- Adding a solute _____ the freezing point of a solution
- The more ions a solute breaks into, the more the T_f _____

- Adding a solute _____ the boiling point of a solution
- The more ions a solute breaks into, the more the T_b _____

Practical Examples:

Practical Examples:

Molarity = $\frac{\quad}{\quad}$

initial molarity	
initial volume	
final molarity	
final volume	

Solution Behavior

Solutions behave differently than pure substances!

The properties that are affected by the addition of a solute are called:

Two common examples are:

Paste foldable here

Calculations with Solutions

Concentration

Concentration is a description of:

The main unit of concentration is _____.

Paste foldable here

*Concentration calculations are performed when starting with:

Dilutions

Dilutions are carried out using the following equation:

Paste foldable here

*Dilution calculations are performed when starting with: