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Solving Linear Systems Algebraically

***Example****:* Solve the following linear system:

Step 1: Solve each equation for *y*.

Step 2: Set the equations equal to each other.

Step 3: Solve for *x*.

Step 4: Plug the solution that you found for *x* in for *x* in one of the original equations.

Step 5. Simplify to find *y*.

Step 6: Write the solution as an ordered pair.

SOLUTION: 

TURN OVER \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TURN OVER \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TURN OVER

Solve the following systems algebraically. Check by graphing.

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