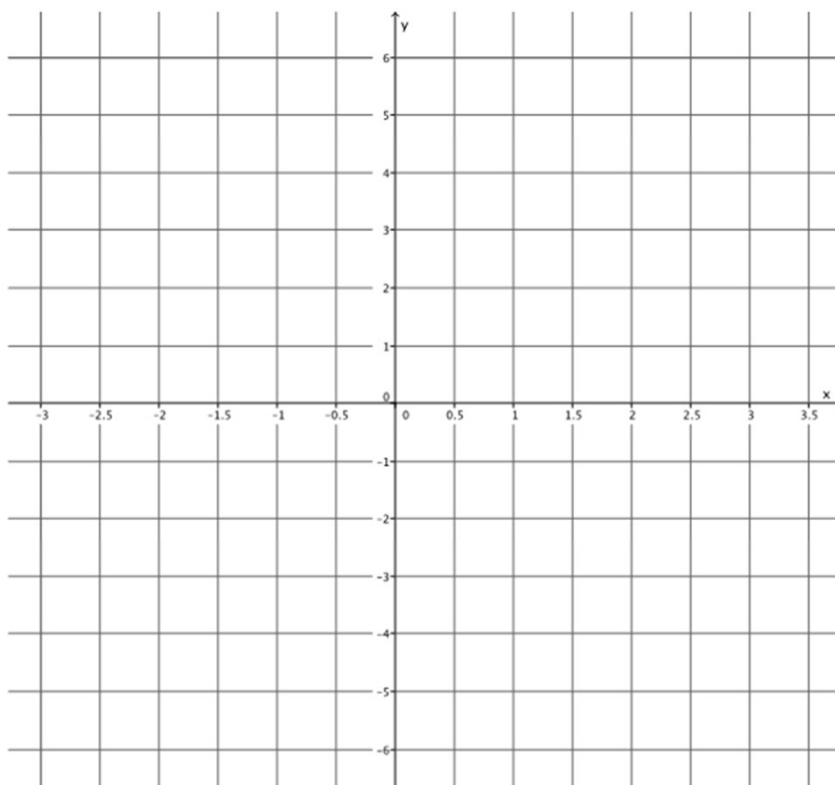


System of Equations (Graphical Method)

a) Sketch the graphs of the linear system on a coordinate plane: $\begin{cases} 2x - y = -1 \\ y = 5x - 5 \end{cases}$.

b) Name the ordered pair where the graphs of the two linear equations intersect.

c) Verify that the ordered pair named in part (a) is a solution to $2x - y = -1$.



d) Verify that the ordered pair named in part (a) is a solution to $y = 5x - 5$.

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(2, 5)

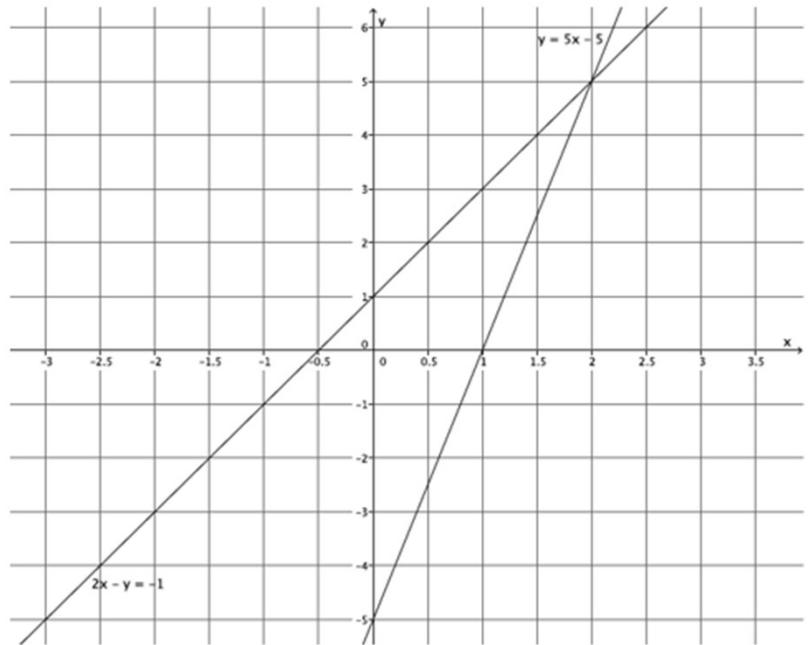
c) Verify that the ordered pair named in part (a) is a solution to $2x - y = -1$.

$$2(2) - 5 = -1$$

$$4 - 5 = -1$$

$$-1 = -1$$

The left and right sides of the equation are equal.



d) Verify that the ordered pair named in part (a) is a solution to $y = 5x - 5$.

$$5 = 5(2) - 5$$

$$5 = 10 - 5$$

$$5 = 5$$

The left and right sides of the equation are equal.