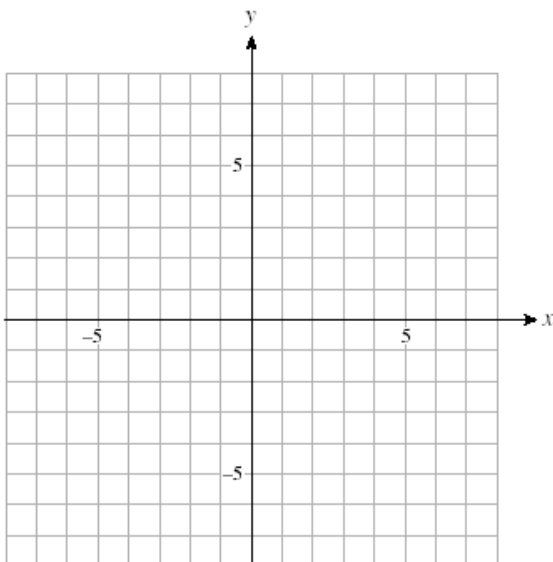


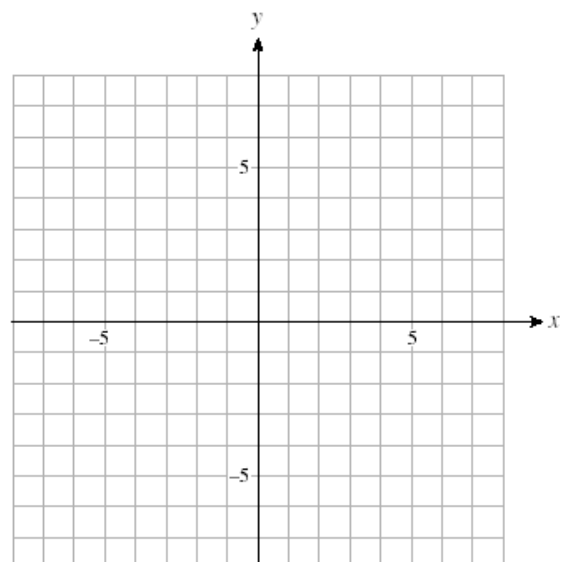
- d. What is the domain and range of the graph you drew?
- e. What does each region of the graph represent? Above the line? Below the line?
- f. The solution set is:

Example Graph each of the following inequalities:

a) $y > -2x + 7$



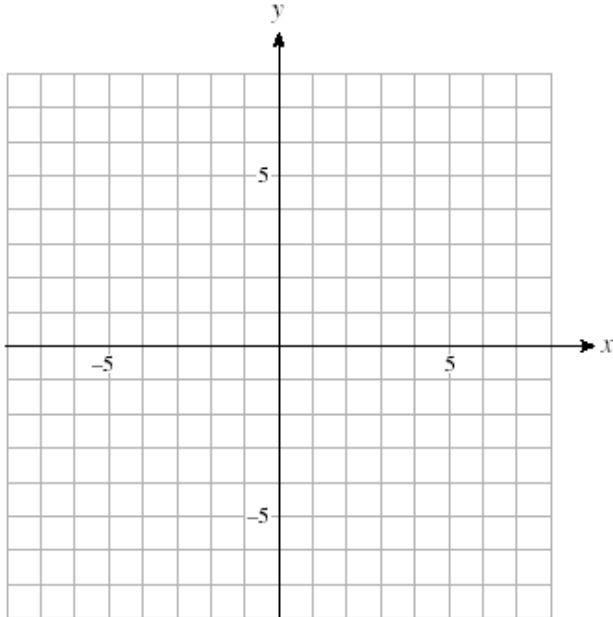
b) $2x - 3x \leq 12$



Steps to graphing an inequality:

Ex. #3 Graph the solution set for each linear inequality.

a) $\{(x, y) | x - 3 > 0, x \in \mathbb{R}, y \in \mathbb{R}\}$



b) $\{(x, y) | -2y + 6 \leq 0, x \in \mathbb{R}, y \in \mathbb{R}\}$

