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Atom size = 10^{-10} meters or 1 Angstrom
(diameter)

Chap 8 Related Terms

Temperature Scales: $^{\circ}\text{C}$, $^{\circ}\text{F}$, K

Temperature is a measure of: molecular motion or kinetic energy

Absolute Zero or 0K = no molecular motion

Phase of Matter: Solid, Liquid, Gas, Plasma

↑
strongest intermolecular forces

↑
greatest kinetic energy

Melting Point = Freezing Point

Compound = 2 or more atoms = water H_2O

Element = single type of atom = Na = sodium

All molecules have chemical bonds. H_2 or HCl

Homogeneous mixture = even distribution

Heterogeneous mixture = different composition

Condensation gas \Rightarrow liquid

Evaporation liquid \Rightarrow gas

Sublimation solid \Rightarrow gas Deposition gas \Rightarrow solid