

CP Algebra 2
Notes: Linear Inequalities

Name: _____

Graphing Inequalities

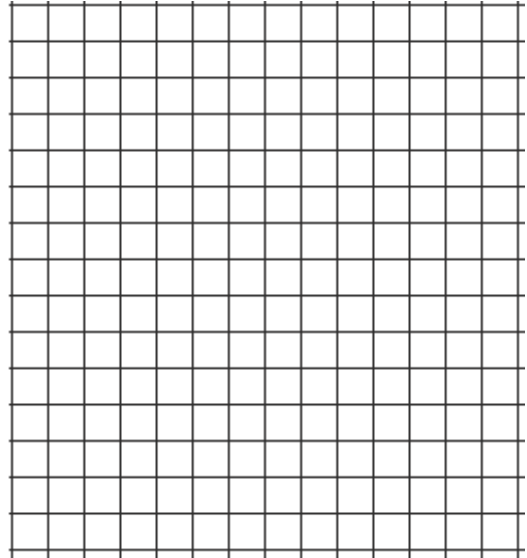
[EX 1] $4x - 6y < 12$

1.)

2.)

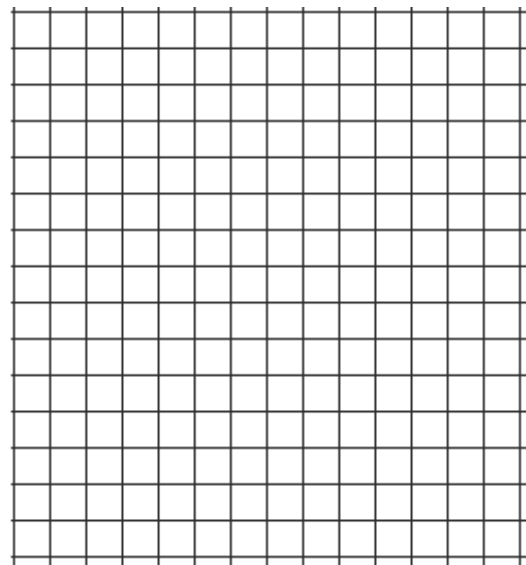
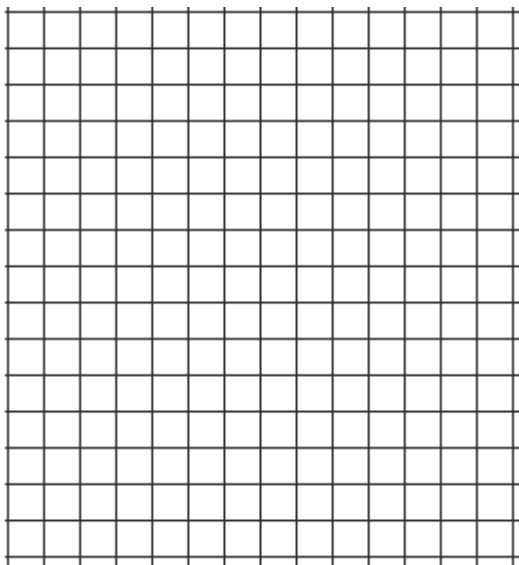
3.)

4.)



[EX 2] $x < 5$

[EX 3] $y \leq \frac{4}{5}x - 3$



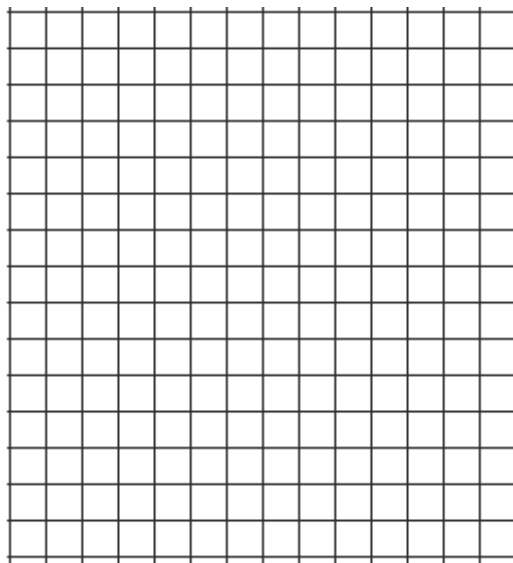
Graphing Systems of Inequalities

[EX 1]

$$\begin{cases} 6x + 3y < 18 \\ 2x + y \geq 1 \\ x \geq -4 \end{cases}$$

1.)

2.)



[EX 2]

[EX 3]

$$\begin{cases} 4y \leq 7x + 28 \\ y < -\frac{1}{3}x + 4 \\ y \geq 1 \end{cases}$$

