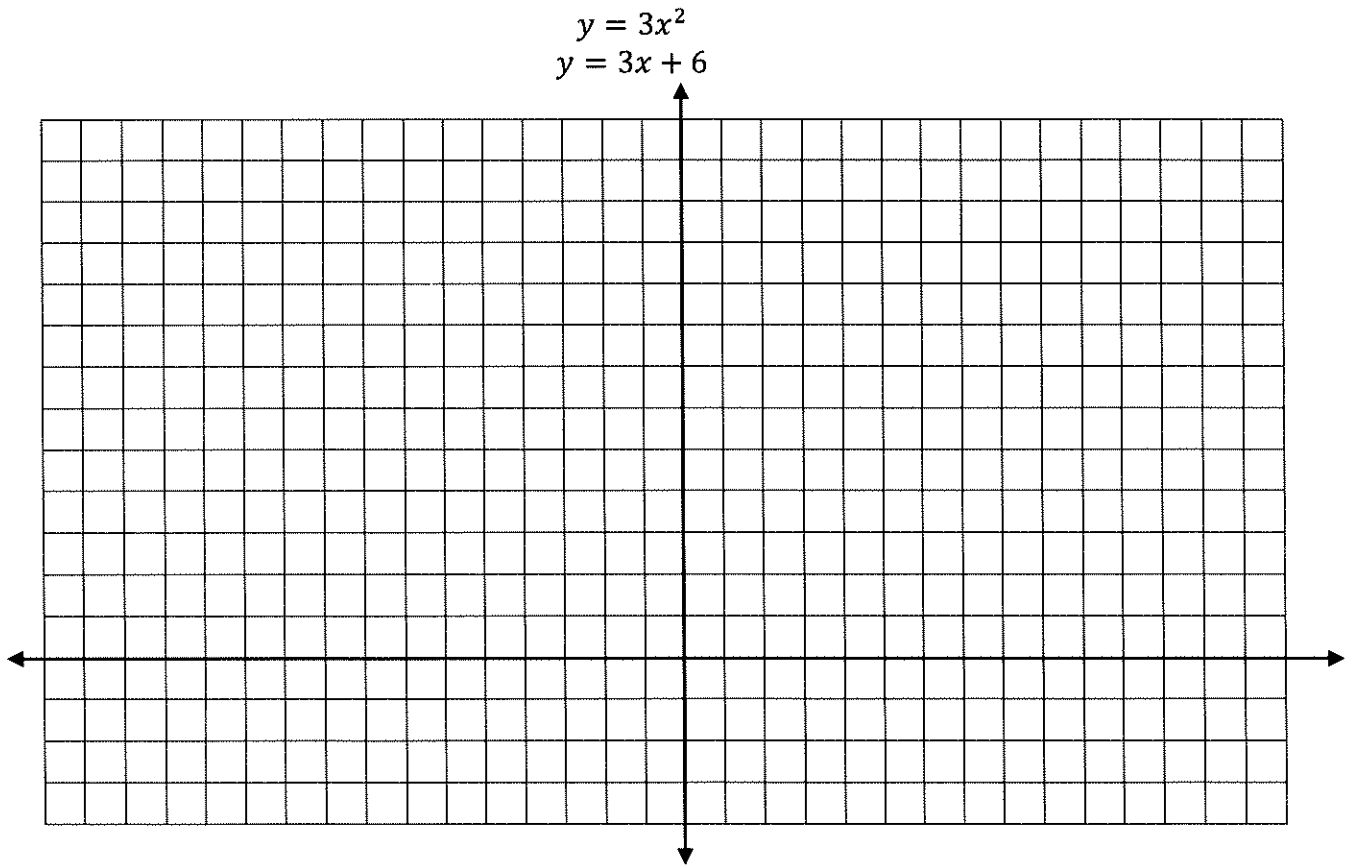


Quadratic-Linear Systems of Equations Solving by Graphing

Solve the given system by graphing. Clearly state the solution(s) if it exists.

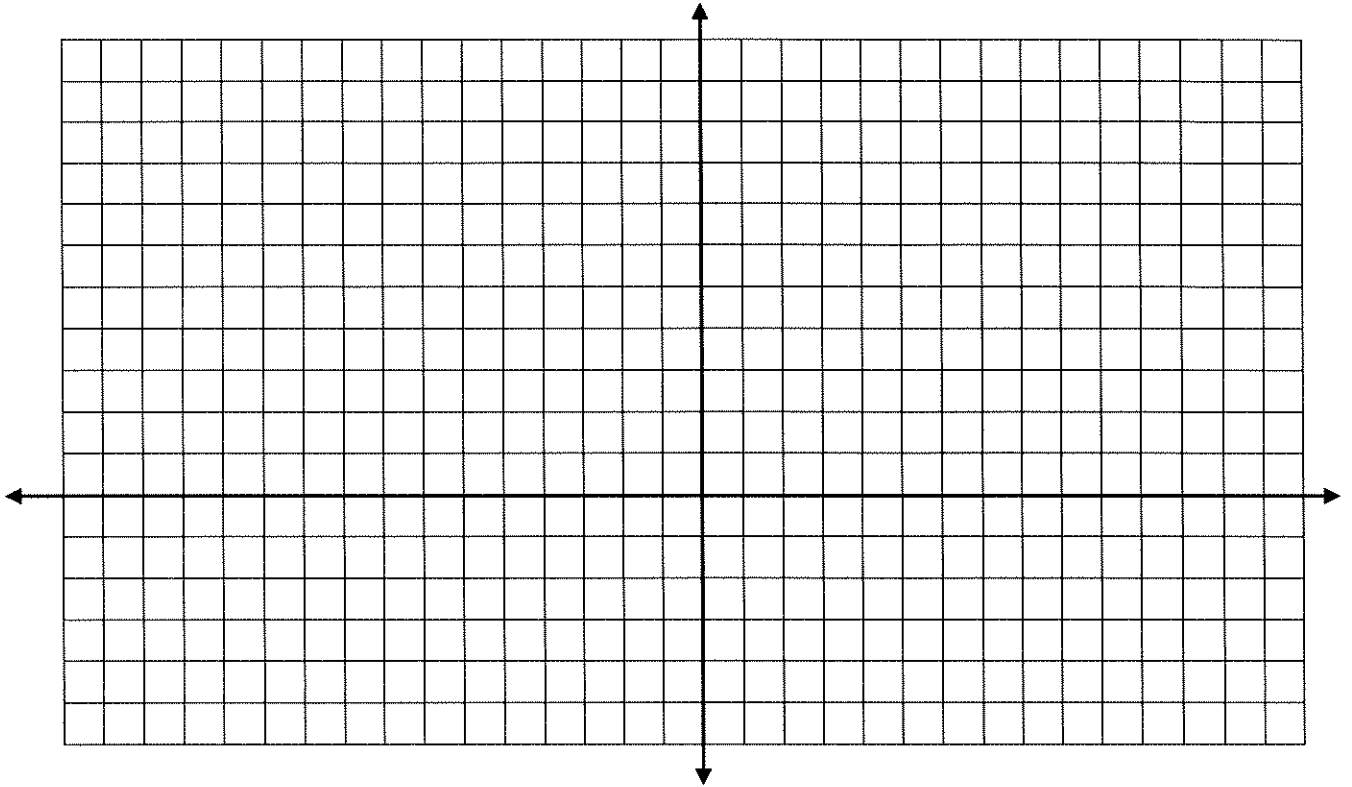
1.



∴ The solution(s) is (are) _____

2.

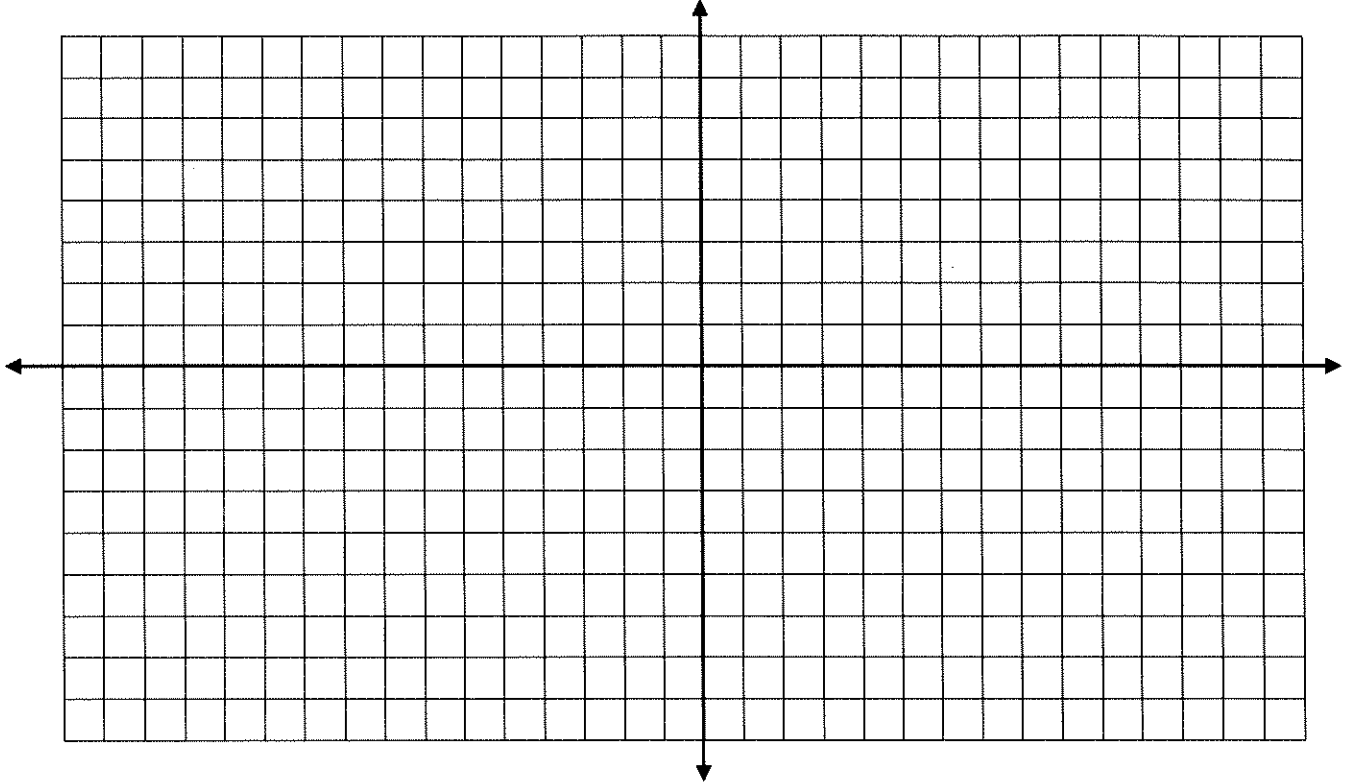
$$y = -x^2 + 2x + 7$$
$$y = -6x + 23$$



∴ The solution(s) is (are) _____

3.

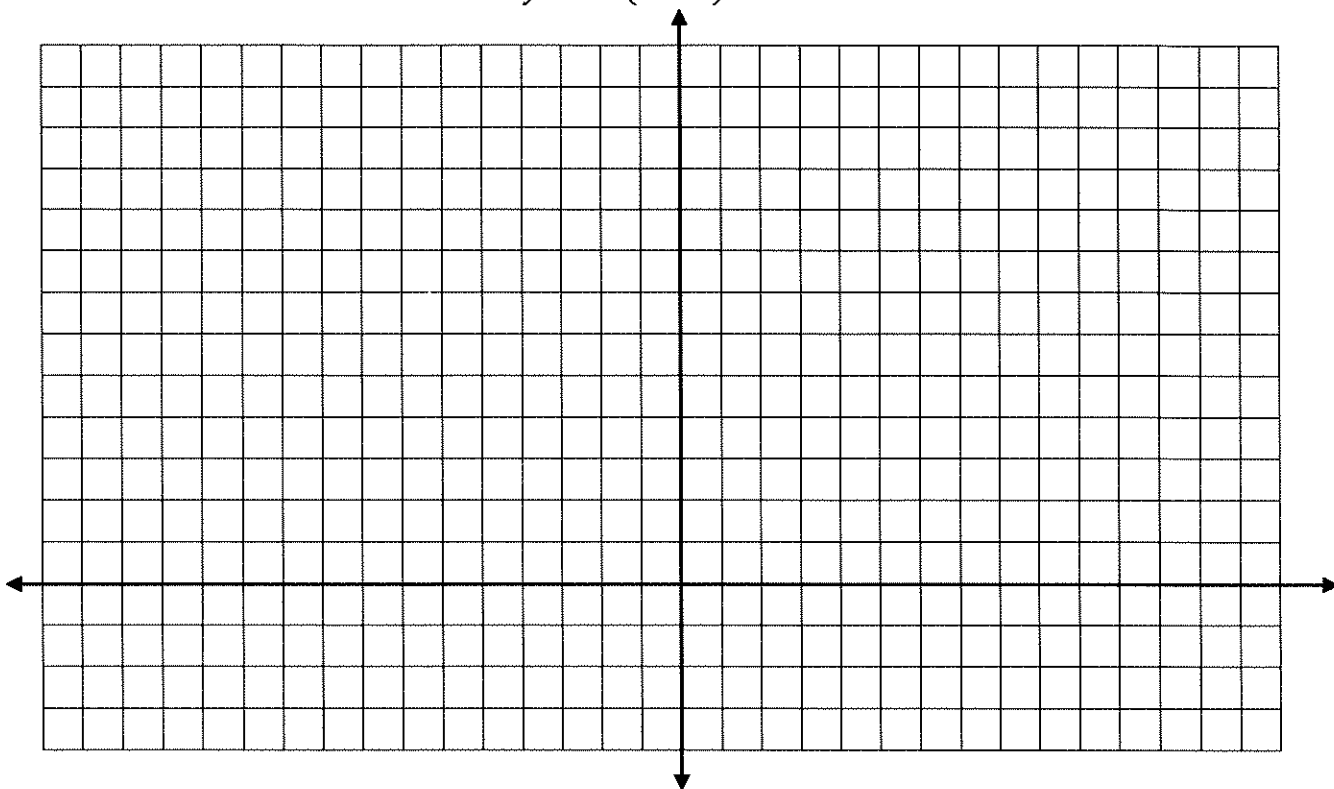
$$y = (x + 1)^2 - 6$$
$$y = -2$$



∴ The solution(s) is (are) _____

4.

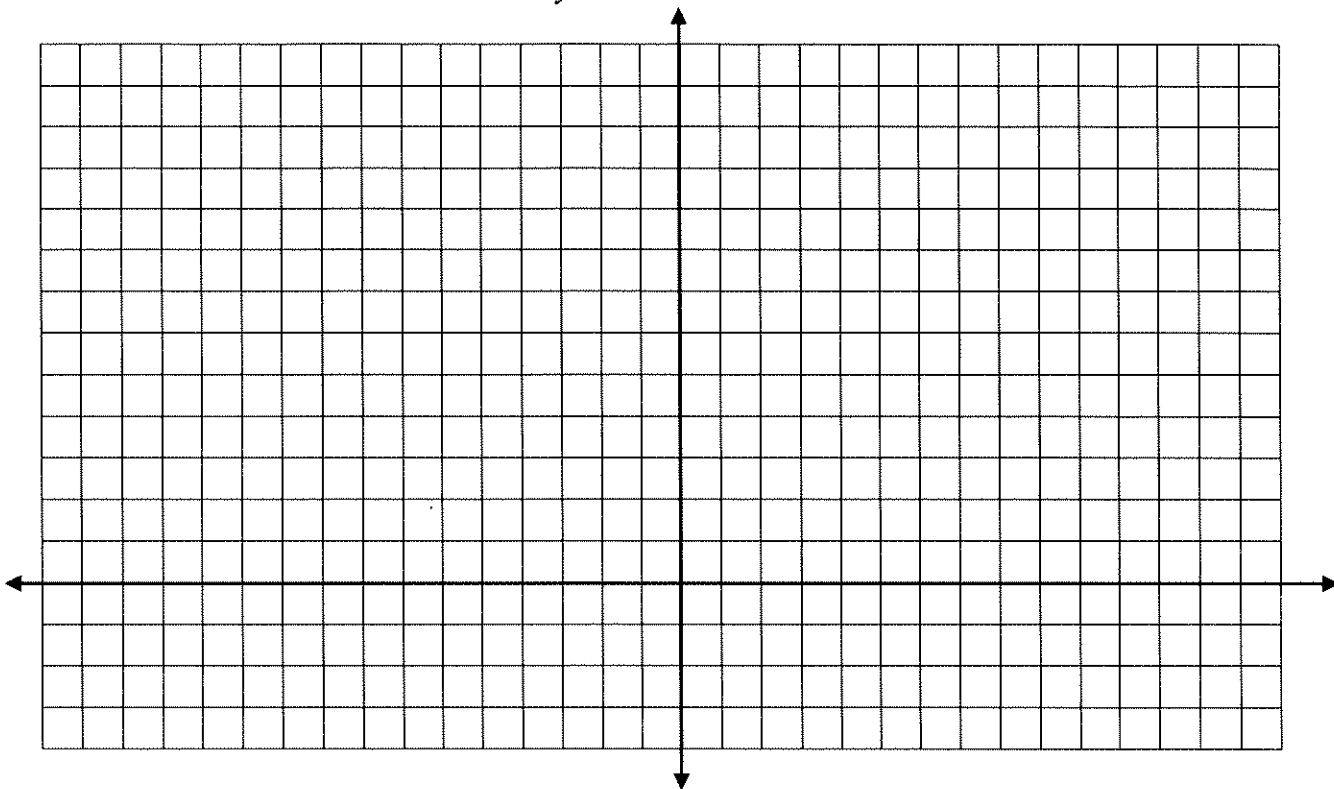
$$y + 3 = -(x + 5)$$
$$y = -2(x + 5)^2$$



∴ The solution(s) is (are) _____

5.

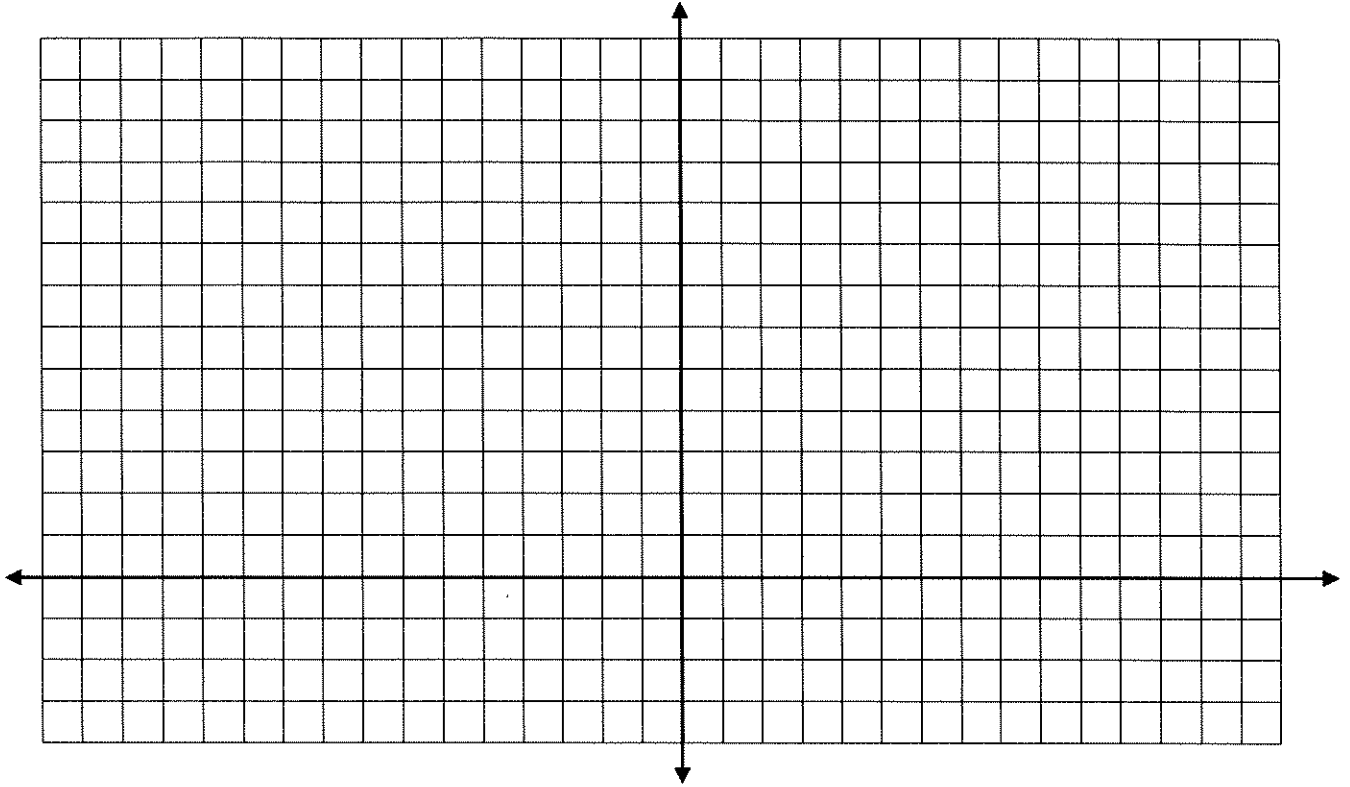
$$y = -x^2 + 3$$
$$y = 2x + 7$$



∴ The solution(s) is (are) _____

6.

$$x - y + 1 = 0$$
$$y = 0.5(x - 3)^2 + 4$$



∴ The solution(s) is (are) _____