

Systems of Inequalities

$$\textcircled{2} \begin{array}{r} 5x + 5y \leq 10 \\ -5x \qquad -5x \end{array}$$

$$\frac{5y \leq -5x + 10}{5} \qquad \frac{-5x + 10}{5}$$

$$y \leq -x + 2$$

$$\begin{array}{r} 2x - 3y > 6 \\ -2x \qquad -2x \end{array}$$

$$\frac{-3y > -2x + 6}{-3} \qquad \frac{-2x + 6}{-3}$$

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

flip sign!

