

II. Try solving this system:

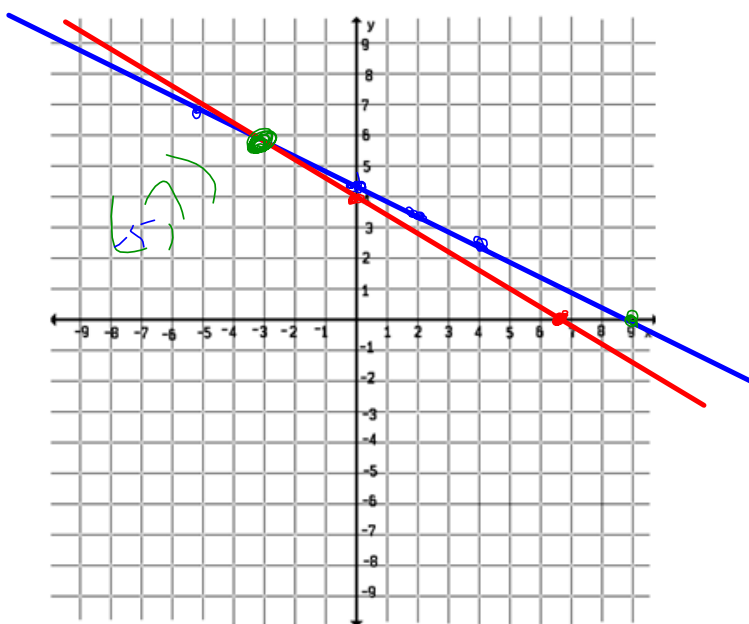
$$\begin{aligned} x + 2y &= 9 \\ 3x + 5y &= 20 \end{aligned}$$

$$\begin{aligned} 2y &= -x + 9 \\ y &= -\frac{1}{2}x + 4.5 \\ m &= -\frac{1}{2} \\ b &= 4.5 \end{aligned}$$

$$3x + 5y = 20$$

x	y
0	4
4	0

$$b^{2/3} \approx 20/3$$



This is a difficult system to solve graphically... why?

Messy numbers.
Lines are close.
Hard to graph.