

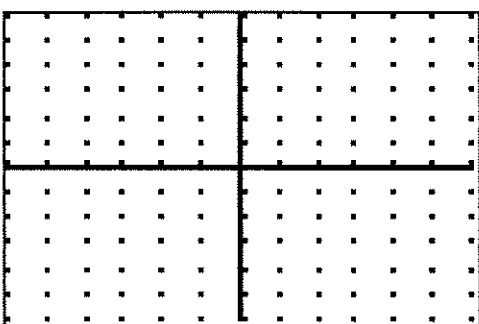
Algebra 2
Worksheet 3.1A

Solve each linear equation for y . Then graph the system to find the solution.

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

$y =$ _____

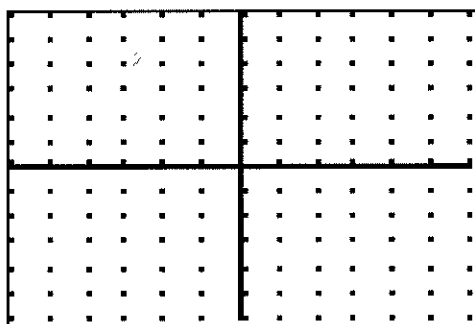
$y =$ _____



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

$y =$ _____

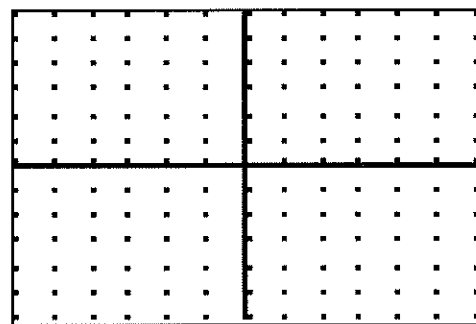
$y =$ _____



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

$y =$ _____

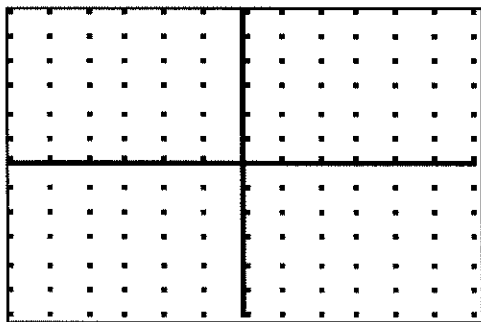
$y =$ _____



4. $\begin{cases} 3x - 2y = -3 \\ 3x - 2y = 1 \end{cases}$

$y =$ _____

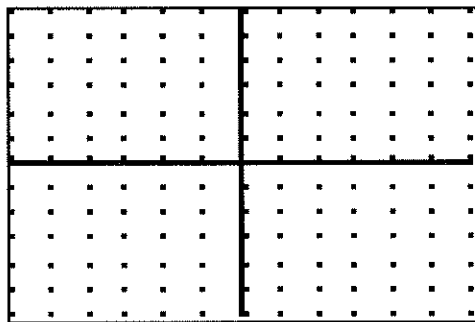
$y =$ _____



5. $\begin{cases} y = 2x + 1 \\ 4x - 2y = -2 \end{cases}$

$y =$ _____

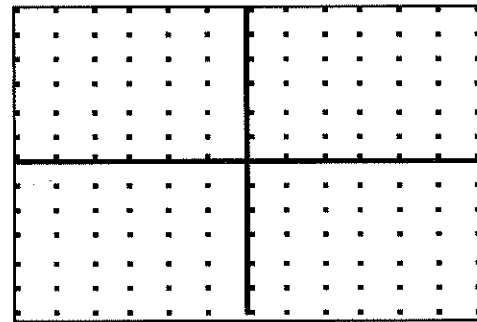
$y =$ _____



6. $\begin{cases} 3x - 2y = -4 \\ 3x = 2y - 4 \end{cases}$

$y =$ _____

$y =$ _____



Evaluate if $f(x) = 3x - 4$.

7. $f(2x - 5)$

8. $f(x + 3)$

9. $f(4x - 6)$

10. $f(3x)$