Saturated: solution containing all the _____ _____ possible at given conditions of _____ and _____.

Unsaturated: solution containing _____ dissolved _____ than the _____ amount that can be _____ at given conditions of _____ and _____.

Supersaturated: unusual solution containing _____ dissolved _____ than is normally _____ at given conditions of _____ and _____.

Solubility

A _____ of how much _____ can _____ in a given amount of _____ at a specific _____.

Dilute Solution: The amount of _____ dissolved is _____ in relation to the amount of _____ present.

Concentrated Solution: The amount of _____ dissolved is _____ in relation to the amount of _____ present.

Factors Affecting Solubility

1) _____ of _____ and _____:
"_____ dissolves _____".

2) _____
- generally, increasing the _____ of the solution _____ the solubility of a _____ solute
- increasing the _____ of the solution _____ the solubility of a _____ solute

3) _____
- only affects the _____ of a _____ _____
- _____ pressure _____ solubility
- _____ pressure _____ solubility
- Henry's Law: The _____ of a _____ dissolved in a given _____ of _____ is _____ proportional to the _____ of the _____.

The Chemistry Quiz

CR1. _____ CR2. _____

1. _____ 2. _____ 3. _____ 4. _____ 5. _____