## Solving a Systems of Equations BY GRAPHING



2 Graph all equations on the same coordinate grid.

B Look for the point of intersection.

$$\begin{cases} 4y - x = 16\\ y = \frac{3}{2}x - 1 \end{cases}$$





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## Solving a Systems of Equations BY SUBSTITUTION

Solve one equation for one variable. Choose an easy one!

2 Substitute the equation from 1 into another equation.

B solve for the remaining variable.

Use the new value from 3 to find the other variable's value.

**5** write as an ordered pair.

A

4

6

$$\begin{cases} x + 2y = 8\\ y = 2x - 1 \end{cases}$$

2

B

