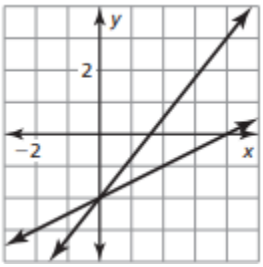
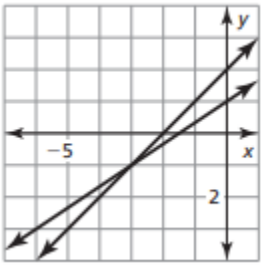
Math 1 Review Sec 5.1 - 5.4 Show work on a separate paper

1. Use the graph to find the solution to the system of equations.





2. Graph to solve the system of equations
Attach your graphs to the back of this page.

a) $x + y = 3$
$2x - y = 6$

b) $y = -\frac{3}{2}x - 3$
$y = \frac{1}{2}x + 5$

3. Tell whether the given point is a solution to the system of equations.

$(3, 4)$; $x + y = 7$
$x - 2y = -5$

4. Solve the system of equations using substitution

a) $6x - 9 = y$
$y = -3x$

b) $5y = 10$
$x - 3y = 4$

5. Solve the system of equations by adding opposites.

a) $9x + y = 2$
$-4x - y = -17$

b) $-3x - 5y = -7$
$-4x + 5y = 14$

c) $3x - 30 = y$
$7y - 6 = 3x$

d) $10x - 9y = 46$
$-2x + 3y = 10$

6. Draw two lines that have:

a) One solution b) no solution c) infinitely many solutions

7. Determine the number of solutions to the systems of equations using any method.

a) $-2x + 2y = -8$
$x - y = 4$

b) $x + y = 0$
$3x + 3y = 6$