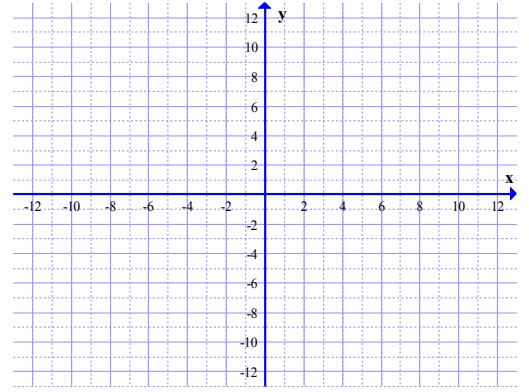
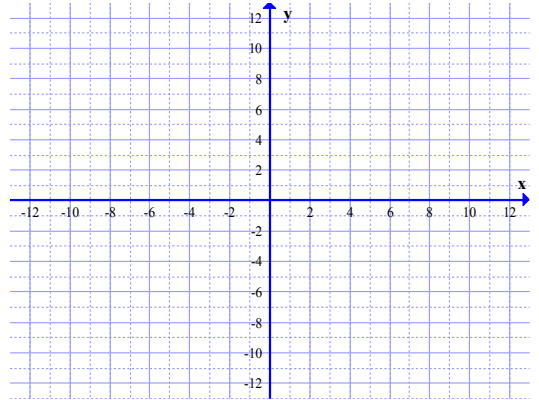


8.7 Practice Problems

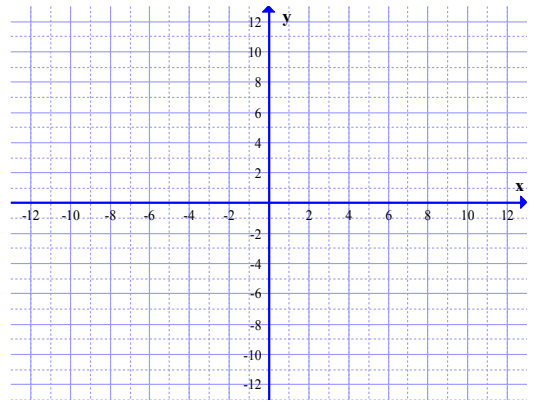
1. Graph the inequality. $y \geq 2x + 3$



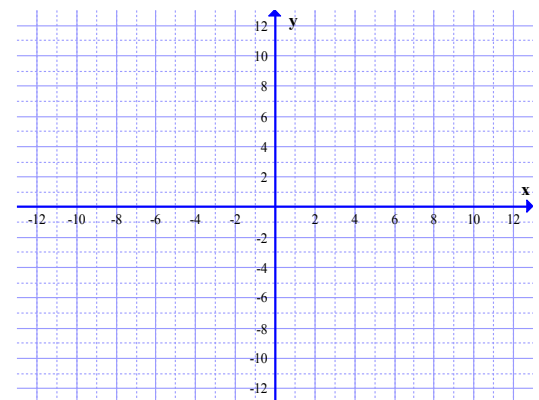
2. Graph the inequality. $4x - 5y \leq 20$



3. Graph the inequality. $y \leq -3$

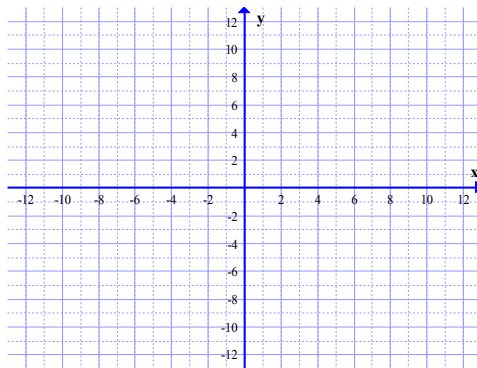


4. Graph the inequality. $x^2 + y^2 \leq 16$



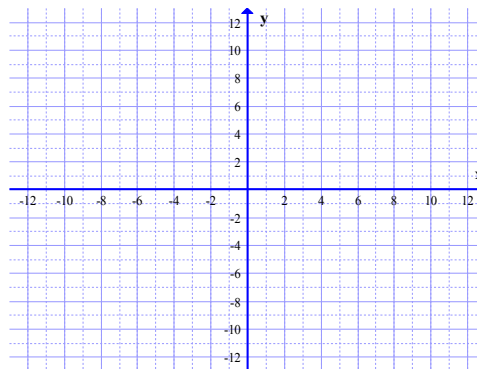
5. Graph the system of inequalities.

$$\begin{cases} x > 5 \\ y \leq 8 \end{cases}$$



6. Graph the system of inequalities.

$$\begin{cases} y \leq -\frac{2}{3}x - 2 \\ 3x - 5y \leq 15 \end{cases}$$



7. Graph the system of inequalities.

$$\begin{cases} y \geq x^2 - 3 \\ x^2 + y^2 \leq 9 \end{cases}$$

