TSW solve systems of linear equations by finding the unique solution using the following strategy…
*Elimination Method
*Substitution Method
Graphical Method

8EE8a & 8EE8b

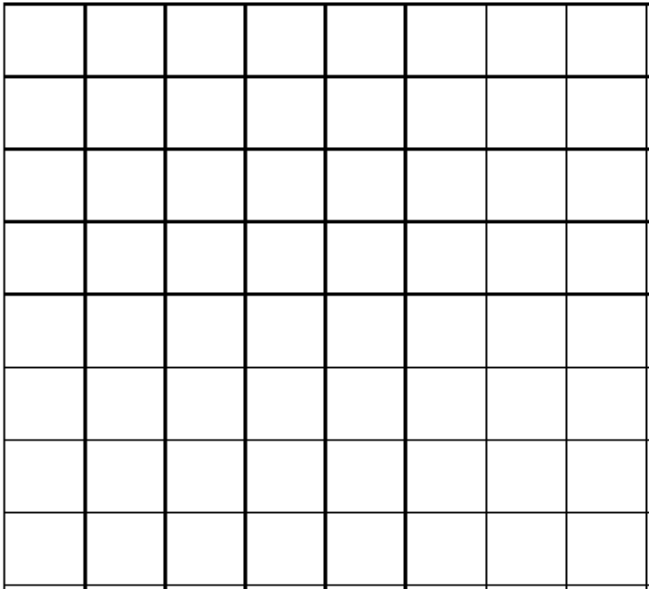## Solve Systems of Linear Equations Using the Graphical Method.

You can solve systems of linear equations using the graphical method.
Consider this system of linear equations.

$y - x = 3$ — Equation 1
$x + y = -1$ — Equation 2

First rewrite the Equation 1 in slope-intercept form as $y = x + 3$. Then graph of the linear equation $y - x = 3$ on a coordinate plane.

The graph has slope 1, and intersects the y-axis at (0, 3).

Next rewrite Equation 2 in slope-intercept form as $y = -x - 1$ and graph the linear equation $x + y = -1$ on the same coordinate plane.

5.4 Day 2 Solve Linear Equations Using Graphical Method