

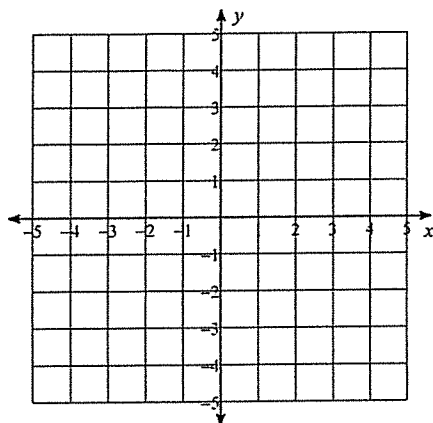
Systems of Linear Inequalities Practice 3

Date _____

Sketch the solution to each system of inequalities. State at least one solution to the system. (,)

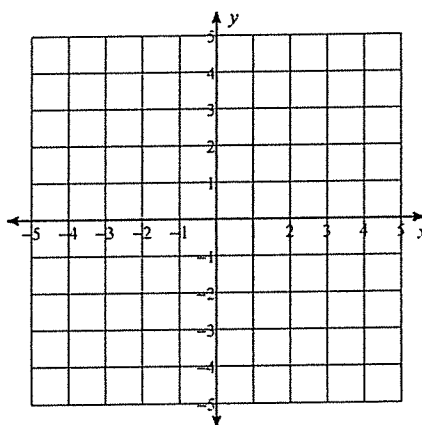
1) $x > 2$

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



2) $y < 3x - 1$

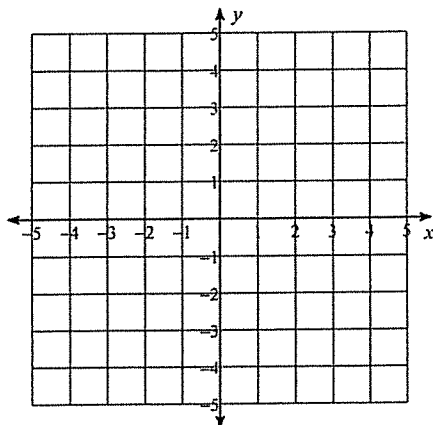
$y \geq -x + 3$



Pick 3 to
do on 1-6;
do both of
7 & 8

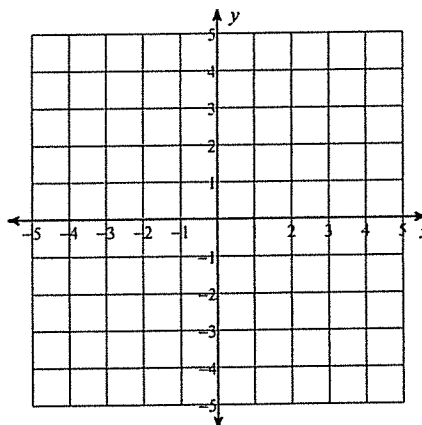
3) $y \geq \frac{1}{2}x - 3$

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



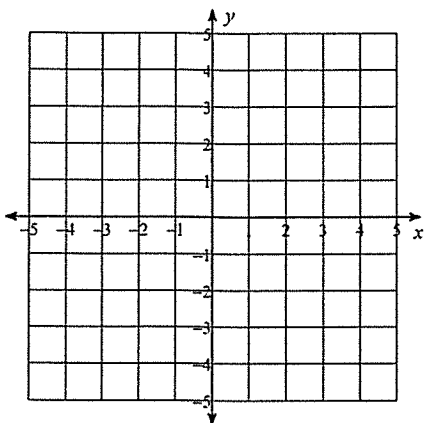
4) $y > -\frac{1}{2}x + 2$

$y \geq -1$



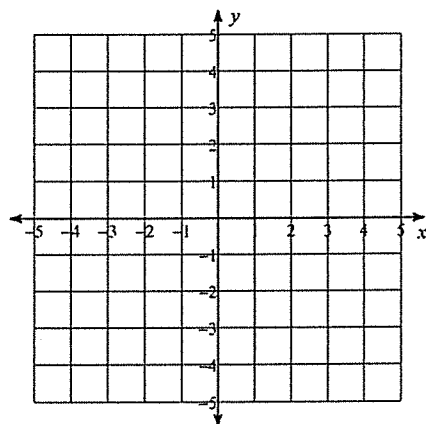
$$5) \ y < \frac{1}{2}x + 1$$

$$y > 2x - 2$$



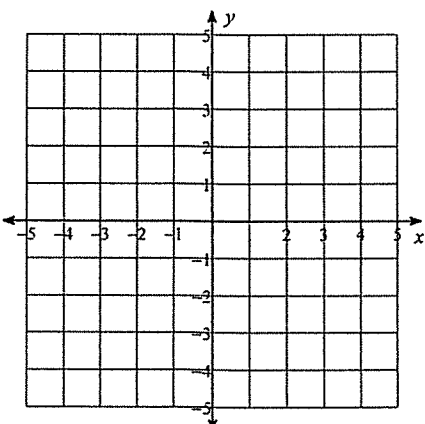
$$6) \ y < \frac{5}{3}x - 3$$

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



$$7) \ x + y > 2$$

$$3x - y < 2$$



$$8) \ 2x + 3y \leq -9$$

$$2x - 3y \leq -3$$

