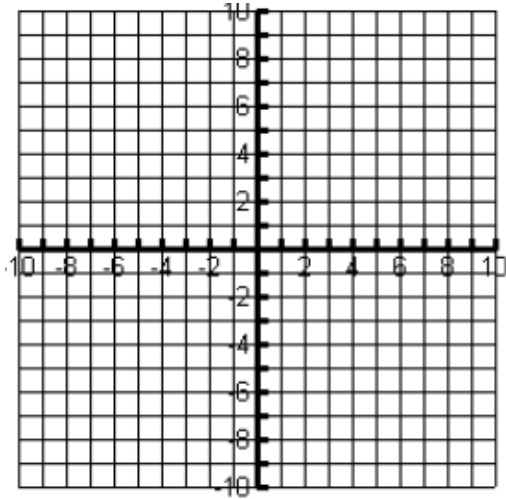


Solve the system of inequalities.

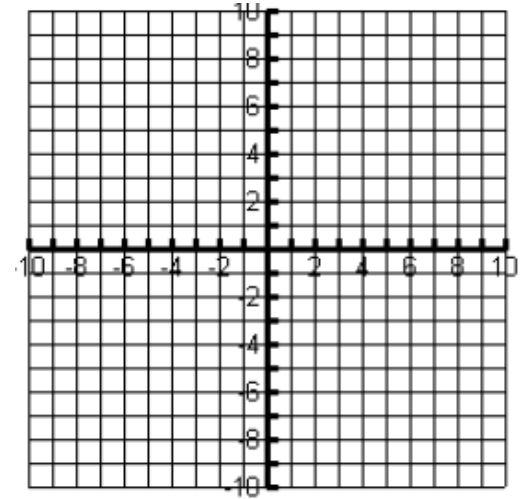
$$y = |x|$$

$$y = |x - 4|$$



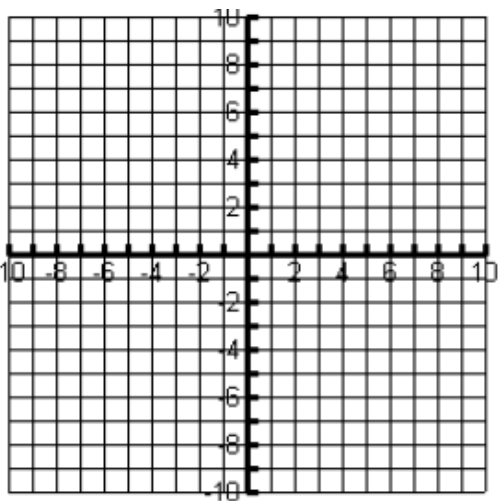
$$y = -|x| + 6$$

$$y = |x - 4|$$



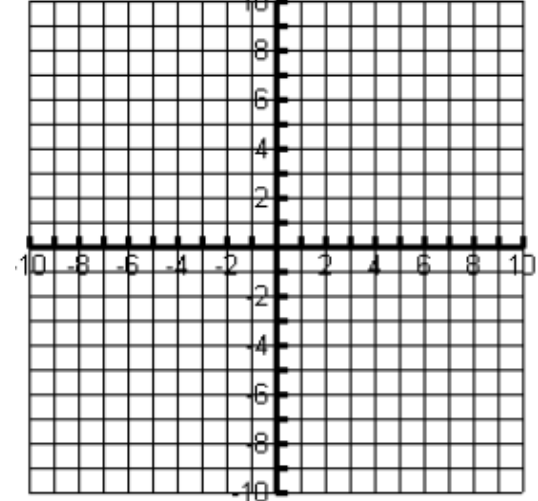
$$f(x) = -|x + 3| + 6$$

$$f(x) = |x - 4| + 4$$

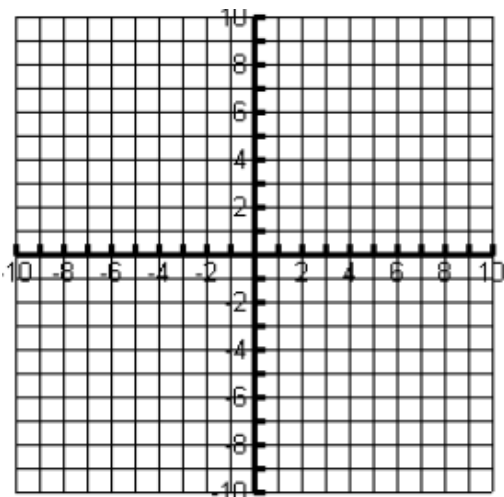


$$f(x) = -|2x - 6| + 5$$

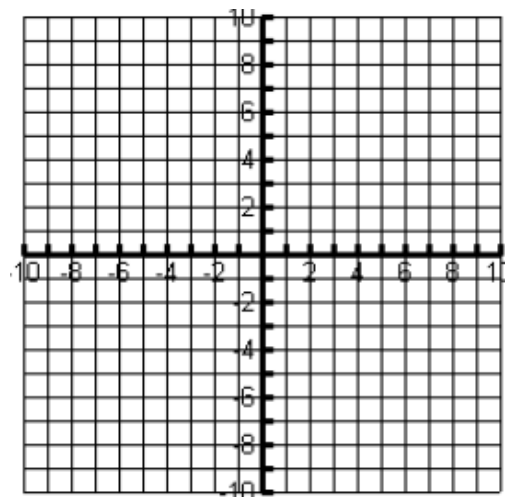
$$f(x) = |x - 3| + 5$$



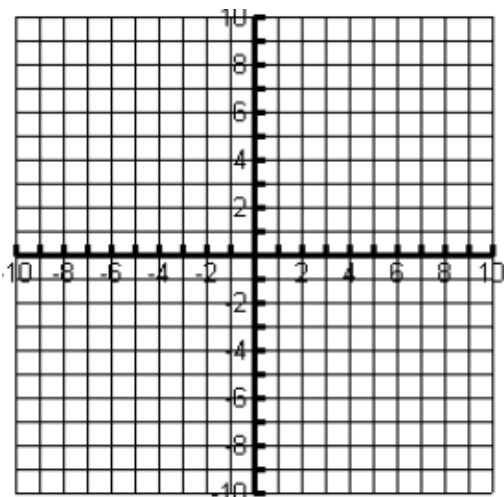
$$f(x) \leq |x-2| + 6$$



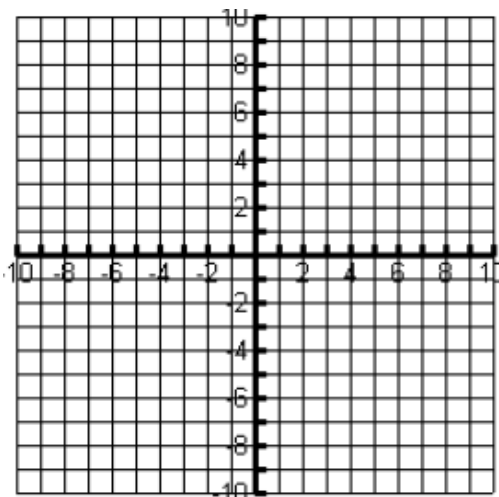
$$-y > |x+5|$$



$$f(x) > |x+4| - 6$$



$$f(x) < |2x-2| + 2$$



Given the following absolute value inequality, identify a solution that is in the region of possible solutions.

$$-y - 7 \leq |x - 4| - 5$$