

C19 Vocabulary--Elements and their Properties

- 1 _____ - different forms of the same element having different molecular structure
- 2 _____ --a molecule that consists of two atoms of the same element
- 3 _____ -ability of metals to be drawn or pulled into wires
- 4 _____ -ability of metals to be hammered or rolled into sheets
- 5 _____ l-element that typically is a hard, shiny solid, is malleable and is a good conductor of heat and electricity
- 6 _____ - occurs because electrons move freely among a metal's positively charged ions and explains properties such as ductility and conductivity
- 7 _____ - element that shares some properties with metals and some with nonmetals
- 8 _____ element that usually is a gas or brittle solid at room temperature, is not malleable or ductile, is a poor conductor of electricity or heat and is typically not shiny
- 9 _____ -element such as radium whose nucleus breaks down and emits particles and energy
- 10 _____ - compound formed when negative ions from an acid combine with positive ions from a base
- 11 _____ - elements such as silicon and germanium that will conduct an electric current under certain conditions
- 12 _____ -process of a solid changing directly to evaporate without forming a liquid
- 13 _____ - elements in groups 3-12 of the periodic table that occur in nature as uncombined elements and include the iron triad and coinage metals
- 14 _____ -elements having more than 92 protons