

BASIC CONCEPTS OF CHEMISTRY

Chapter 3

The Properties of Matter and Energy

Objectives:

- * List several properties of matter and distinguish them as physical or chemical
- * Perform calculations involving the density of liquids and solids
- * Perform calculations involving percent of a pure substance in a mixture
- * Define terms associated with energy exchanges in physical and chemical processes
- * Perform calculations involving the specific heat of a substance
- * To learn to distinguish between mixtures and pure substances
- * To learn two methods for separating mixtures