

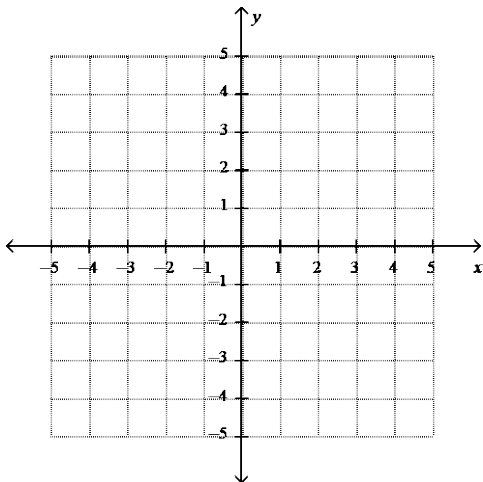
## Chapter 7.5 – 7.6 Quiz Review Packet

Name: \_\_\_\_\_

In #1 and #2, solve the linear system by GRAPHING.

1.)  $-6x + 2y = 4$

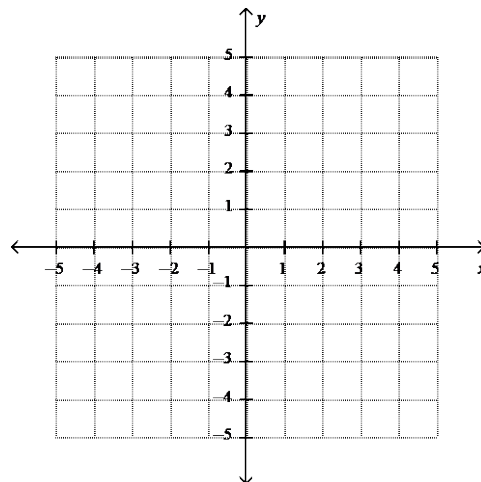
$-9x + 3y = 12$



1.) \_\_\_\_\_

2.)  $3x - 2y = 3$

$-6x + 4y = -6$



2.) \_\_\_\_\_

In #3 – 6, solve the linear system using substitution OR elimination.

3.)  $-x + 4y = -20$

$3x - 12y = 48$

3.) \_\_\_\_\_

In #3 – #6, solve the linear system using substitution OR elimination.

4.)  $2x + y = 4$

$$-4x - 2y = -8$$

4.) \_\_\_\_\_

5.)  $-4x + y = -8$

$$2x - 2y = -14$$

5.) \_\_\_\_\_

6.)  $-6x + 2y = -2$

$$-4x - y = 8$$

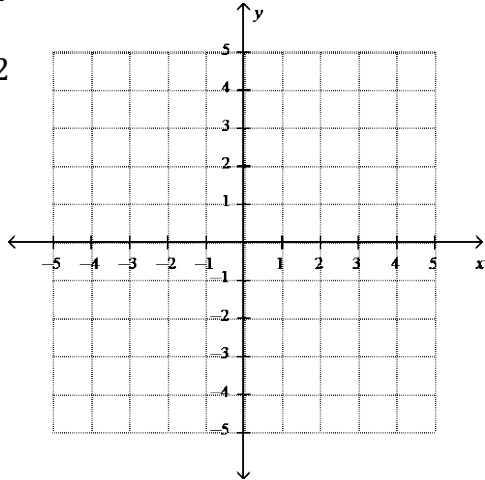
6.) \_\_\_\_\_

In #7 – #9, graph the system of linear inequalities (Make sure to darken your solution!).

7.)  $y < 2x - 1$

$y > -x + 2$

Test:

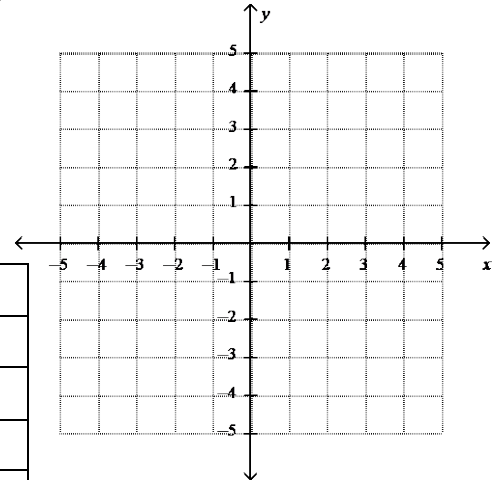



8.)  $x < -2$

$y \geq -2$

$y < 4$

Test:

9.)  $y > -2$

$y \leq 4 - 2x$

Test: