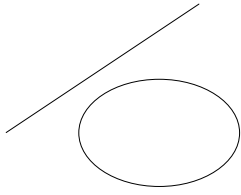
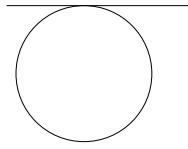


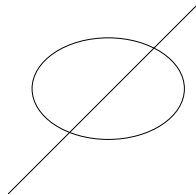
Solving Nonlinear Systems of Equations



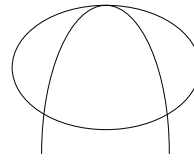
No Solution



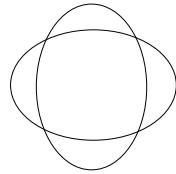
One Solution



Two Solutions



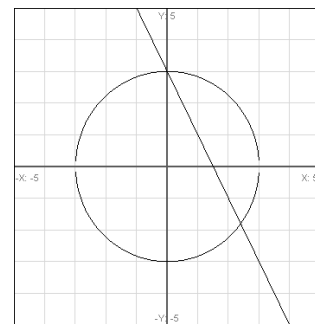
Three Solutions



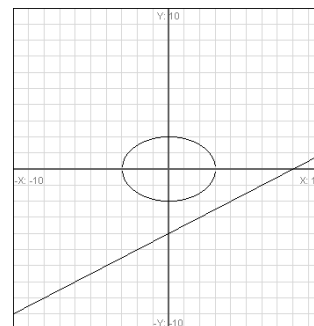
Four Solutions

Directions: Solve the system of equations.

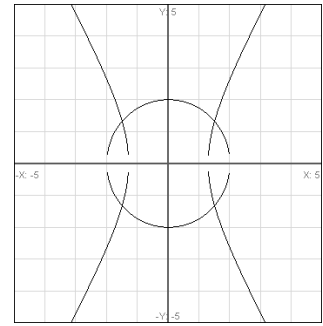
1. $x^2 + y^2 = 9$
 $2x + y = 3$



2. $4x^2 + 9y^2 = 36$
 $x - 2y = 8$

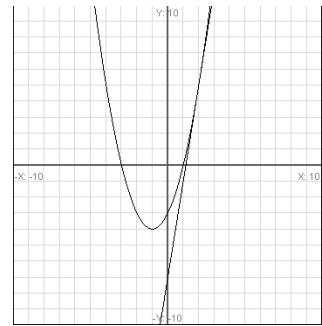


3. $x^2 + y^2 = 4$
 $3x^2 - y^2 = 5$



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

$6x - y = 7$



5. $x - 2y = 1$
 $y = \sqrt{2x - 1}$

