

Name: _____ Date: _____

Unit 5 vocab builder

- forces between molecules
 - movement of particles one at a time through tiny holes
 - massless gas with no intermolecular forces
 - a theoretical temperature at which all motion stops
 - state in which matter has substantially higher density than in gas form
 - desire for electrons
 - uneven sharing of electrons between two atoms
 - a molecule in which the centers of positive and negative charge are not the same
 - a dipole created by the presence of another dipole
 - how "thick" a fluid is
 - a solid in which the particles exist in a highly ordered, repeating pattern
 - the minimal repeating unit within a crystal
 - a solid that behaves like an extremely viscous liquid
 - conversion of a substance from one phase to another
 - a liquid which evaporates easily
 - the amount of heat required to vaporize a given amount of a liquid
 - the process of a material changing directly from solid to gas
 - the temperature and pressure at which the solid, liquid, and vapor phases of a pure substance can coexist in equilibrium.
 - a point on a phase diagram at which both the liquid and gas phases of a substance have the same density
 - the pressure over a liquid caused by the vapor molecules when the liquid and vapor molecules are at equilibrium
- absolute zero
 - condensed state
 - amorphous solid
 - phase change
 - viscosity
 - sublimation
 - crystalline solid
 - polar bond
 - ideal gas
 - effusion
 - volatile
 - equilibrium vapor pressure
 - unit cell
 - critical point
 - induced dipole
 - intermolecular force
 - electronegativity
 - heat of vaporization
 - dipole
 - triple point