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. _____