

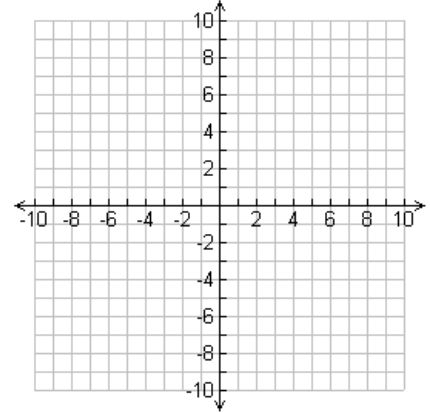
Name \_\_\_\_\_ Hour \_\_\_\_\_

### Algebra 4.7 - Systems of Inequalities

Solve each system of inequalities by graphing.

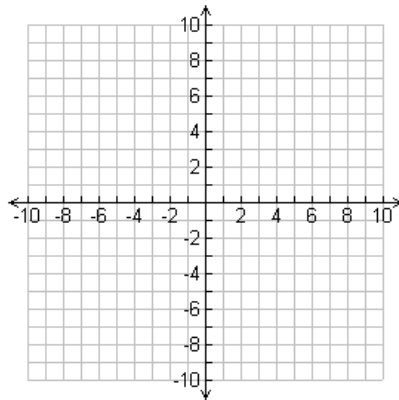
1.  $x + y \geq 1$

$x + y \leq 2$



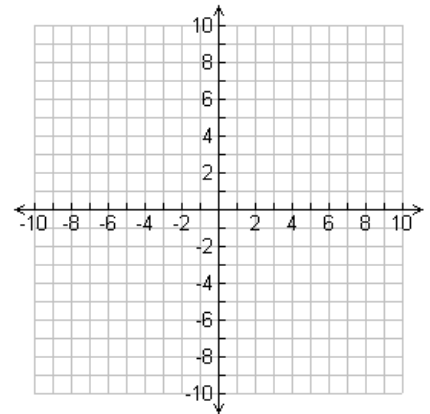
2.  $y < 4x + 3$

$4x - y \geq 1$



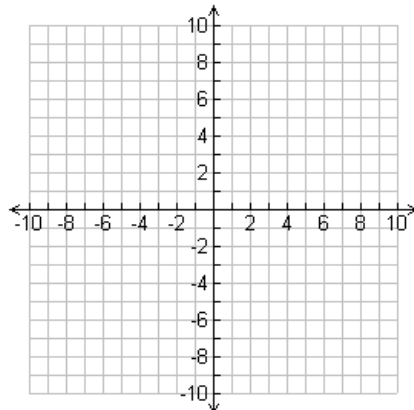
3.  $y \leq 2x - 7$

$y \geq 2x + 7$



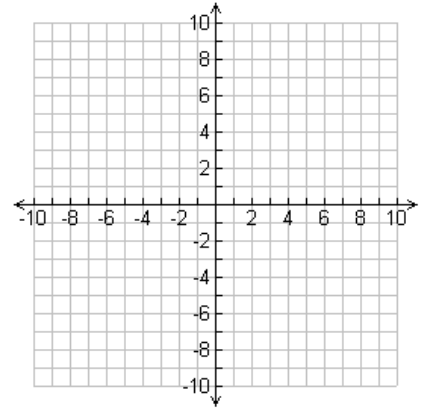
4.  $y < 6$

$y > x + 3$



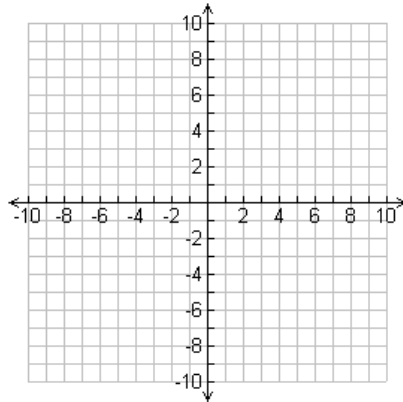
5.  $3x + y > -1$

$y < -4x + 1$



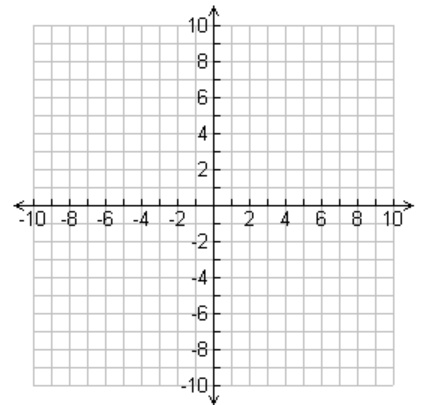
6.  $y \leq x + 10$

$y > 6x + 2$



7.  $y \geq 0$

$y \leq x - 5$



8.  $2y \geq x$

$x - 3y > -6$

