

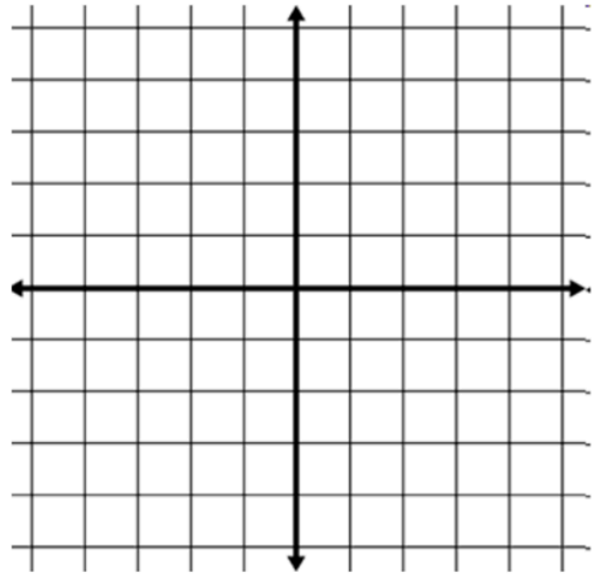
Name: _____

Graphing Systems of Inequalities Practice

Graph each line to the axis on the right.

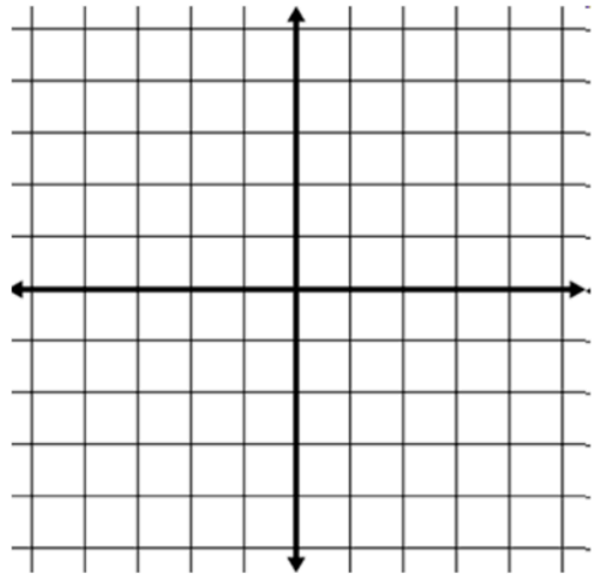
1) $y \leq -3x + 4$

$$y \geq 3x - 4$$



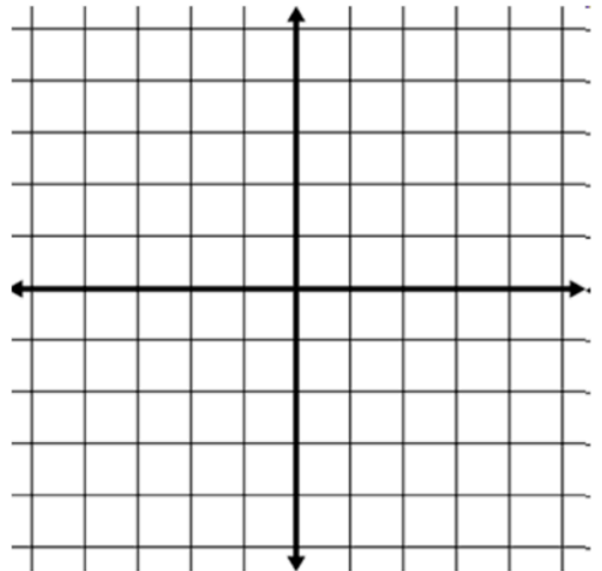
2) $y > \frac{3}{2}x - 2$

$$y \leq -x + 4$$



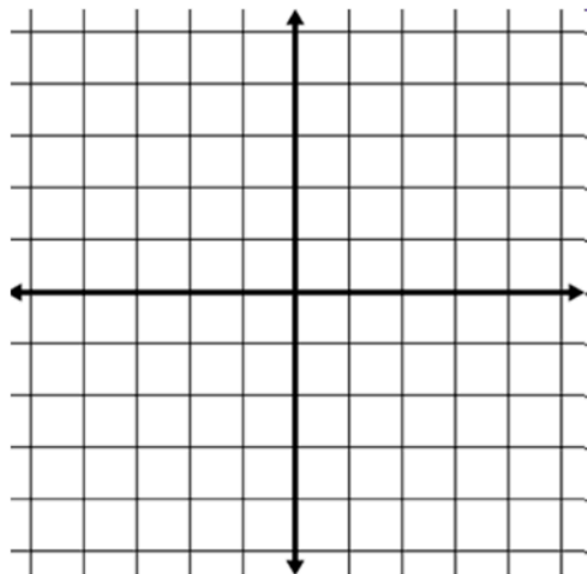
3) $3y < -2x + 24$

$$y \leq -x + 8$$



4) $x \geq 3$

$y \leq -\frac{1}{2}x + 4$



- 5) Taylor is working two summer jobs, making \$15 per hour washing cars and making \$20 per hour clearing tables. In a given week, she would like to work 30 total hours or less, but she must earn a minimum of \$500 to save for a new car. If x represents the number of hours washing cars and y represents the number of hours clearing tables, write and solve a system of inequalities graphically and determine one possible solution of how many hours she works at each job.

