

Solving Systems by Graphing

Algorithm

1. Choose most appropriate way to graph each equation; Slope-Intercept or General Form
2. Graph each equation
3. Identify the point of intersection

Find the solution set graphically

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

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

3. $y = 2x + 7$
 $y = -x + 1$

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

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

6. $x + 6y = -1$
 $y = x - 6$

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

8. $2x + y = 7$
 $y = -x - 1$

9. $x + y = 8$
 $-2x + y = 2$

10. $2x + y = 1$
 $3x + y = 5$