



Across

- 1** Protons and neutrons comprise the ____ of an atom. (7)
- 4** A typical ____ is composed of electrons, protons, and neutrons. (4)
- 7** A number in a chemical formula for a compound is called a ____ . (9)
- 9** A typical atom consists of ____, protons, and neutrons. (9)
- 10** The atoms of an element are basically alike, though the number of ____ may vary. (8)

Down

- 2** A form of matter made up of one type of atom (7)
- 3** H₂O is the chemical formula for ____ . (5)
- 5** Two or more atoms of different elements may combine to form a ____ . (8)
- 6** A chemical change can be modeled by a chemical ____ . (8)
- 8** The atoms of one element differ from those of another element in the number of ____ . (7)