

Unit 2 Study Guide

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- ____ 1. The force per unit area is _____.
a. pressure
b. a buoyant force
c. a reaction force
d. acceleration
- ____ 2. The volume of gas kept at constant pressure will increase when its temperature is increased. This relationship is stated by _____.
a. Charles' law
b. Pascal's principle
c. Bernoulli's principle
d. Boyle's law
- ____ 3. Particles of matter arranged in repeating patterns form _____.
a. amorphous solids
b. crystals
c. viscous liquids
d. models
- ____ 4. The energy needed to change from a solid to a liquid state is called _____.
a. the freezing point
b. heat of vaporization
c. the melting point
d. heat of fusion
- ____ 5. The temperature at which a liquid changes into a solid is the _____.
a. boiling point
b. sublimation point
c. freezing point
d. condensation point
- ____ 6. The property of a liquid that describes how it flows or pours is called its _____.
a. viscosity
b. buoyant force
c. flux
d. thermal expansion
- ____ 7. A liquid can change into a gas without boiling. This process is called _____.
a. evaporation
b. condensation
c. sublimation
d. compression
- ____ 8. A gas cools and changes into a liquid. This process is called _____.
a. condensation
b. freezing
c. evaporation
d. sublimation
- ____ 9. The state of matter that has a definite shape and volume is _____.
a. liquid
b. plasma
c. gas
d. solid
- ____ 10. As the temperature goes up, the volume of matter usually increases. This increase is called _____.
a. kinetic enlargement
b. buoyant force
c. thermal expansion
d. kinetic magnification