

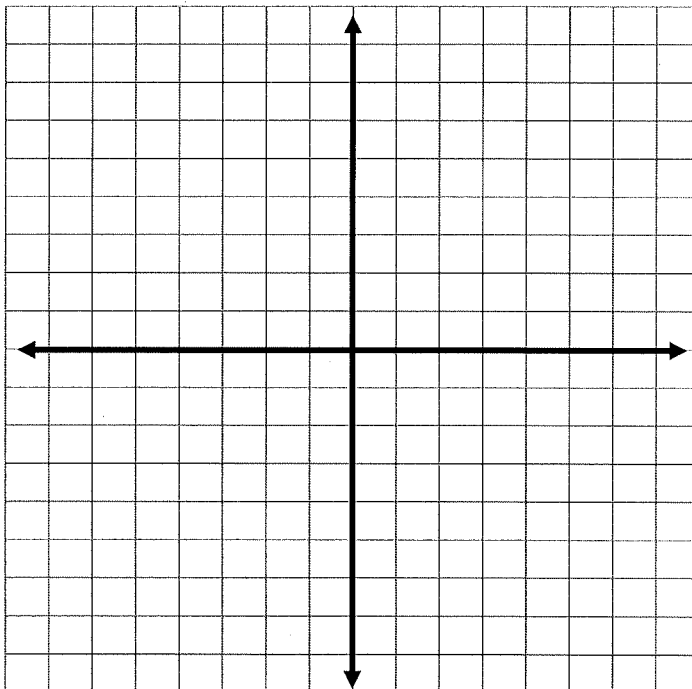
System: $-3x + 3y = -9$
 $x + 2y = 12$

Solve a system with substitution:

1. Get x or y alone in one equation.
2. Make a substitution for the isolated variable in the other equation. This should make an equation with one variable.
3. Solve the one variable equation.
4. Substitute the value for the solved variable into either equation and solve for the other variable.
5. Check the solution in both equations.
6. Write the solution as an ordered pair (x, y)

I can solve this system by substitution...

I can solve this system by graphing...



Quiz 3 WU CW 10

Write the slope-intercept form of the equation of each line.

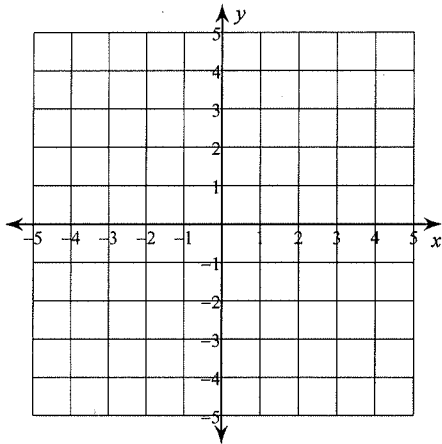
1) $x - y = -2$

2) $4x - 3y = -9$

Solve each system by graphing.

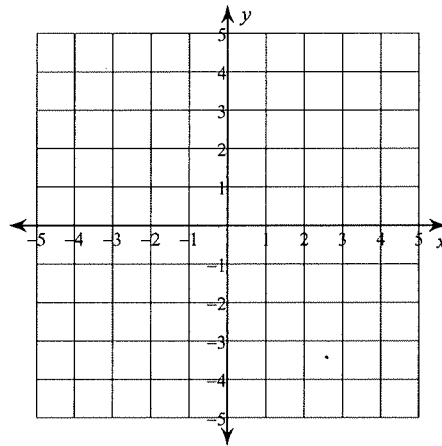
3) $y = \frac{1}{4}x - 2$

$x = 4$



4) $x + 2y = 6$

$4x + y = -4$



Solve each system by substitution.

5) $y = -3x - 6$

$-3x - 2y = 9$

6) $-x + 2y = -11$

$y = -3$