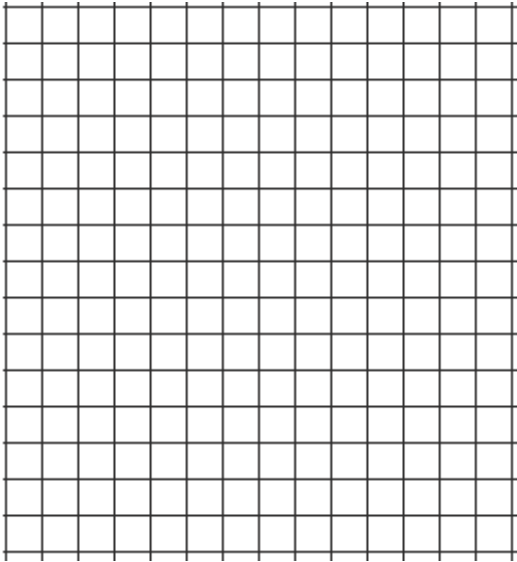


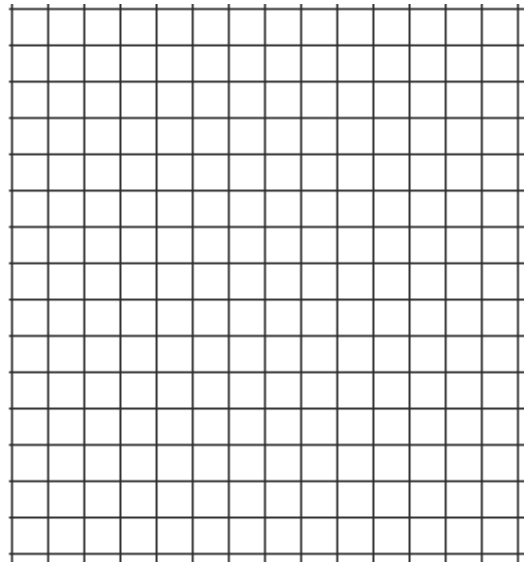
CP Algebra 2
HW: Linear Inequalities

Name: _____

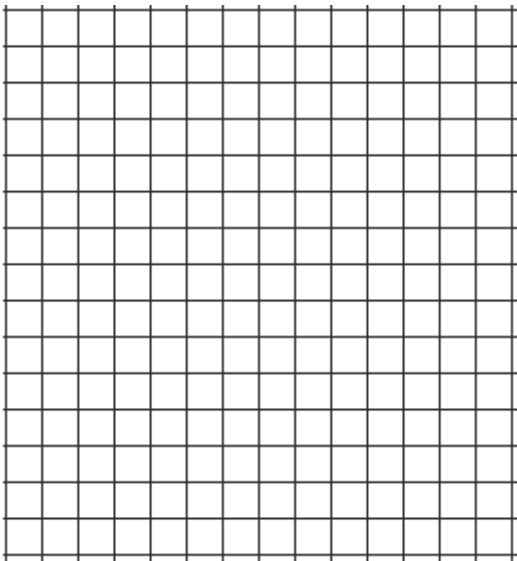
1.)
$$\begin{cases} y \geq \frac{2}{3}x - 7 \\ y < -2x + 1 \end{cases}$$



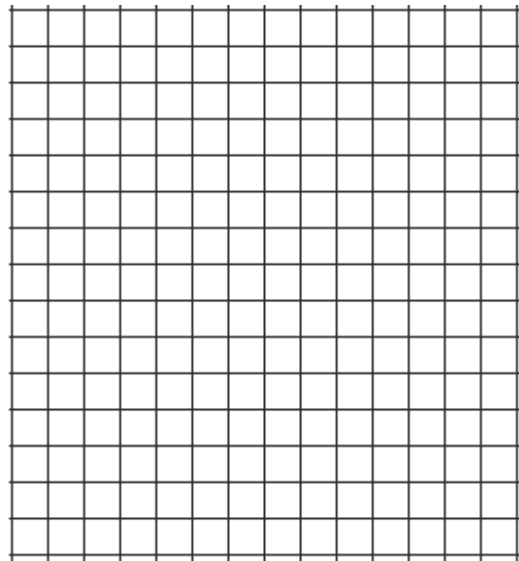
2.)
$$\begin{cases} 4x + 5y < 20 \\ y \leq x + 3 \end{cases}$$



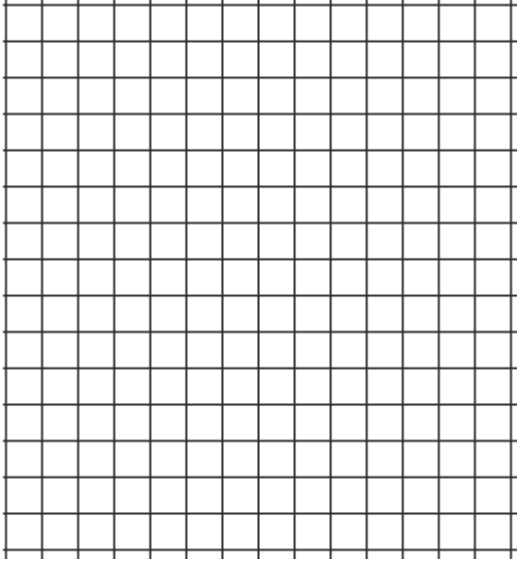
3.)
$$\begin{cases} 2x + 3y < 9 \\ x - y < 1 \\ x \geq -3 \end{cases}$$



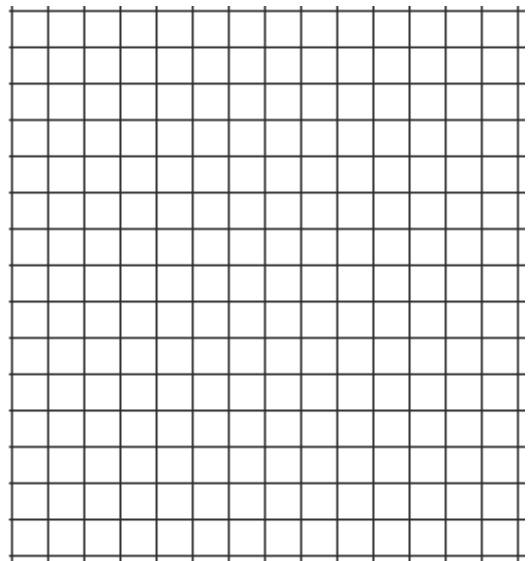
4.)
$$\begin{cases} 7x - 2y < 14 \\ x + 2y < -2 \\ y < 1 \end{cases}$$



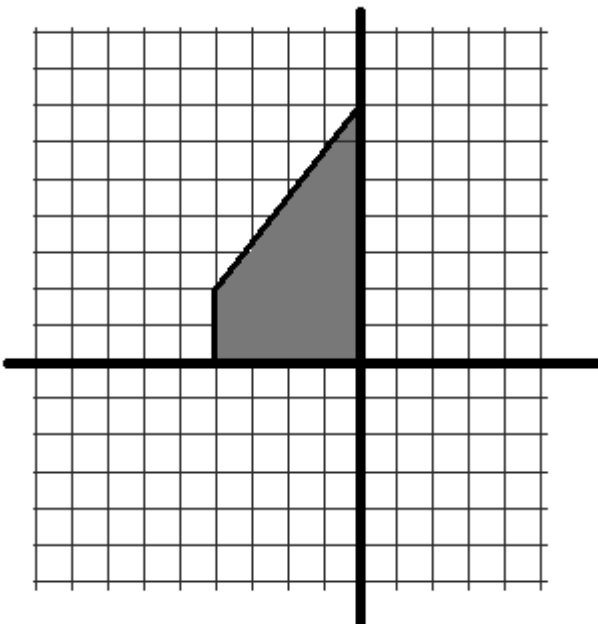
$$5.) \begin{cases} 3x + 4y \leq 12 \\ \frac{3}{2}x - y < 2 \\ x > -1 \end{cases}$$



$$6.) \begin{cases} y < x + 2 \\ y + x < 2 \\ y + x > -2 \\ y > x - 2 \end{cases}$$



7.)



8.)

