

Solving Systems of Equations by graphing

Name
Pd

Short Answer.

1. If a system of two equations has no solution, then the lines are:
2. If a system of two equations has one solution, then the lines are:
3. If a system of two equations has infinitely many solutions, then the lines are:

Graph each system of equations. Then determine whether the system has one solution, no solution, or infinitely many solutions. If the system has one solution, name it. Check your answers on a graphing calculator.

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

5. $3x - y = -4$
 $3x - y = 0$

6. $y = 2x - 3$
 $4x = 2y + 6$