

Solving a System of Conic Equations

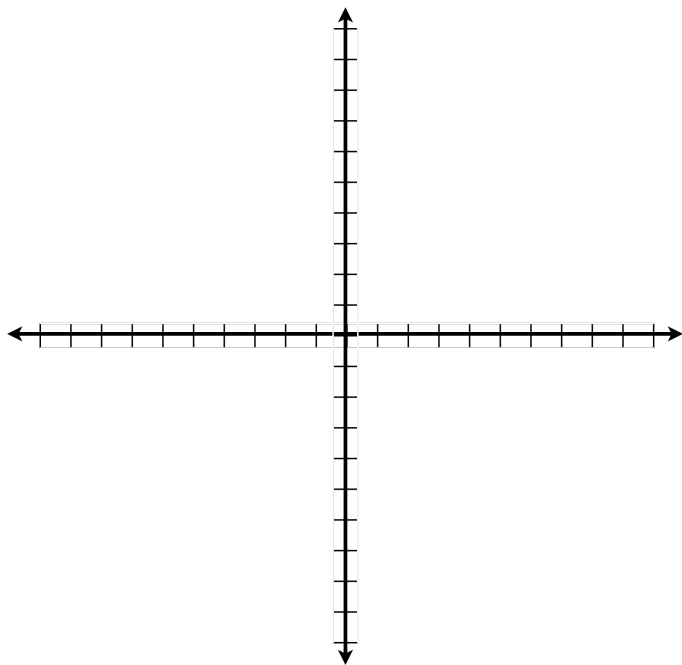
Name _____

Date _____ Period _____

Solve the nonlinear system of equations:

$$x^2 - y = 4$$

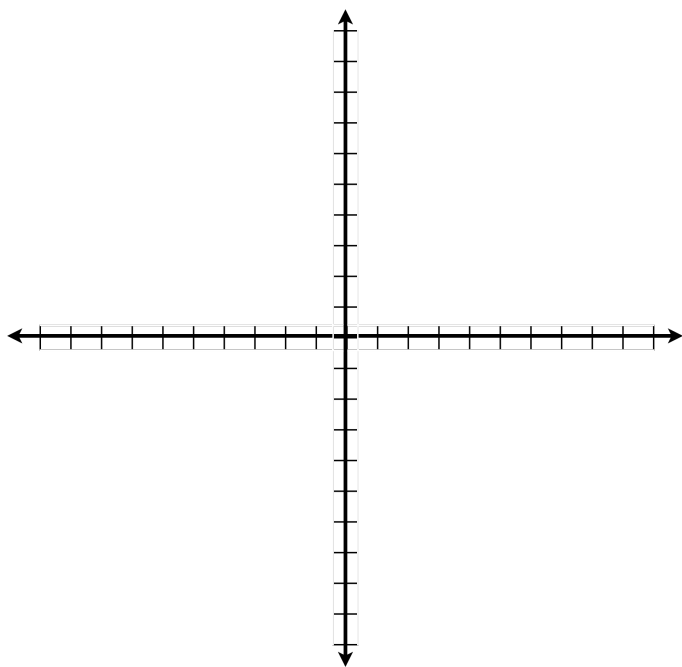
$$2x - y = 1$$



Solve the nonlinear system of equations:

$$x^2 + y^2 = 25$$

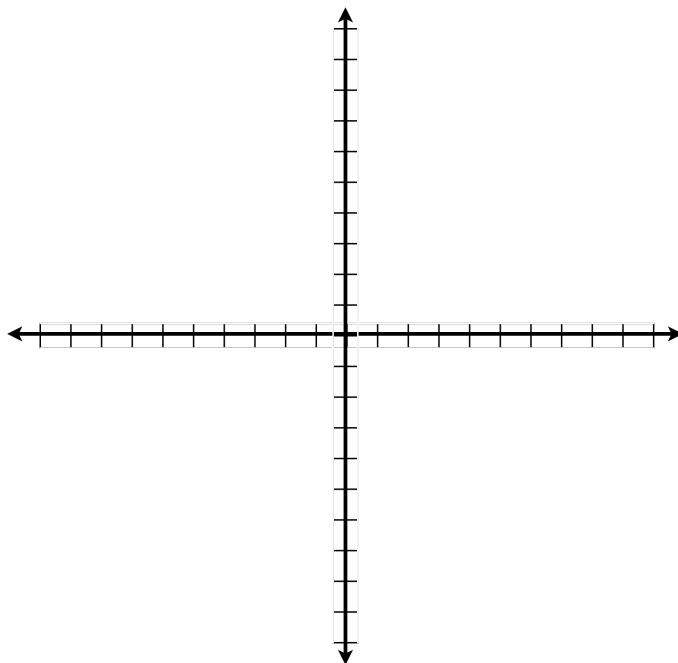
$$x^2 - y = 5$$



Solve the nonlinear system of equations:

$$16x^2 - 9y^2 = 144$$

$$16x^2 + y^2 = 16$$



Solve the nonlinear system of equations:

$$x^2 + y^2 = 49$$

$$x^2 + 9y^2 = 81$$

