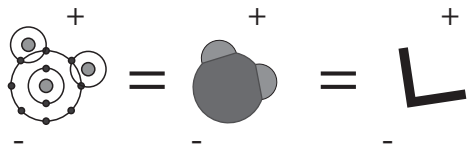
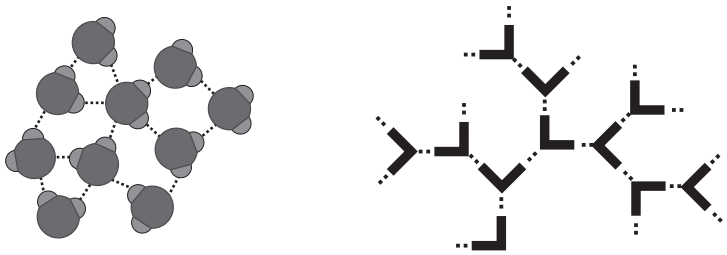
Water

1. Characteristics of Water (Pages 298 - 306)

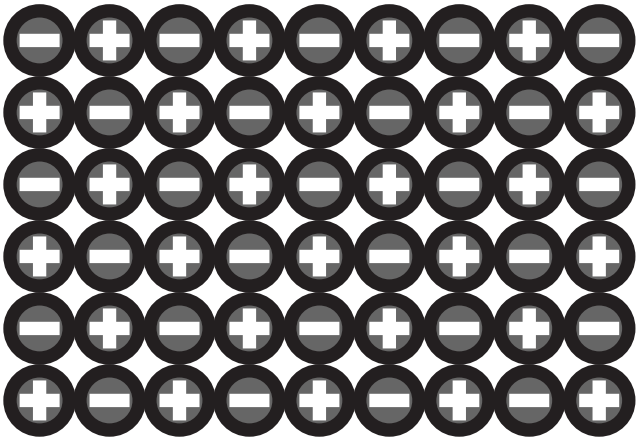
   A. Polar



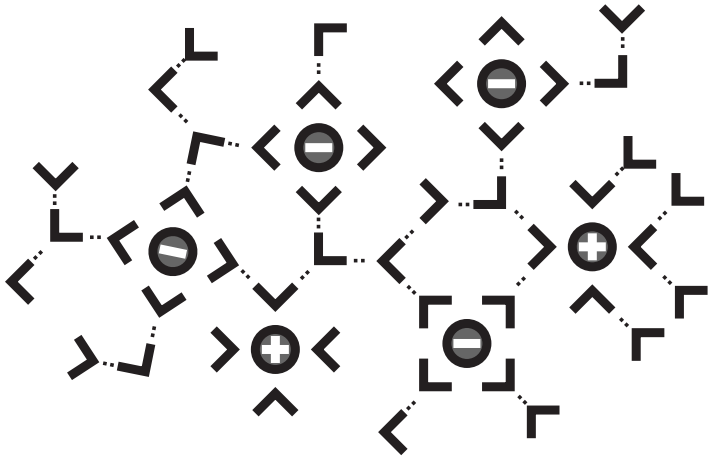


   B. Solvent

      i. Note Salt



ii. Note Salt in Solvent



2. Nature of Heat and Molecular Movement

A. Diffusion (Page 299)

B. Osmosis (Page 299 - 300)

- See handout on Osmosis

i. Semi-permeable Membrane

3. Human Body and Water (Pages 300 - 301)

   A. Fluid Movement (Page 300)

      - See again handout on Osmosis

      i. Intracellular Water

      ii. Extracellular Water

   B. Adequate Intake for water: 11 - 15.5 cups

   C. Water Regulation (Pages 303 - 304)

      - See handout on Water Regulation

      i. Kidneys

      ii. Antidiuretic Hormone (ADH)

4. Diuretics (Pages 304 - 305)

5. Dehydration (Page 305)

    A. Regulation

        i. Thirst

        ii. Antidiuretic Hormone (ADH)

    B. Dehydration and Disease

    C. Dehydration and Age

6. Toxicity (Page 306)