8.12B Solving Systems of Equations Algebraically

Name: _____   **Date:** _____   **Period:**_____

Directions: Solve each system of equations **algebraically** and check your solution.

1. $x + y = 5$ and $y = x^2 + 3$

2. $y = x^2 + 6x - 7$ and $y = 2x - 7$

3. $y = x^2$ and $y = -2x + 8$

8.12B Solving Systems of Equations Algebraically

4. $y = x^2 - 4x - 5$ and $y = 3x - 11$

5. $y = -x^2 - 4x + 1$ and $y = 2x + 10$