

NAME _____

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Module 10 Solving Systems of Linear Equations and Inequalities

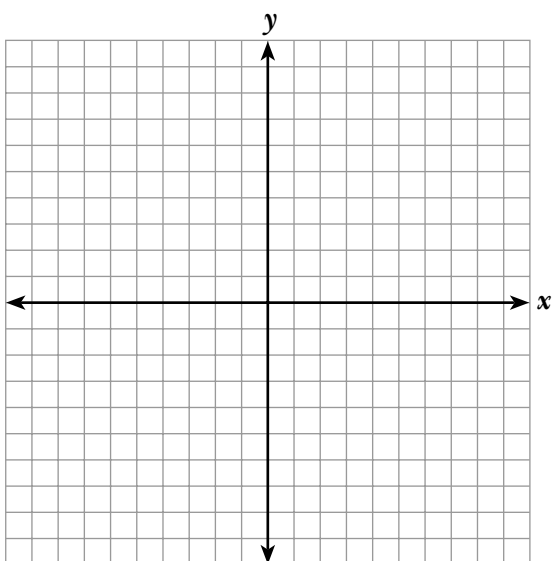
Lesson 4 Solving Systems of Linear Inequalities by Graphing

guided practice

Set 1

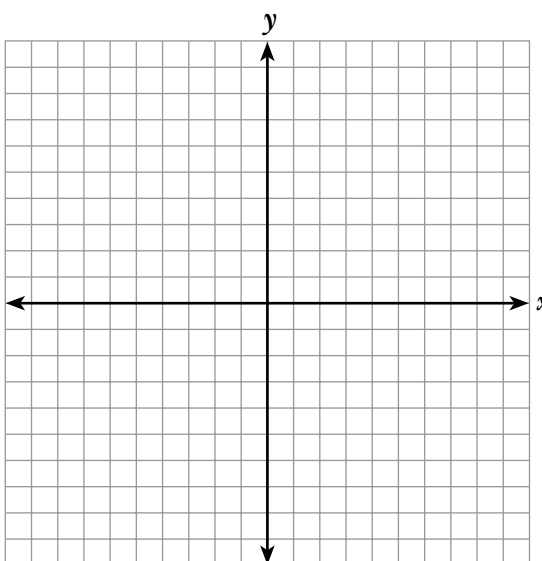
1. Graph:

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



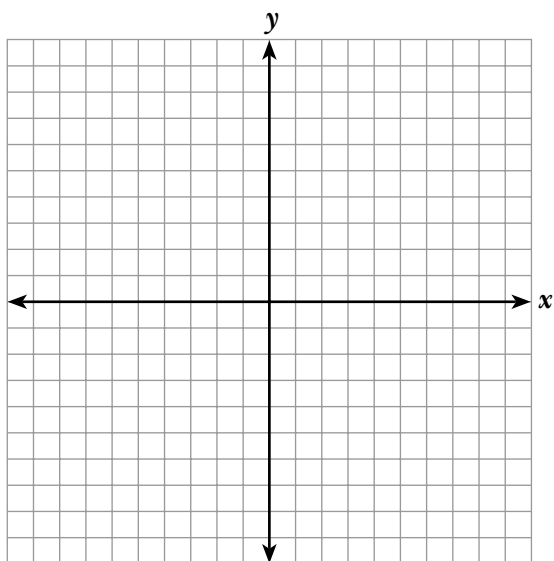
2. Graph:

$$\begin{cases} y \geq -x \\ y \leq \frac{1}{2}x - 3 \end{cases}$$



3. Graph:

$$\begin{cases} 2x - y \geq 2 \\ 2x - 5y < 10 \end{cases}$$



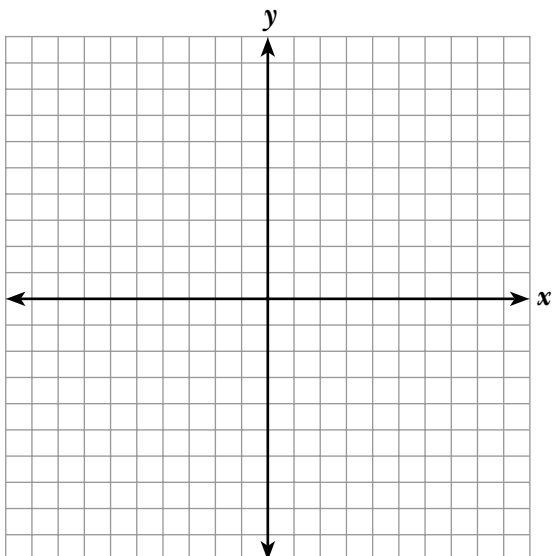
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Set 2

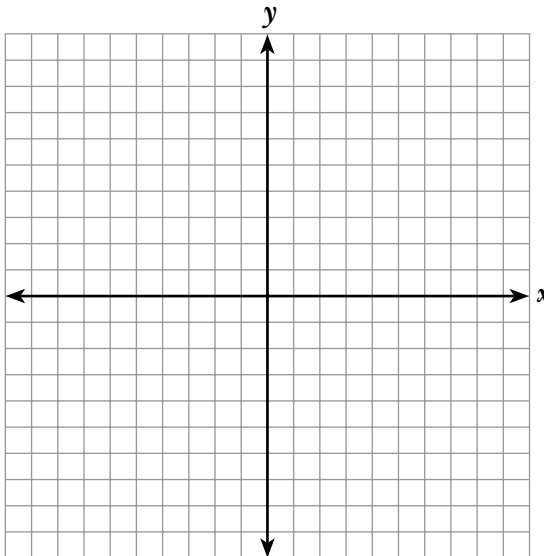
1. Graph:

$$\begin{cases} y > 4x - 2 \\ y < 4x + 3 \end{cases}$$



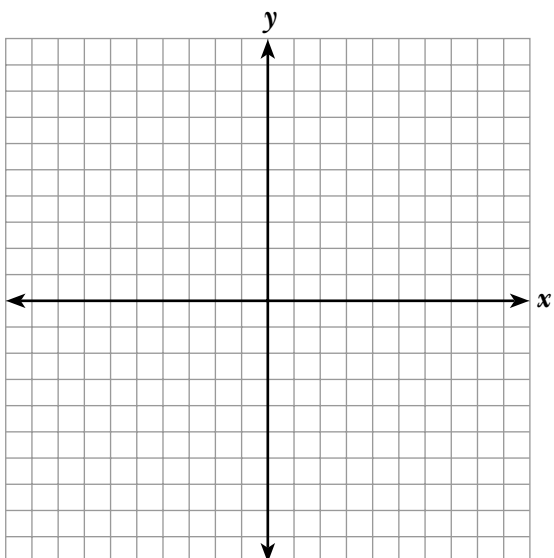
2. Graph:

$$\begin{cases} y \leq 4 \\ 6x - 3y \leq 12 \end{cases}$$



3. Graph:

$$\begin{cases} 4x - 6y < 12 \\ 2x > 3y + 12 \end{cases}$$



4. Graph:

$$\begin{cases} x \leq 1 \\ y \leq 1 \\ y \geq -x \end{cases}$$

