

## Solving Systems of Equations by Graphing Calculator

Solve the system of equations by using the INTERSECT feature of your graphing calculator.

1. 
$$\begin{cases} y = x - 1 \\ y = x^2 - 3x + 2 \end{cases}$$

2. 
$$\begin{cases} y = -2x + 3 \\ y = x^2 - 4x \end{cases}$$

3. 
$$\begin{cases} y = 2x^2 + 4x - 3 \\ y = -2x^2 - 3x + 7 \end{cases}$$

4. 
$$\begin{cases} y = 6x + 15 \\ y = 4x^2 - 7x + 2 \end{cases}$$

5. 
$$\begin{cases} y = 4x - 7 \\ y = -2x^2 - 4x + 1 \end{cases}$$

6. 
$$\begin{cases} y = 3x^2 + 5x - 2 \\ y = -3x^2 + 5x - 2 \end{cases}$$

7. 
$$\begin{cases} y = \sqrt{x+4} \\ y = x^2 - 9x - 12 \end{cases}$$

8. 
$$\begin{cases} y = x^2 - 2x - 6 \\ y = x^3 - 4x^2 + 2 \end{cases}$$