

## Matching

1. Molecules
  2. Element
  3. Valence Shell
  4. Octet Rule
  5. Anion
  6. Cation
  7. Compound
  8. Element that is never alone
  9. Isotope
  10. Heterogeneous mixture
  11. Nuclear fusion
- A. The process of combining two nuclei to form a heavier nucleus thereby releasing energy
  - B. Negative ion
  - C. Two or more DIFFERENT elements combined together
  - D. A mixture in which the molecules of the mixed substances are not completely mixed
  - E. The process of dissolving can be aided by stirring
  - F. Hydrogen
  - G. Halogens
  - H. Noble Gases
  - I. The outermost shells of electrons
  - J. An element that has gained more neutrons making the atomic mass increase
  - K. Oxygen
  - L. Two or more of the SAME element combined together
  - M. The simplest form of matter of earth made up of only one type of atom
  - N. Positive Ion
  - O. N