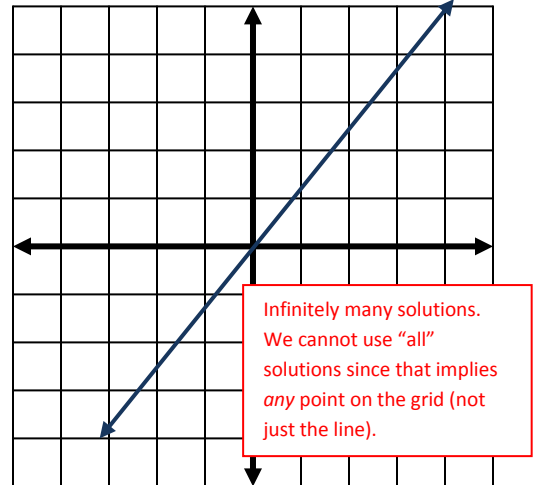
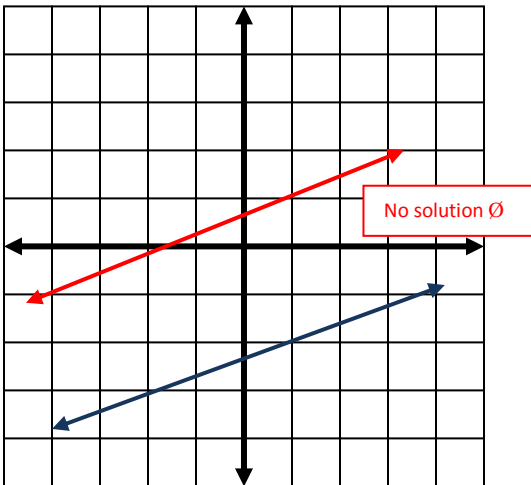
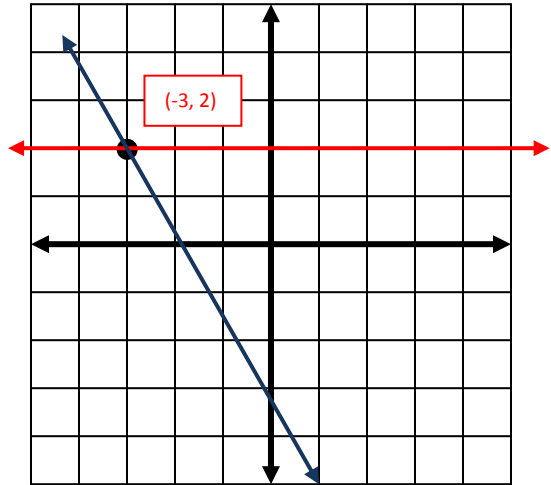
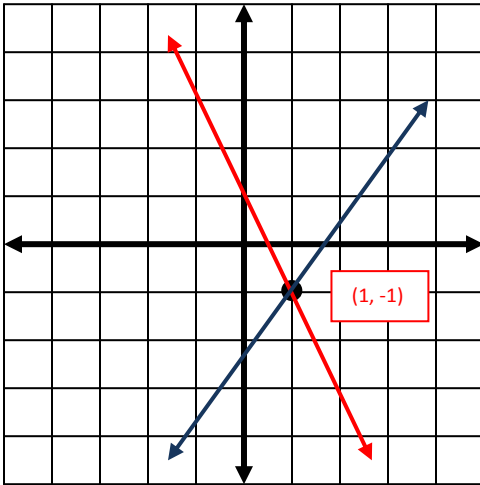


SOLVING SYSTEMS OF EQUATIONS BY GRAPHING

Determine the solution to the system pictured in each graph.

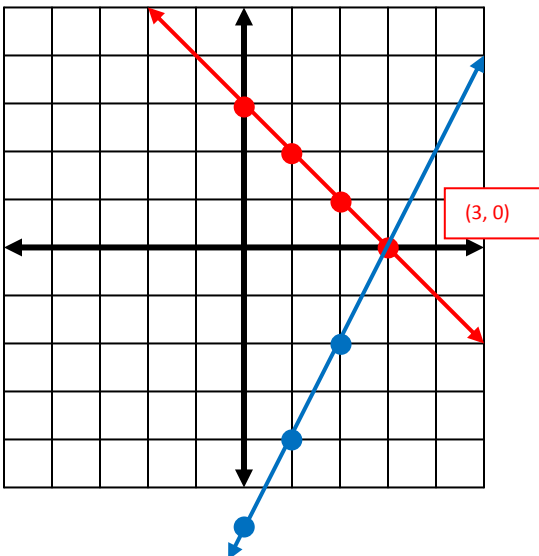


Now, you can graph them, then decide the solution.

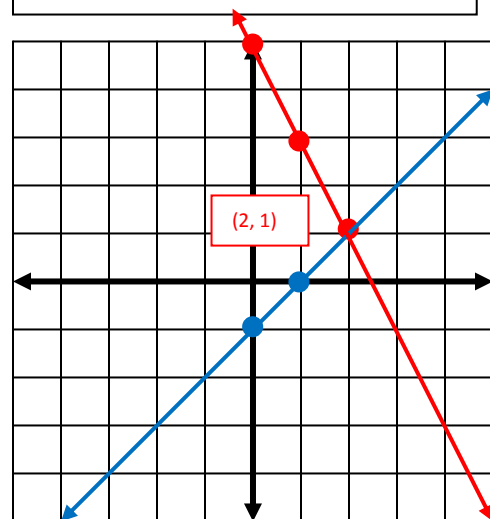
1) $x + y = 3$ and $-2x + y = -6$

2) $2x + y = 5$ and $x - y = 1$

Get "y" by itself first.
 $y = -x + 3$
 $y = 2x - 6$

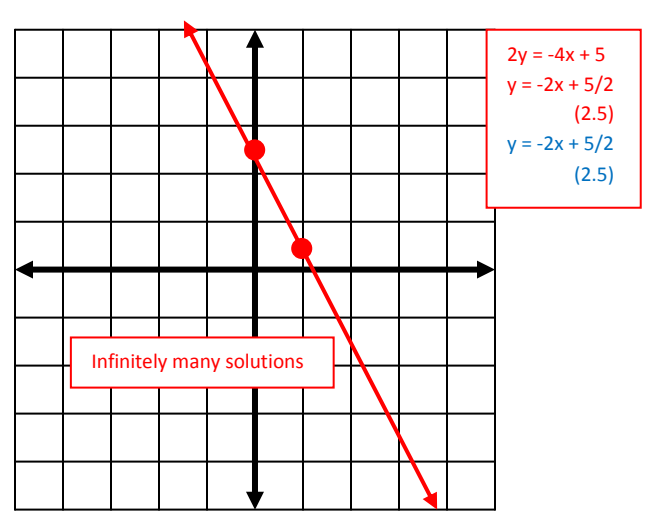
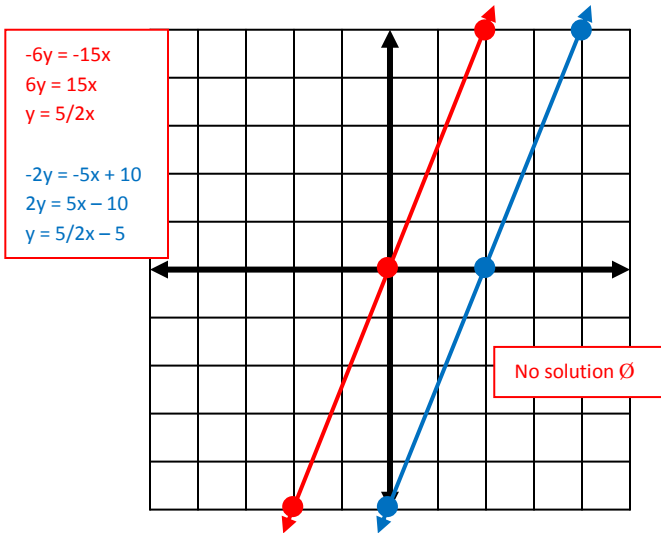


Get "y" by itself first.
 $y = -2x + 5$
 $-y = -x = 1$
 $y = x - 1$



3) $15x - 6y = 0$ and $5x - 2y = 10$

4) $4x + 2y = 5$ and $2x + y = \frac{5}{2}$



Consistent & Inconsistent
 Dependent & Independent
 To require you to know
 this?...that is the question!

Naw! Kinda
 useless
 information!