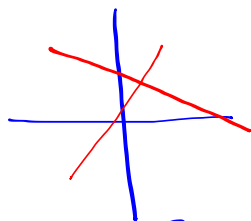


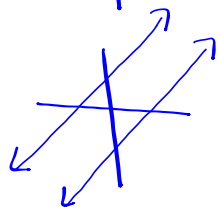
## Different Solutions

①



1 solution

②



0 solutions

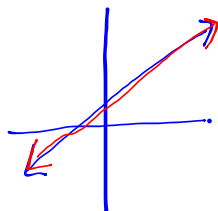
No solution

$$y = \left(\frac{1}{3}\right)x + 5$$

$$y = \left(\frac{1}{3}\right)x + 20$$

-same slope

③



Infinite # of solutions

$$x + y = 20$$

-same line...

$$2x + 2y = 40$$