

Math Virtual Learning

Algebra 1 S1

April 30, 2020



Algebra 1 S1 Lesson: April 30, 2020

Objective/Learning Target:

Students will determine the number of solutions in a system of equations.



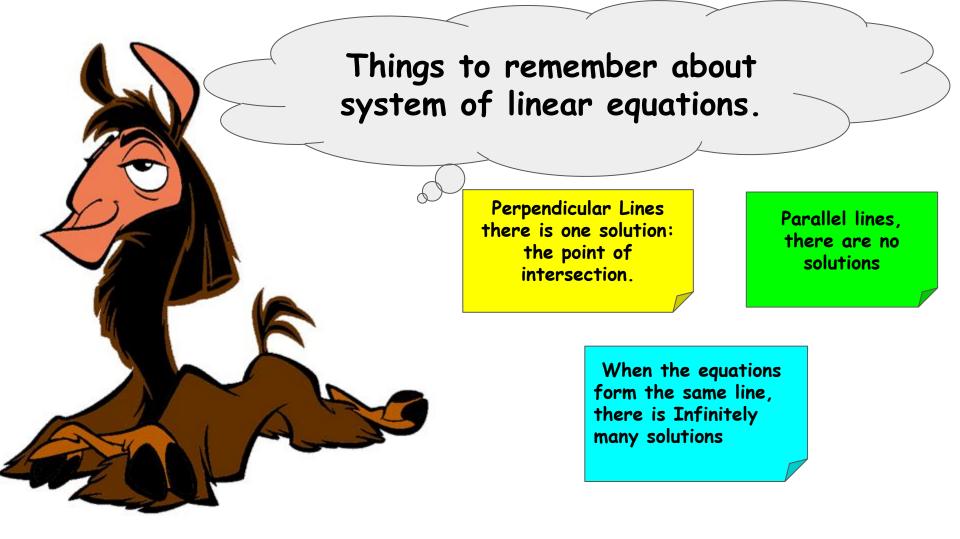
Using the graphing calculator linked above, enter in the following system of equations. Observe and note any patterns you notice.

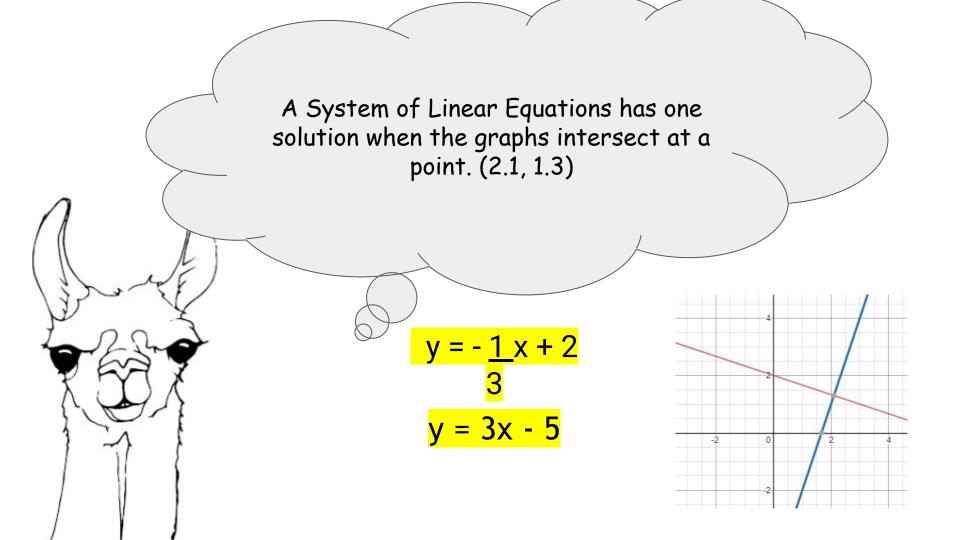
$$y = 2x + 1 \qquad y = -\frac{1}{2}x + 2 \qquad y = \frac{3}{2}x - 3$$

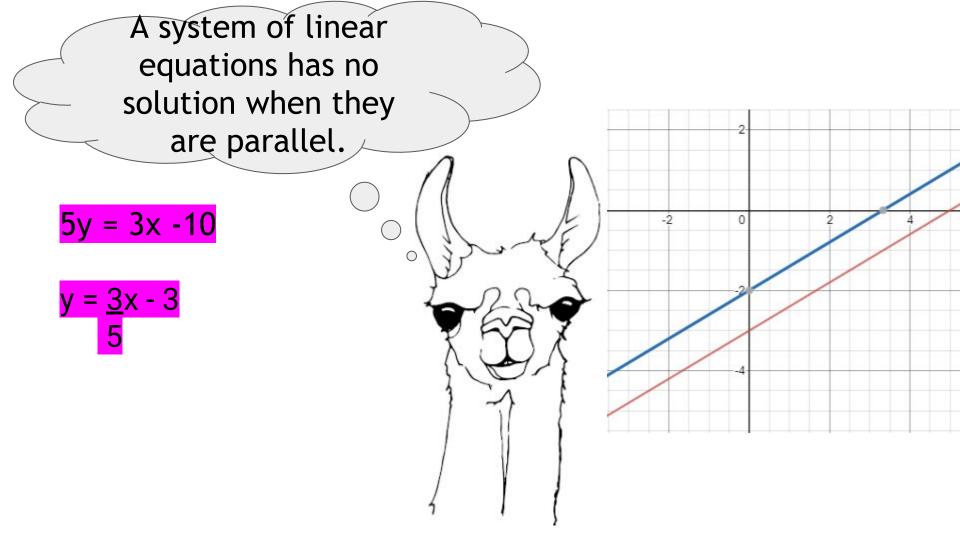
$$3 \qquad 5$$

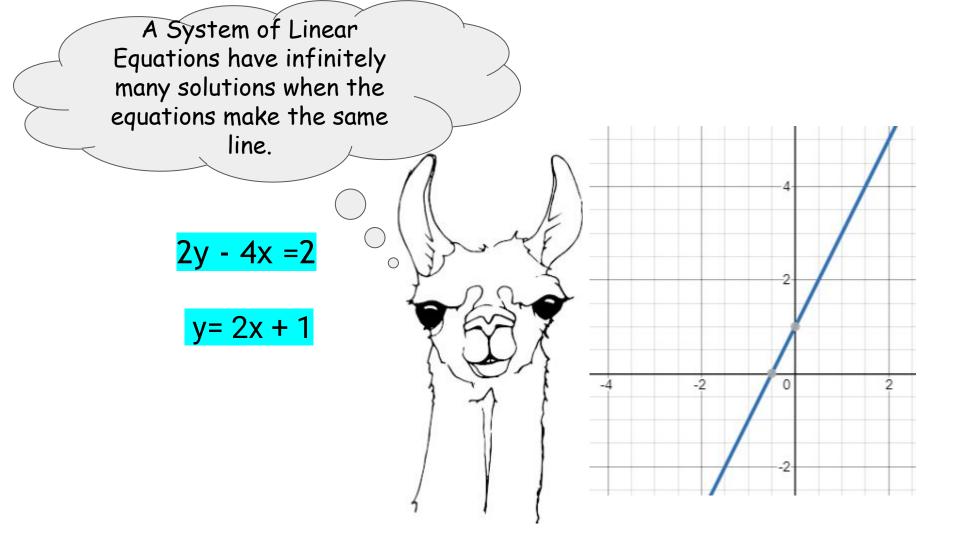
$$2y - 4x = 2 \qquad y = 3x - 5 \qquad 5y = 3x - 10$$

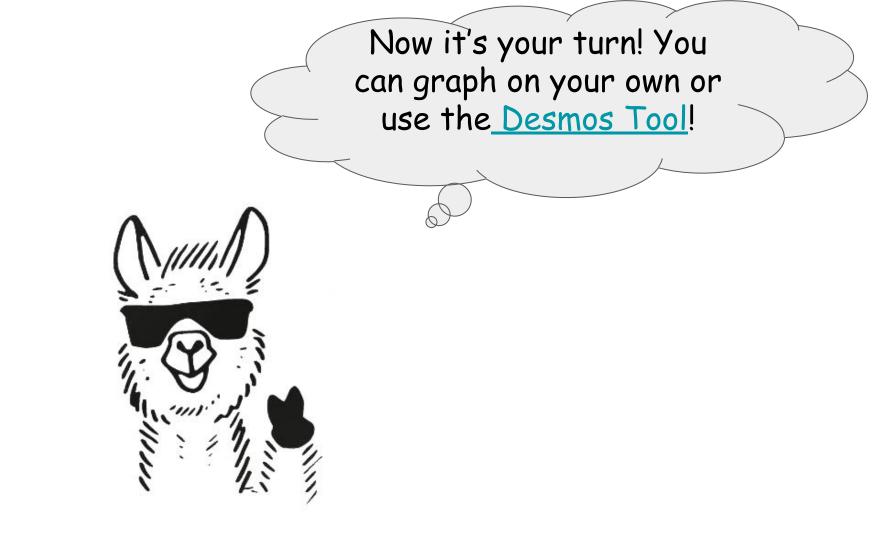


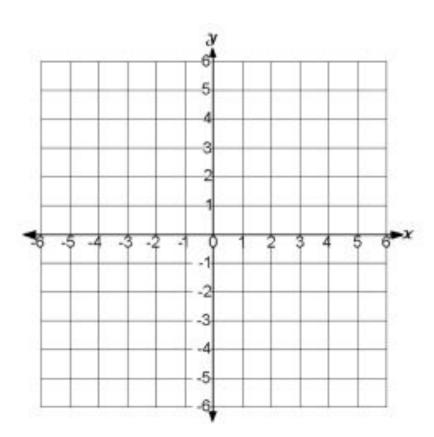






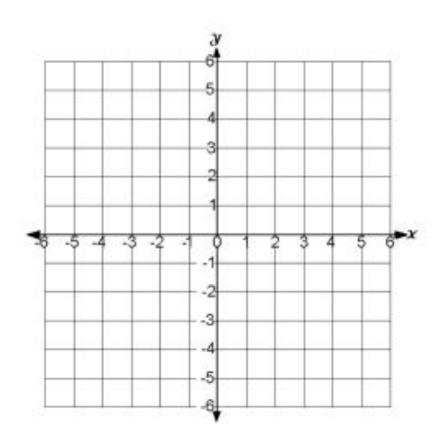


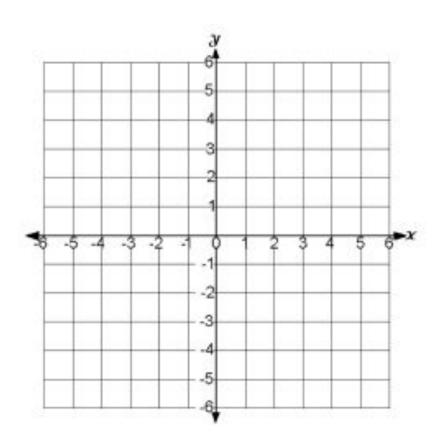




2).
$$y = -3x + 9$$

 $6x + 2y = -14$





Answer Key:

Once you have completed the problems, check your answers here.



Additional Practice:

Click on the links below to get additional practice and to check your understanding!

Finding the number of Solutions

