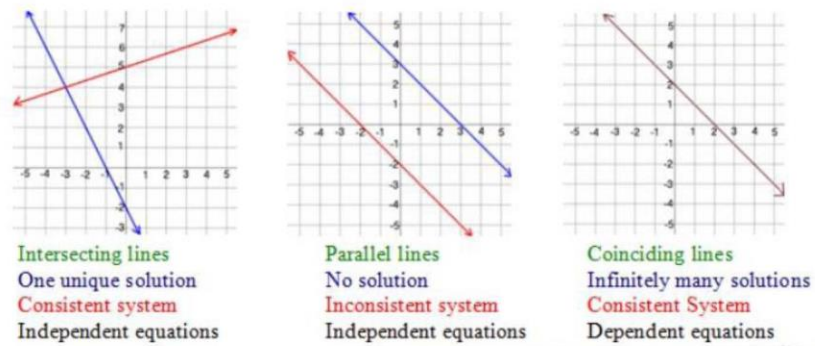


Graphic summary of a system of two equations.



A system is **inconsistent** if it has no solution.  
A system is **consistent** if it has one or more solutions.

If the equations in a system of equations represent the same line, then the equations are **dependent**.

If the equations represent different lines, then the equations are **independent**.

Three videos: Prof. James Souza, Phoenix College.

1. [Solving Systems of Equations Graphically](#)
2. [The elimination \(addition\) method](#)
3. [Solving Systems of Equations using Substitution](#)