

Math 3 Advanced

Solve a nonlinear system of equations.

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

2.  $y - 2x - 3 = 0$   
 $x^2 - y = 0$

3.  $x - y = 4$   
 $3x^2 - x + y = 8$

4.  $y = x^2 + 1$   
 $x + y = 3$

5.  $y = x^2 - 12$   
 $y = 2x + 3$

6.  $y = 4x^2 - 8$   
 $y = 3x + 14$

7.  $y = x^2 - 3x - 10$   
 $y = 4x - 11$

8.  $y = 2x + 5$   
 $y = 3x^2 - 4$