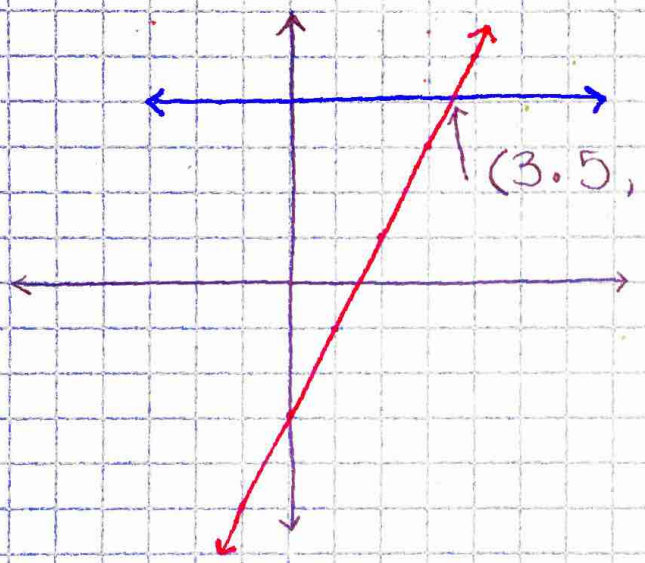
Solving Systems

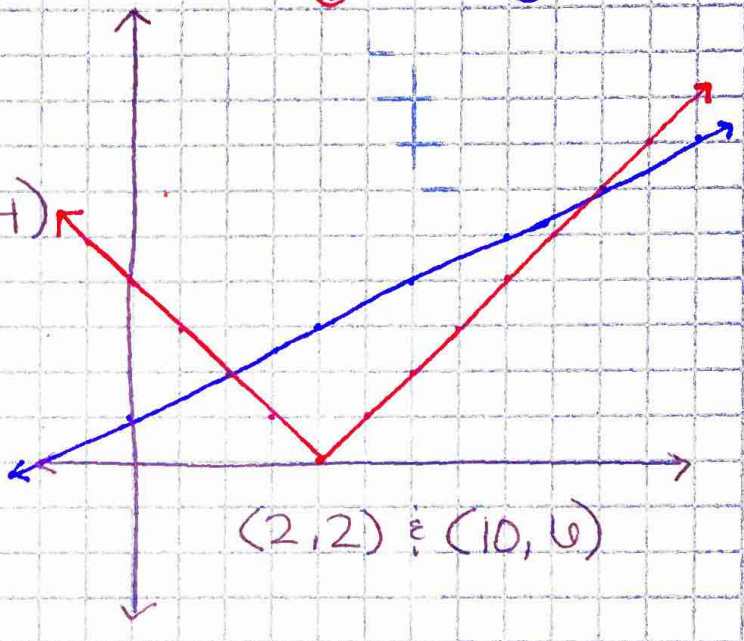
by graphing

- find where the two sides intersect

ex 1 $\underbrace{2x-3}_{①} = \underbrace{4}_{②}$



ex 2 $\underbrace{|x-4|}_{①} = \underbrace{\frac{1}{2}x+1}_{②}$



calculator

ex 3 $|x-4| = \frac{1}{2}x+1$

① graph $y = |x-4|$ & $y = \frac{1}{2}x+1$

② 2nd calc intersection

③ left, right, guess