## 「ーーーーース Solving a Systems of Equations BY GRAPHING

（1）Solve each equation for $y$ ．
（2）Graph all equations on the same coordinate grid．
（3）Look for the point of intersection．

$$
\left\{\begin{array}{l}
4 y-x=16 \\
y=\frac{3}{2} x-1
\end{array}\right.
$$

1
（2）

（3）


## Solving a Systems of Equations BY ELIMINATION

1 Line up like terms for all equations.
(2) Look for inverse coefficients (like 3x and-3x) that will eliminate one variable. If you can't find some, make some by multiplying.
(3) Eliminate one variable and solve for the other.
(4) Use the new value from 3 to find the other variable's value.
(5) write as an ordered pair.

$$
\left\{\begin{array}{l}
3 y+x=4 \\
y-2 x=6
\end{array}\right.
$$

(1)
(3)

4

5

