# MULTIPLE CHOICE EXAMPLES

**TYPE 1**

**Solvent that travels from an area of low concentration to an area of high concentration is an example of**

A. **Diffusion**
B. **Osmosis**
C. **Filtration**
D. **Dilution**

**TYPE 2**

**Which statement concerning acids and bases is TRUE?**

A. **A pH of 8 is a stronger base than a pH of 10**
B. **A pH of 2 is a stronger acid than a pH of 5**
C. **Litmus paper changes when pH = 7**
D. **Most cleaners are strong acids**

**TYPE 3**

**Consider the following statements:**

1. **Electrons are negative**
2. **Neutrons orbit the nucleus**
3. **Protons are located in the nucleus**
4. **Atomic number is the number of neutrons**
5. **Number of electrons = number of protons in a neutral atom**

**Which statements are TRUE?**

A. **2 and 4**
B. **2, 3 and 5**
C. **1, 3 and 5**
D. **1,2 and 3**