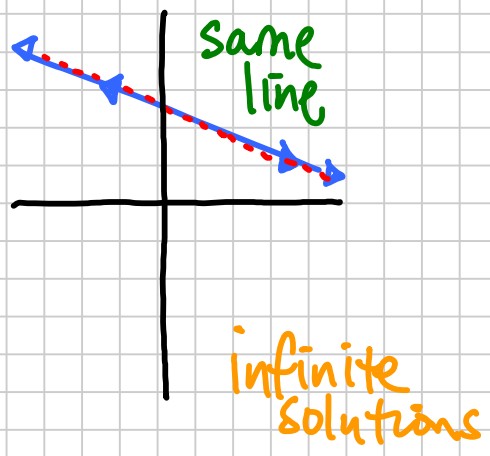
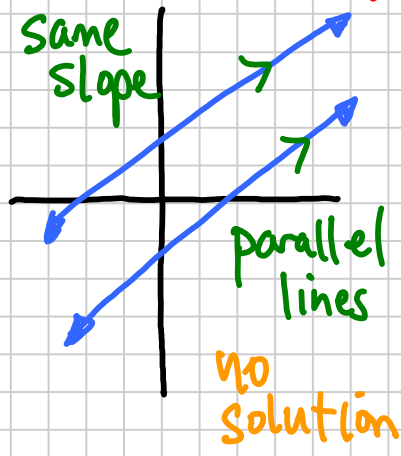
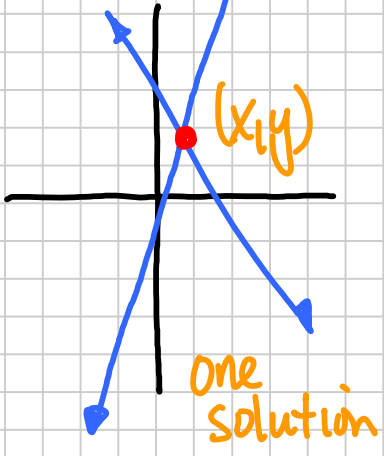


5/7
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Ch 16 ~ More Coordinate Graphing & Transformations

16.1 Solving Systems of Equations by Graphing.

Solution for each equation



ex 1) Solve by graphing

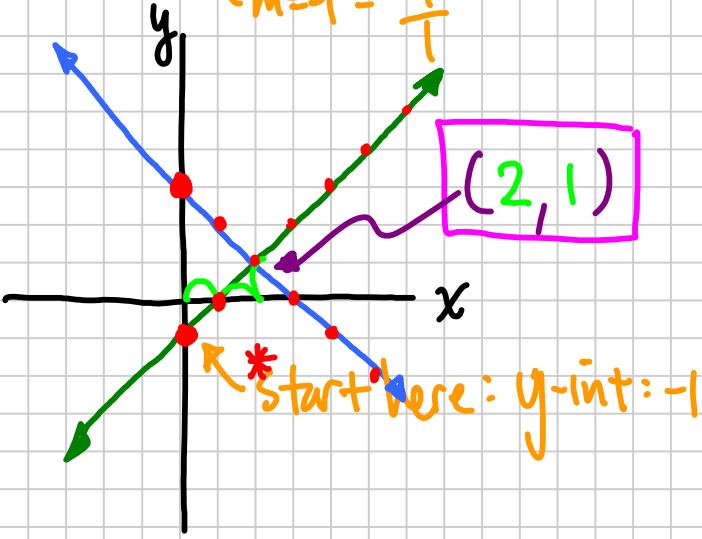
$$\begin{cases} *y = x - 1 & \leftarrow b = -1 \\ *y = -x + 3 & \leftarrow b = 3 \end{cases}$$

$m = 1$
 $m = -1 = -\frac{1}{1}$

Slope-Intercept form $y = mx + b$

$m = \frac{\text{rise}}{\text{run}} = \frac{y_2 - y_1}{x_2 - x_1}$

b is slope, y is y-int.



* slope \neq coordinate

ex 2) $\begin{cases} *y = -2x + 0 & \leftarrow y\text{-int} \\ *y = -2x + 3 & \leftarrow y\text{-int} \end{cases}$

$m = -2$

