

Name \_\_\_\_\_

Date \_\_\_\_\_

## Elements and Compounds Vocabulary List & Definitions

density	the ratio of mass to volume.
electron	a negatively charged particle, considered a fundamental unit of matter, that exists independently or outside the nucleus of an atom.
element	any of the substances, now numbering 107, that cannot be chemically separated into simpler substances.
mixture	the product of mixing two or more items or substances together.
molecule	a single atom or several atoms bound together electromagnetically, forming the smallest particle that possesses all the characteristic physical and chemical properties of an element or compound.
neutron	an elementary particle having no charge, spin of one-half, and mass approximately equal to a proton, present in the nucleus of all atoms except the common isotope of hydrogen.
symbol	something that represents something else, esp. a material sign or object that stands for a complex or abstract concept.
volume	the amount of space occupied by a three-dimensional object.
compound	a substance formed by the union of two or more chemical elements in fixed proportions, with properties different from those of its constituents.

