.1 Graphing Systems of Equations (pg 135)



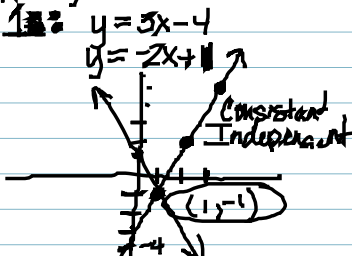
Ex#1

$$\begin{aligned} 3x + 2y &= -2 \\ -3x & & -4x + 5y &= -28 \\ -3x & & +4x & \end{aligned}$$

$$\frac{2y}{2} = \frac{-3x - 2}{2} \quad \frac{5y}{5} = \frac{4x - 28}{5}$$

$$y = -\frac{3}{2}x - 1 \quad y = \frac{4}{5}x - 5\frac{4}{5}$$

Pg 138



Ex#2

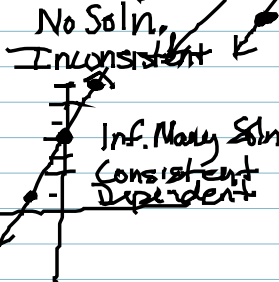
$$\begin{aligned} y &= 2x + 4 \\ -x + y &= 1 \\ +2x & \end{aligned}$$

$$y = 2x + 1$$

#3

$$\begin{aligned} y &= 3x + 4 \\ -3x + y &= 4 \\ +3x & \end{aligned}$$

$$y = 3x + 4$$



Graphing Calculator

$y = 3x$ & $y = -2x + 1$ zoom 6 2nd calc 5: intersect
 1st Enter
 2nd arrow Enter
 Gauss Enter $x = 1$ $y = -1$
 (1, -1)

