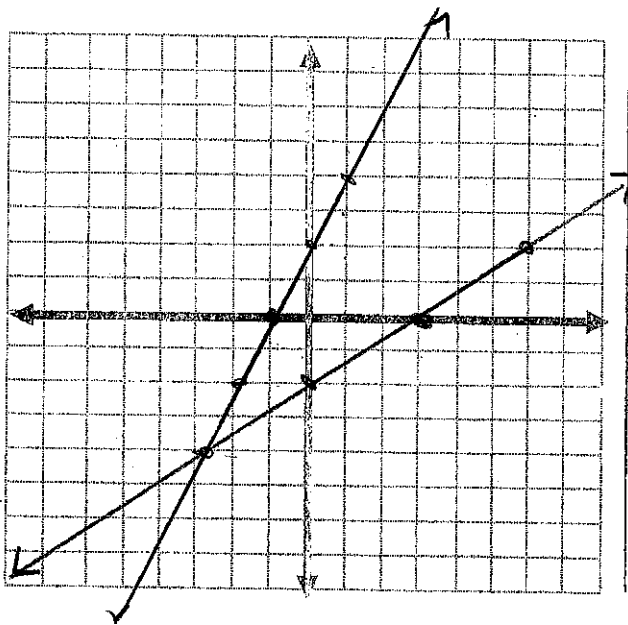


Equation 1  
 $y = 2$

Equation 2  
 $x = -3$

Solution:  $(-3, 2)$



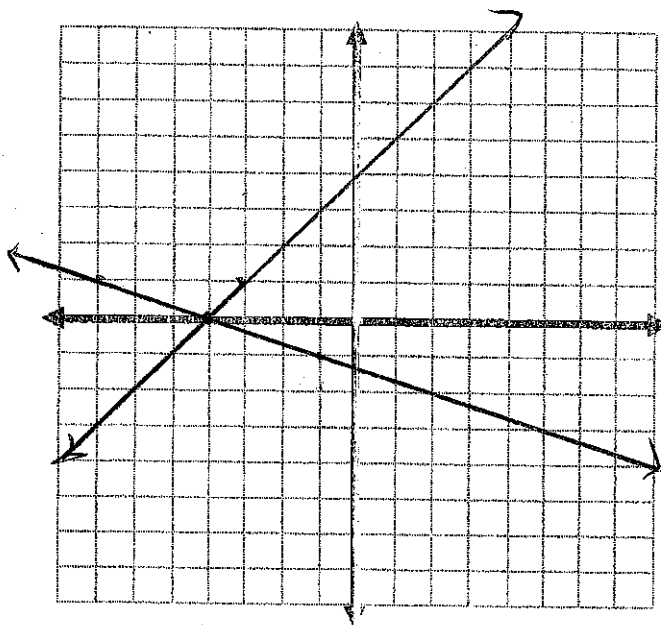
Equation 1  
 $2y + 3x = -6$

$2y = -3x - 6$   
 $y = -\frac{3}{2}x - 3$

Equation 2  
 $2y + x = 2$

$2y = -x + 2$   
 $y = -\frac{1}{2}x + 1$

Solution:  $(-1, 3)$



Equation 1  
 $y = 3x + 4$

Equation 2  
 $y = -x + 4$

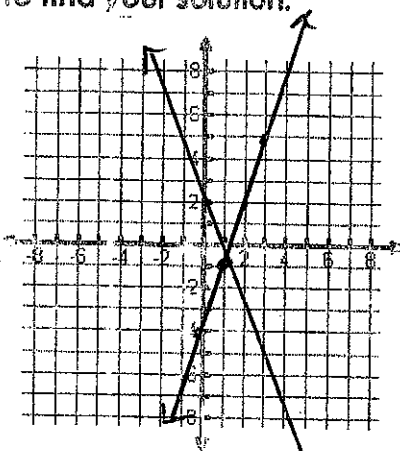
Solution:  $(0, 4)$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

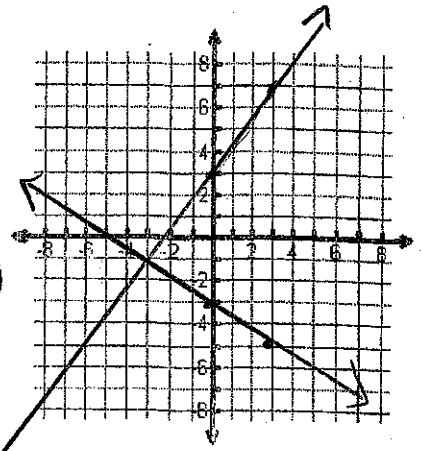
### Systems of Linear Equations

Graph the system to find your solution.

1.  $y = 3x - 4$   
 $y = -3x + 2$   
 (1, -1)

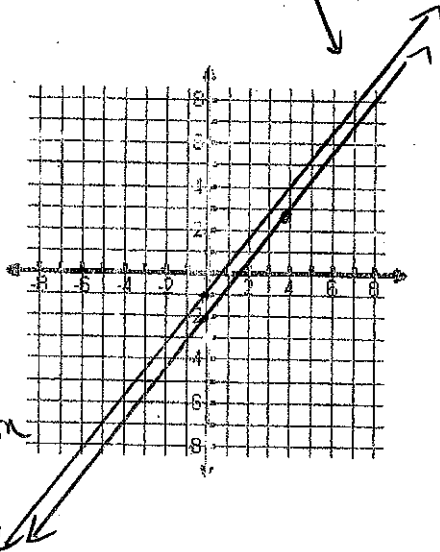


2.  $y = \frac{4}{3}x + 3$   
 $y = -\frac{2}{3}x - 3$   
 (-3, -1)

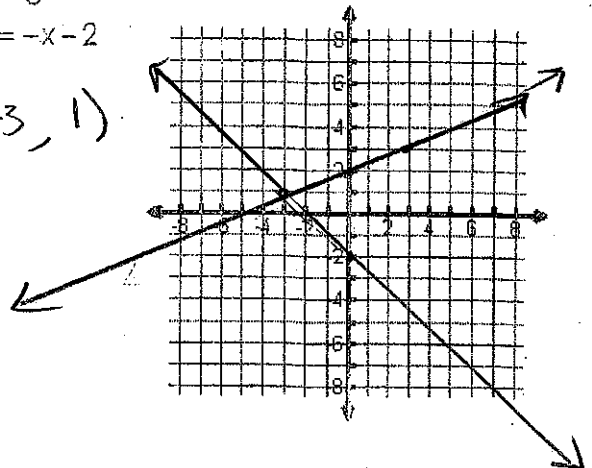


3.  $y = \frac{5}{4}x - 2$   
 $y = \frac{5}{4}x - 1$

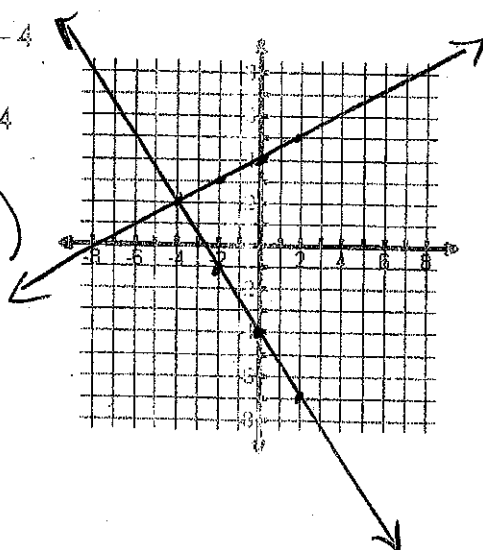
Parallel lines  
 no solution



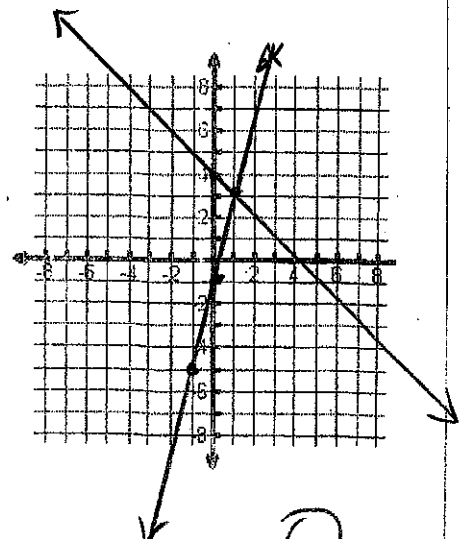
4.  $y = \frac{1}{3}x + 2$   
 $y = -x - 2$   
 (-3, 1)



5.  $y = -\frac{3}{2}x - 4$   
 $y = \frac{1}{2}x + 4$   
 (-4, 2)

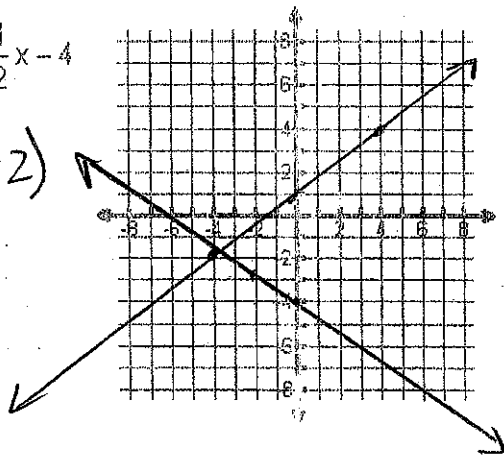


6.  $y = 4x - 1$   
 $y = -x + 4$   
 (1, 3)



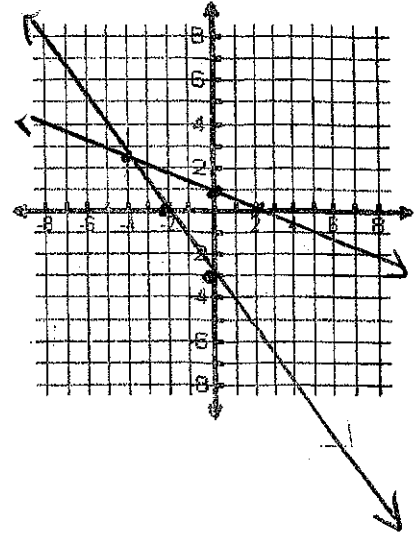
7.  $y = \frac{3}{4}x + 1$   
 $y = -\frac{1}{2}x - 4$

$(-4, -2)$



8.  $2y + 3x = -6$   
 $-2y + x = 2$

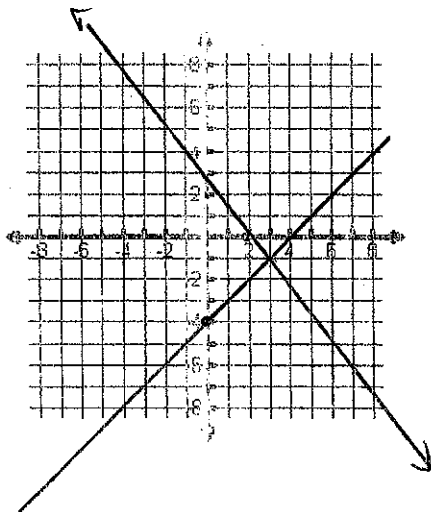
$(-4, 3)$



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

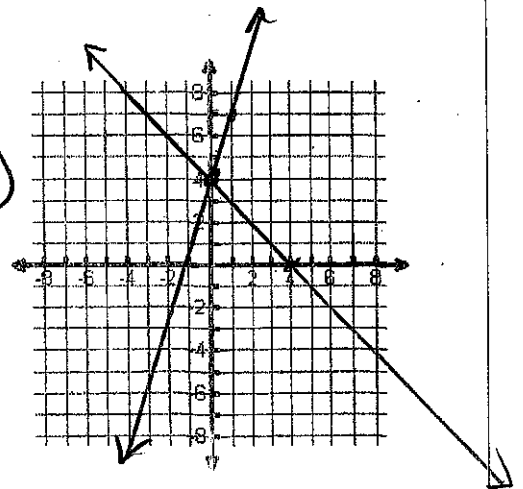
$y = x - 4$   
 $y = -x + 2$

$(3, -1)$



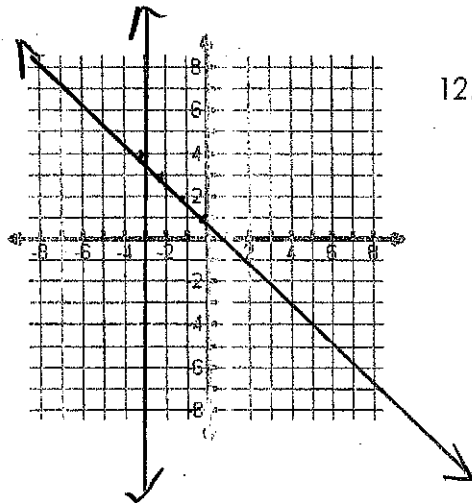
10.  $y - 3x = 4$   
 $x + y = 4$

$(0, 4)$



11.  $y = -x + 1$   
 $x = -3$

$(-3, 4)$



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

$(2, -4)$

