**Solubility and Saturation**

1. Explain what is meant when something is dissolved?
2. If 3g of salt is dissolved into 34g of water, what is the total mass of the substance?
3. Give the definition of:
   1. Solute
   2. Solvent
   3. Solution
4. What does solubility mean?
5. Why are substances more soluble at high temperature than low temperature (hint – think kinetic energy).
6. Give a brief method and diagram of how you could investigate solubility.