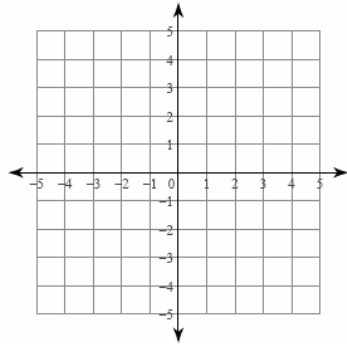


## Algebra 1 Worksheet 16A

Solve each system by graphing.

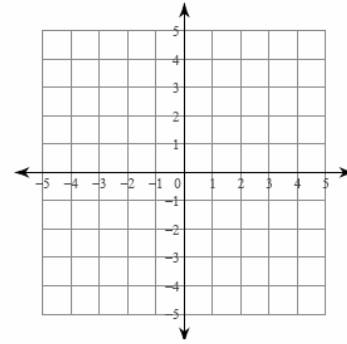
$$1) y = \frac{1}{3}x - 3$$

$$y = -\frac{1}{3}x - 1$$



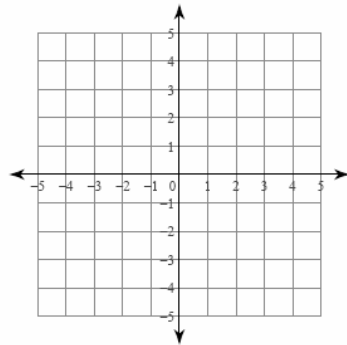
$$2) y = -x - 2$$

$$y = 1$$



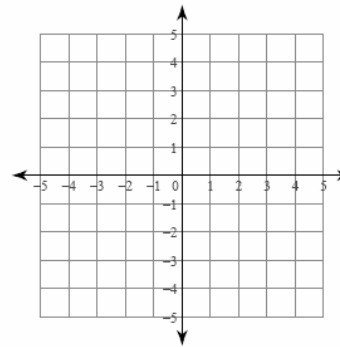
$$3) y = x - 3$$

$$y = 7x + 3$$



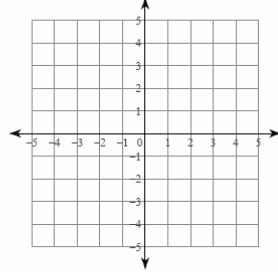
$$4) y = \frac{3}{2}x - 4$$

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

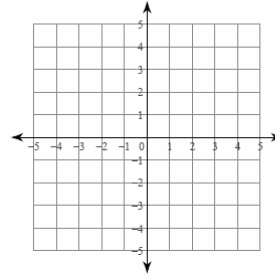


5)  $y = 1 - \frac{1}{4}x$

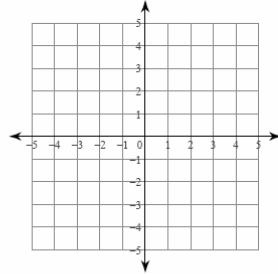
$24 + 8y = -10x$



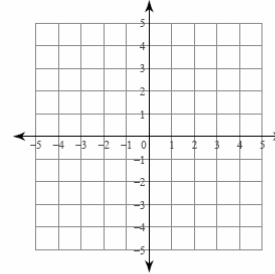
6)  $3x - 6 = -3y$   
 $-3 = 3y - 6x$



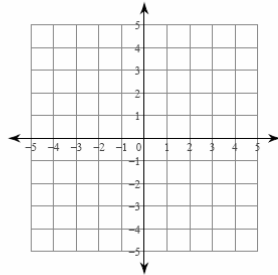
7)  $y - 2 = 6x$   
 $y + 3 = x$



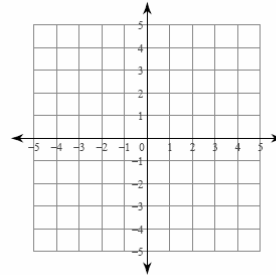
8)  $-16 + 4y = -x$   
 $-12 + 6x = 4y$



9)  $5x - 2y = -4$   
 $x + 2y = -8$



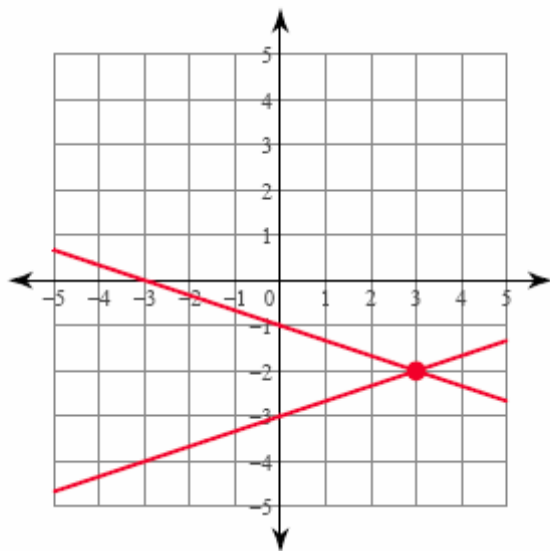
10)  $x + y = 2$   
 $4x - y = 3$



# Algebra 1 Worksheet 16A Answers

$$1) y = \frac{1}{3}x - 3$$

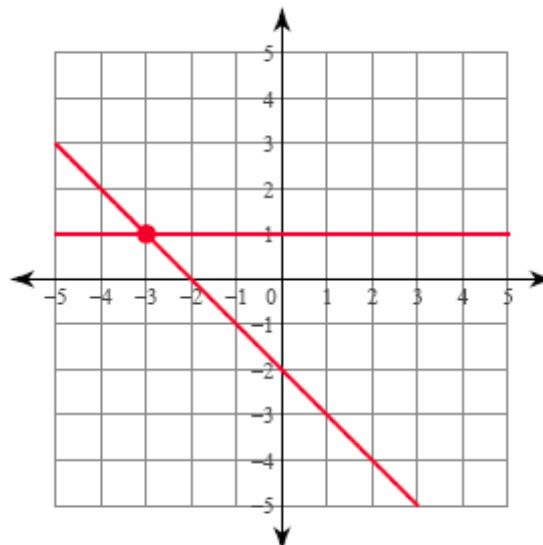
$$y = -\frac{1}{3}x - 1$$



$(3, -2)$

$$2) y = -x - 2$$

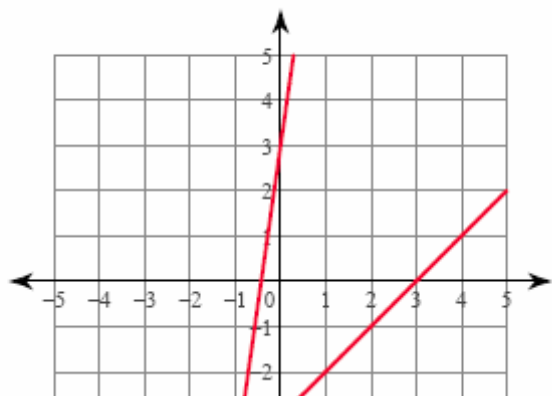
$$y = 1$$



$(-3, 1)$

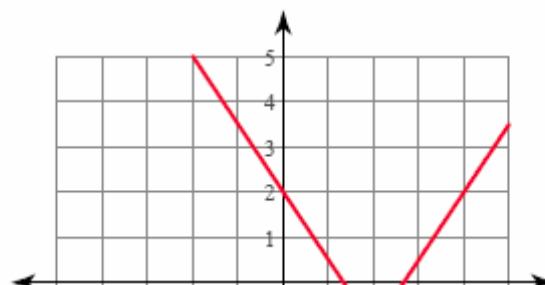
$$3) y = x - 3$$

$$y = 7x + 3$$



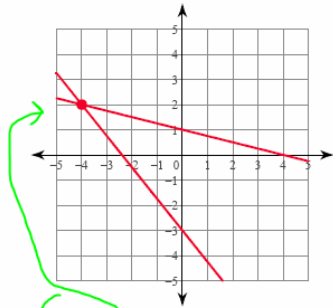
$$4) y = \frac{3}{2}x - 4$$

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



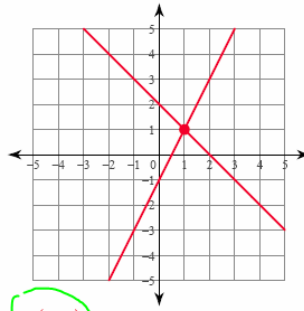
5)  $y = 1 - \frac{1}{4}x$

$24 + 8y = -10x$



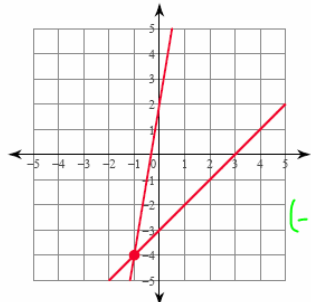
$(-4, 2)$

6)  $3x - 6 = -3y$   
 $-3 = 3y - 6x$



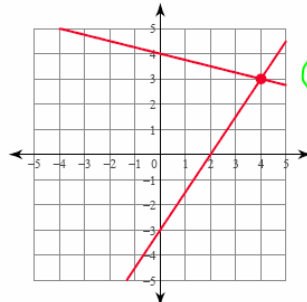
$(1, 1)$

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



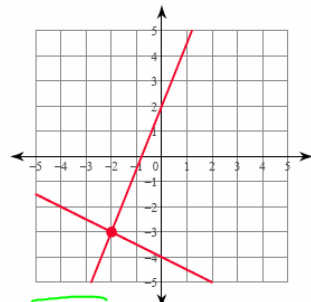
$(-1, -4)$

8)  $-16 + 4y = -x$   
 $-12 + 6x = 4y$



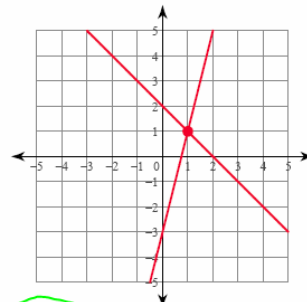
$(4, 3)$

9)  $5x - 2y = -4$   
 $x + 2y = -8$



$(-2, -3)$

10)  $x + y = 2$   
 $4x - y = 3$



$(1, 1)$