

SOLVING LINEAR SYSTEMS USING ALGEBRA- COMPARISON METHOD

Solve each system using the comparison method. Write the solution as an ORDERED PAIR (x,y).

1.  $y = x + 1$   
 $y = 4 - 2x$

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

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

4.  $y = 0.5x$   
 $y = 9 - x$

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

6.  $y = 3 - 1.5x$   
 $y = -3$

7.  $2x + y = 10$   
 $y + 3x = 30$

8.  $x - y = 50$   
 $x + y = 110$

9.  $x + y = 5$   
 $y + 3x = 6$

10.  $y = 5 - 2x$   
 $y = 0.5x$

11.  $y = 2x - 70$   
 $y = 5 - x$

12.  $y = -x + 8$   
 $y = x$