

NAME.....

DATE.....

QUESTION 1

Naphthalene balls can change directly from solid to gaseous state. What is the name of this kind of state change?

- A. Condensation
- B. Sublimation
- C. Vaporization
- D. Osmification

QUESTION 2

Which of the following states of matter can undergo Brownian motion?

- A. Solids, liquids, gases
- B. Solids and liquids only
- C. Solids and gases only
- D. Liquids and gases

QUESTION 3

Which of the following is a property of solids only?

- A. Free movement of atoms and ions
- B. Takes the shape of the container
- C. Fixed position in a lattice structure
- D. Can expand due to heat

QUESTION 4

Which one is the correct chemical formula of water?

- A. H_2O_2
- B. $2HO_2$
- C. HO_2
- D. H_2O

QUESTION 5

The process of diffusion occurs fastest in _____?

- A. Solid
- B. Liquid
- C. Gas
- D. All happen at the same rate