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CHAPTER 2 ATOMS, MOLECULES, AND IONS

Chapter Learning Goals for Students Secretion 2.1 Use werehols to represent element names. Section 2.2. Identify the location of metals, nonmetals, and semimetals on the periodic table. Indicate the atomic number, group number, and period number for an element whose position in the occordic table is given. Identify process as main group, transition metal group, or inner transition metal group. Section 2.3: Specify the location and give examples of elements in the alkali metal, alkaline earth metal, balonen, and noble gas groups. Use the properties of an element to classify it as metal, nonmetal, or semimetal and give its location in the periodic table. Determine the mass of the products in a reaction using the law of mass conservation. Secretion 2.4 Superstinent 2, 56 Demonstrate the law of multiple proportions using mass composition of two compounds of the same elements. Secretion 2.6 Describe Thomson's cathode-ray experiment and what it contributed to the current model of atomic structure. Describe Millifran's oil drop experiment and what it contributed to the current model of atomic structure. Describe Ratherford's gold foil experiment and what it contributed to the current Secretion 2.7

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Ensheng Dong

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