

Colligative properties

Colligative Property

- effect solute has on solvent

effects

- lowers vapor pressure
- lowers freezing point
- raises boiling point

General Rule

- more solute particles that are present per solvent, greater effect

Ways to Separate Mixtures

Crystallization

- dissolving ionic substances in water and then allowing them to recrystallize

Chromatography

- allows solution to flow through stationary substance
 - **separate base on solubility**

Other methods

- filtration
- centrifugation
- Distillation