1. Solve for y
2. Graph using slope y-int.
3. Solid or dash?
4. Shade

*** When you divide/mult. by a negative you flip the inequality

solid
$\leq, \geq, =$

dash
$<, >$

Shade above
$\geq, >$

$\leq, <$
Shade below

$2x - 3y < 12$

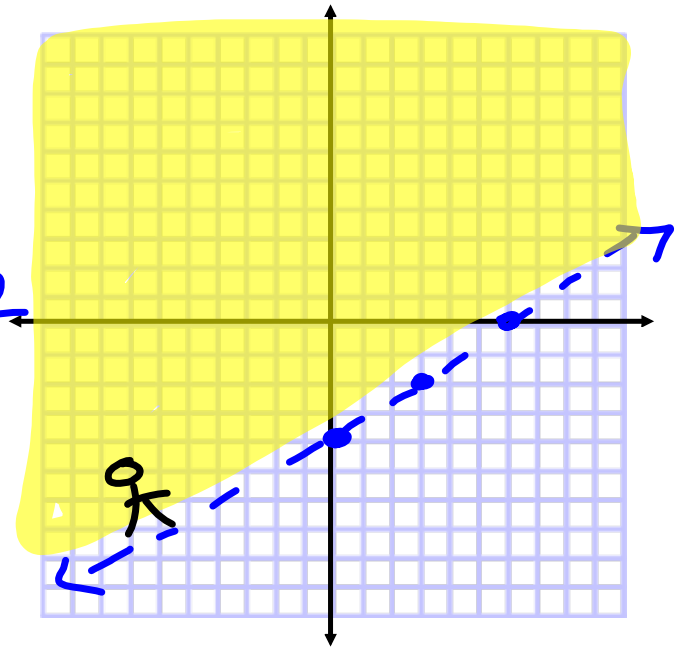
$-2x \qquad -2x$

$\frac{-3y}{-3} < \frac{-2x+12}{-3}$

$y > \frac{2}{3}x - 4$

$m = \frac{2}{3}$

$b = -4$



$y - 1 \leq 2x$

$+1 \quad +1$

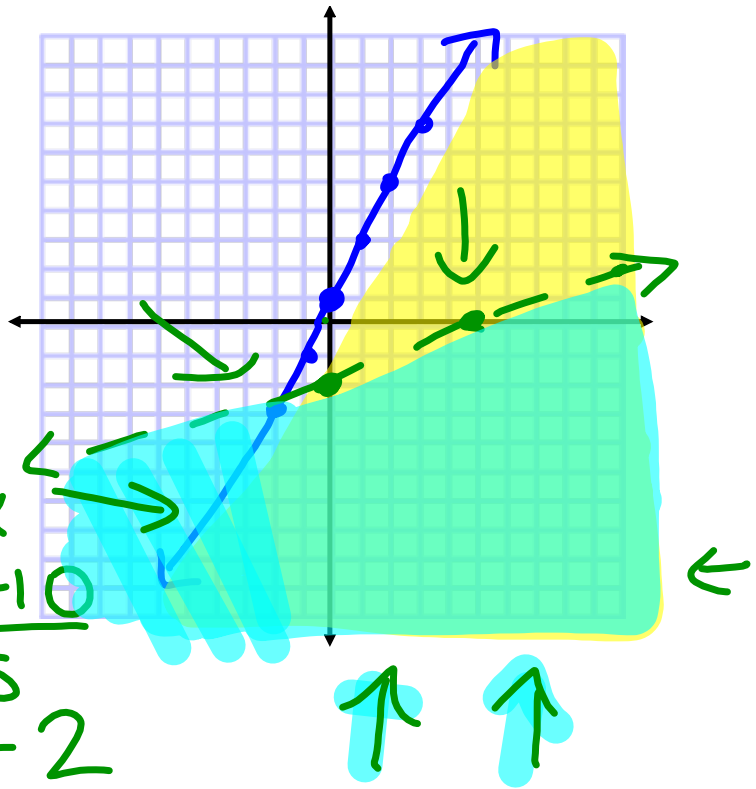
$y \leq 2x + 1$

$2x - 5y > 10$

$-2x \quad -2x$

$\frac{-5y}{-5} > \frac{-2x + 10}{-5}$

$y < \frac{2}{5}x - 2$



$x - y > 3$

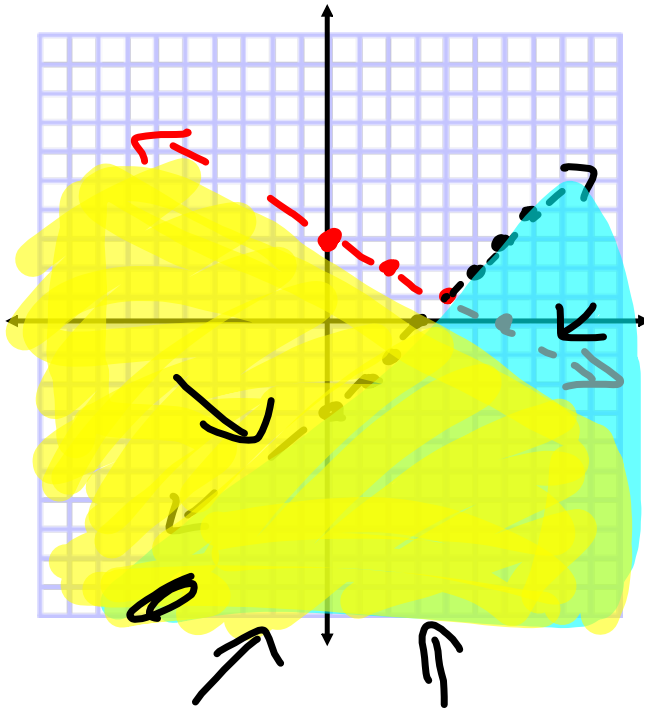
$\frac{-y}{-1} > \frac{-x + 3}{-1}$

$y < 1x - 3$

$x + 2y < 6$

$\frac{2y}{2} < \frac{-x + 6}{2}$

$y < -\frac{1}{2}x + 3$



$y > 2$

$x < -2$