

Classwork 11.1 Solving a System Algebraically

Solve the following systems by algebraically.

If the graphs have no solution or infinite solutions, say so.

(Use the best method given the problem)

1. $y = x - 4$
 $2x - 5y = -10$

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

3. $x = 3y + 2$
 $x = 7y - 6$

4. $y = 11x + 1$
 $-5x + y = -5$

5. $-3x + y = 3$
 $4x - 2y = -6$

6. $3x + 5y = -1$
 $2x + 3y = 2$