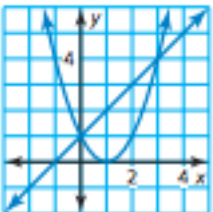
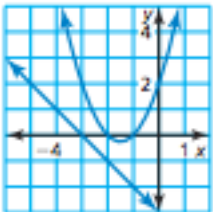
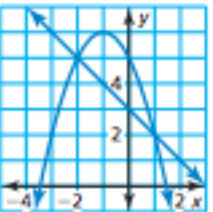
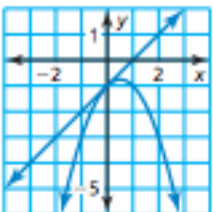


Algebra 1
Section 9.6

Name _____

Using the graph, determine the solution(s) of the system of equations.

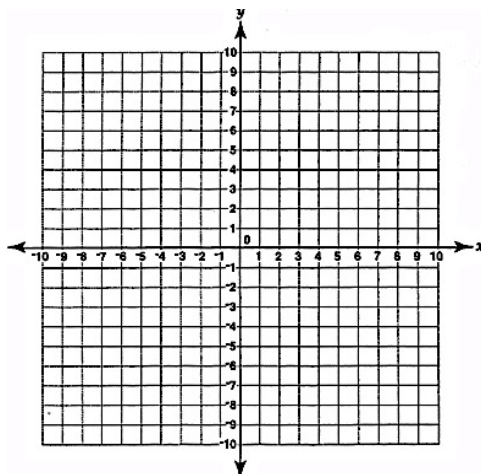
<p>1.</p> 	<p>2.</p> 
<p>3.</p> 	<p>4.</p> 

Use substitution to determine the solution(s) to the system of equations.

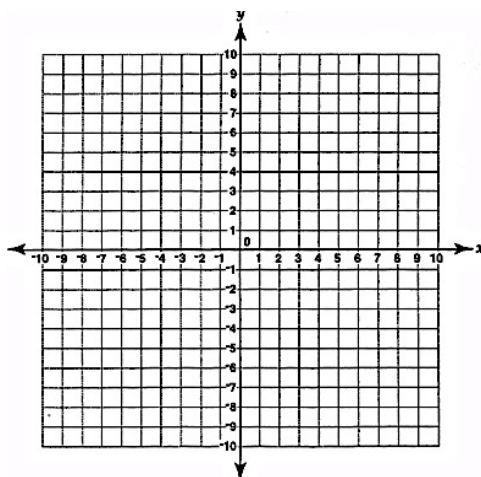
<p>5.</p> $y = x - 5$ $y = x^2 + 4x - 5$	<p>6.</p> $y = -3x^2$ $y = 6x + 3$
<p>7.</p> $y = 2x + 4$ $y = -x^2 + 7$	<p>8.</p> $y = -5x + 9$ $y = x^2 - 5x - 7$

Graph the systems of equations and state your solutions(s).

9. $y = x - 1$
 $y = x^2 - 3$



10. $y = 6$
 $y = x^2 + 5$



11. Describe and correct the error in solving the system of equations by graphing.

X

$y = x^2 - 3x + 4$
 $y = 2x + 4$

The only solution of the system is $(0, 4)$.

Algebra 1
Section 9.6

Name _____ KEY _____

Using the graph, determine the solution(s) of the system of equations.

1. (0, 1) and (3, 4)	2. No solution
3. (-2, 5) and (1, 2)	4. (0, -1)

Use substitution to determine the solution(s) to the system of equations.

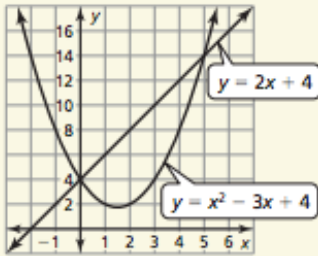
5. (0, -5) and (-3, -8)	6. (-1, -3)
7. (-3, -2) and (1, 6)	8. (4, -11) and (-4, 29)

Graph the systems of equations and state your solution(s).

9. (-1, -2) and (2, 1)	10. (-1, 6) and (1, 6)
------------------------	------------------------

11.

The graph does not show both solutions.



The solutions are (0, 4) and (5, 14).