

Graphing Inequalities

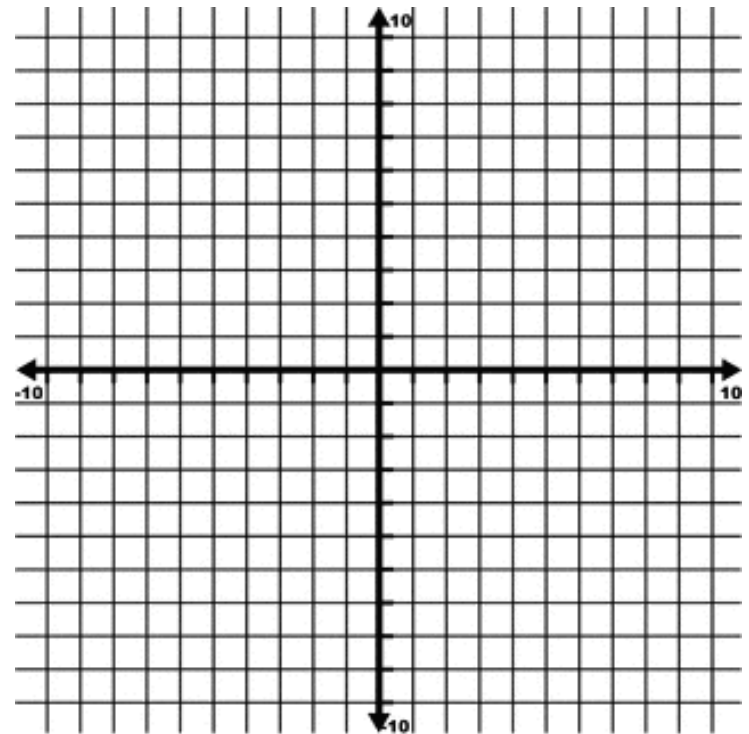
$$2x - 4y \leq -8$$

Convert to Slope-Intercept Form

Slope

Y-Intercept

(,)



Line Type

Test Point

Test Space

Broken (Exclusive)

(^x , ^y)

Solid (Inclusive)

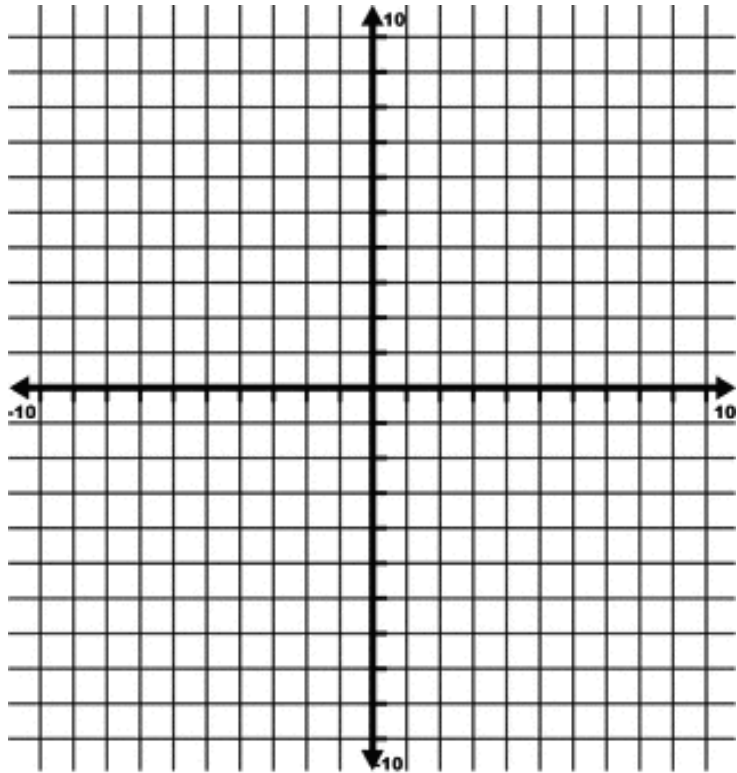
True False

$$x - y > 3$$

Convert to Slope-Intercept Form

Slope

Y-Intercept
(,)



Line Type

Broken (Exclusive)
Solid (Inclusive)

Test Point

$\begin{matrix} x & y \\ (& , &) \\ \text{True} & \text{False} \end{matrix}$

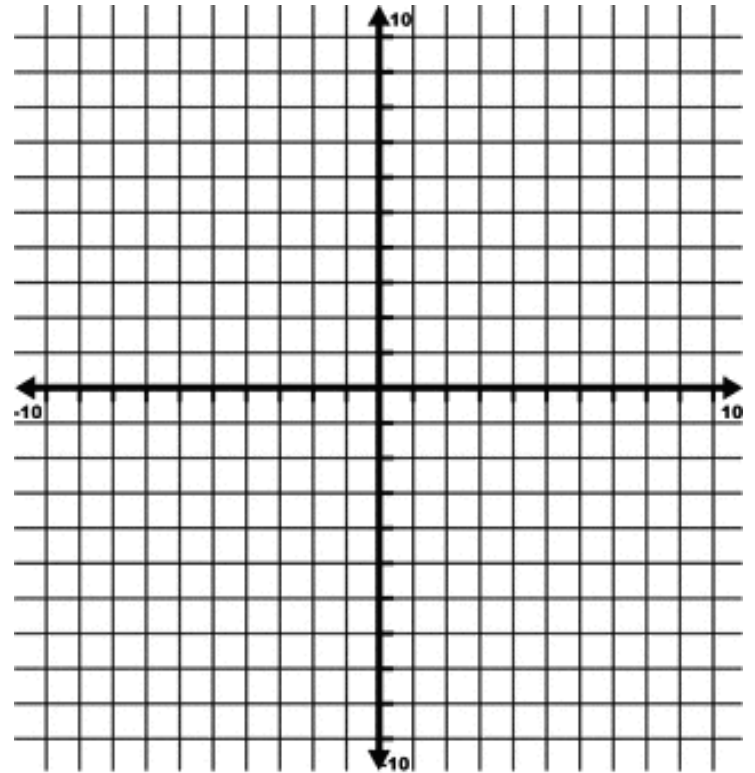
Test Space

$$2x + y < -2$$

Convert to Slope-Intercept Form

Slope

Y-Intercept
(,)



Line Type

Broken (Exclusive)
Solid (Inclusive)

Test Point

$\begin{matrix} x & y \\ (& , &) \\ \text{True} & \text{False} \end{matrix}$

Test Space