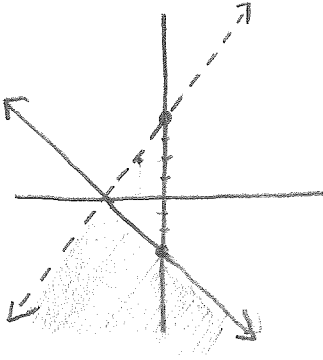


⑩ $y < 2x + 4$

$$\begin{array}{r|l} -3x - 2y \geq 6 & \\ +3x & +3x \\ \hline -2y \geq 3x + 6 & \\ \frac{-2}{-2} & \frac{3x+6}{-2} \quad \frac{-2}{-2} \\ \hline y \leq -\frac{3}{2}x - 3 & \end{array}$$

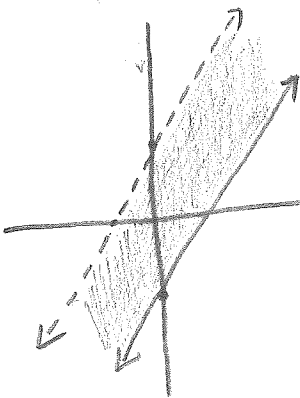
Remember! When you divide by a negative number, the direction of the inequality sign switches.



⑪ $y < 2x + 4$

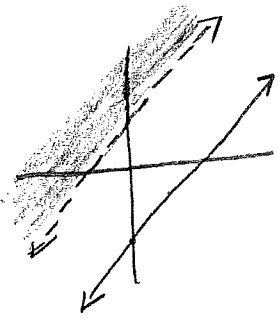
$$\begin{array}{r|l} 2x - y \leq 4 & \\ -2x & -2x \\ \hline -y \leq -2x + 4 & \\ \frac{-1}{-1} & \frac{-2x+4}{-1} \quad \frac{-1}{-1} \\ \hline y \geq 2x - 4 & \end{array}$$

Divide by negative. Switch direction of inequality sign.

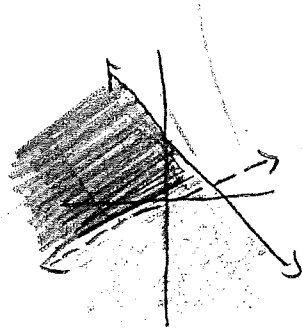


⑫ $y > 2x + 4$
 $2x - y \leq 4$

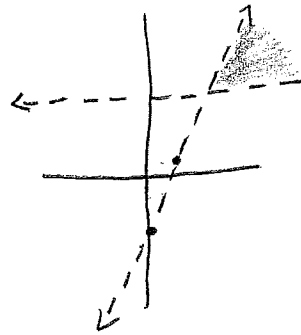
$$\begin{array}{r|l} -2x & -2x \\ \hline -y & -2x + 4 \\ \hline - & - & - & - \\ \hline y & \geq & 2x & -4 \end{array}$$



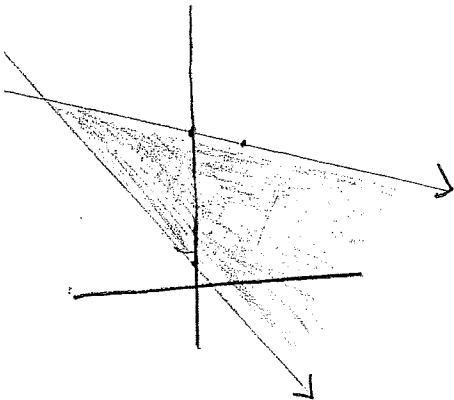
⑬ $y > \frac{1}{4}x$
 $y \leq -x + 4$



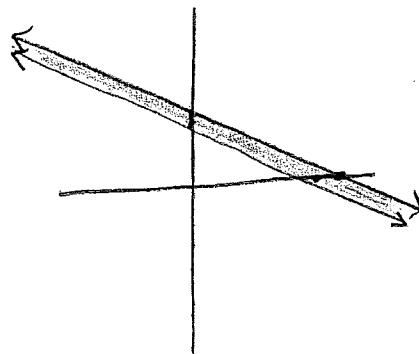
⑭ $y < 2x - 3$
 $y > 5$



⑮ $y \leq -\frac{1}{3}x + 7$
 $y \geq -x + 1$



⑯ $x + 2y \leq 10$
 $x + 2y \geq 9$



⑰ $y \geq -x + 5$
 $y \leq 3x - 4$

