Classifying Systems of Equations If a system of equations has at least one solution, it is called consistent. - If a system has exactly one solution, it is called independent. - If a system has infinitely many solutions, it is called dependent. If a system does not have a solution, it is called inconsistent. Know this vocab...it is tested Intersecting lines

Exactly one solution

Consistent, independent system



Consistent, dependent system Parallel lines

No solution Inconsistent system



Example Solve by graphing. CHECK your solution.



Example Solve by graphing.



What would be different when solving a system of inequalities?

