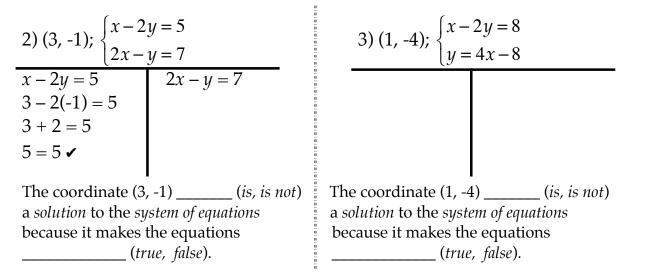
Graph and Verify

Миникани разво

Let's practice graphing some systems of equations and verifying their solutions.

1) A *solution* to a *system of linear equations* is a set of values that makes each equation ______ (*true, false*).

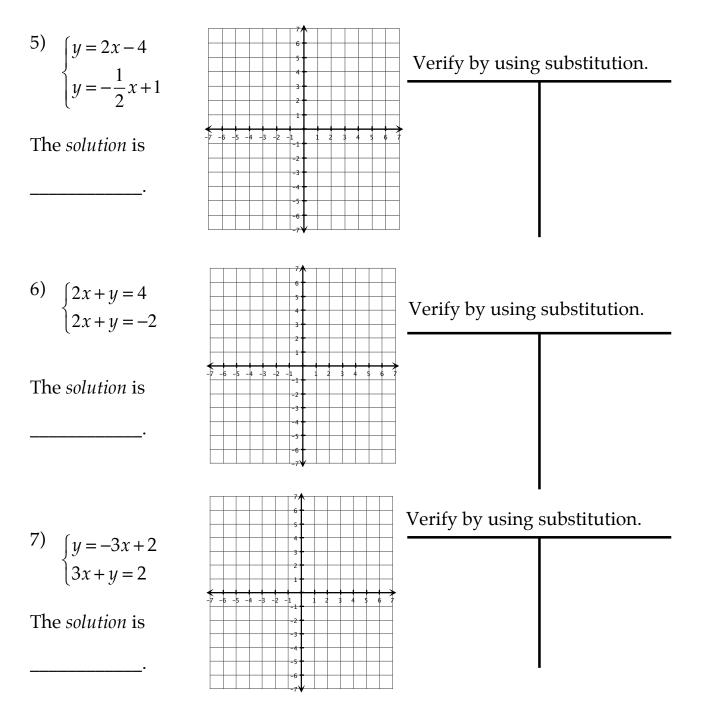
For problems two and three, determine whether the given coordinate *is* or *is not* a solution to the system of equations. Number two has been started for you. Remember, by definition, both equations have to be *true* when you substitute the given numbers for the variables.



For problems four through seven, graph each system of equations and then verify your solution by using substitution.

4) $\begin{cases} y = -2x + 6\\ y = 2x + 2 \end{cases}$		Verify by using substitution.
The <i>solution</i> is	-7 -6 -5 -4 -3 -2 -1 1 2 3 4 5 6	
	-2 -3 -3 -4 -5 -5 -6 -7	

Intervention Units: Systems of Equations A - 3.1



Conclusion: Go back and look at problems four through seven. Three different types of *solutions* resulted for a system of equations; we learned about two yesterday. Sketch of each of the possible solutions, as described.

