

Now put -2 in one of the original equations and solve for y.

3 (-2) + 2y = 4 *Substitute -2 for the x*

-6 + 2y = 4 *Multiply 3 x -2*

+6 +6 *Add 6 to both sides*

2y = 10 *Divide by 2*

2 2

y = 5

(-2, 5) is the solution.