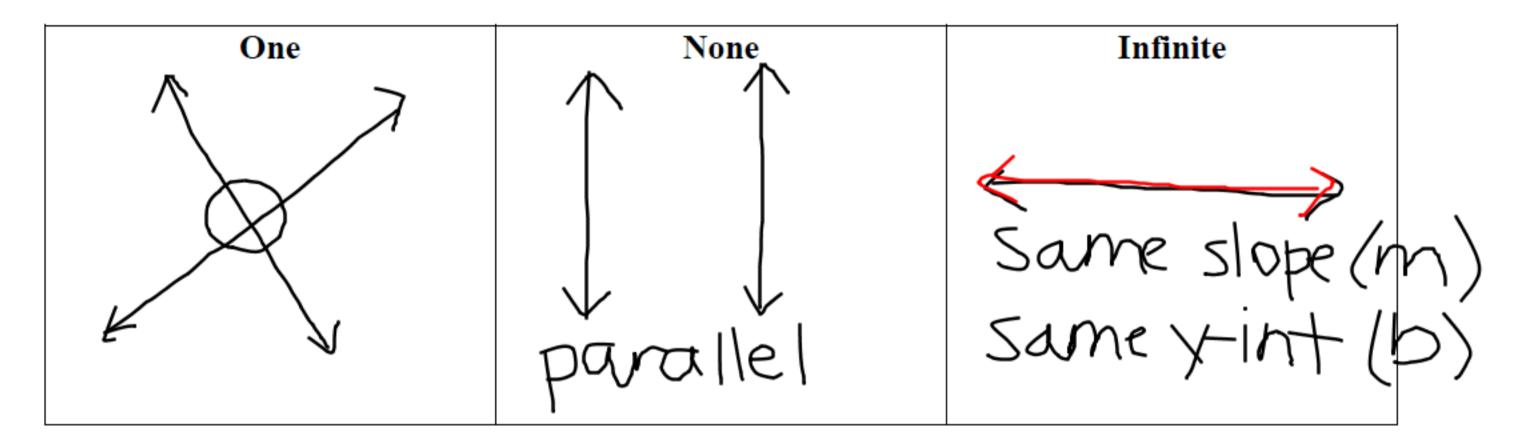


Solving Linear Systems

"Solving" a Linear System means finding the point at which 2 lines intersect. A Linear System can intersect in 3 ways:



We will refer to the solution as the Point of Intersection -POI = (x, y)

In this unit, we will learn 3 ways to Solve a Linear System:

- 1. Solving by Graphing
- 2. Solving by **Substitution**
- 3. Solving by Elimination

Method 1: Solve by Graphing:

Steps:

- 1. **Graph** the 2 linear systems
- 2. State the POI (Point of Intersection) by stating "The POI is (,)"





















