Changing States of Matter

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour\_\_\_\_\_\_\_\_\_\_\_

**Identify the following states of matter by writing solid, liquid, or gas.**

1. Water\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. A brick\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Steam\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. Milk\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Popsicle\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. Air\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Phase changes occur when heat is added or when heat is removed. Write adding heat or removing heat after each description below.**

7. Chocolate chips melting, changing from a solid to a liquid\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. Water freezing, changing from a liquid to a solid\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Snow melting, changing from a solid to a liquid\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. Water going from a liquid to a gas\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Lava hardening into rock, changing from a liquid to a solid\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. The molecules in an object are slowing down, and the object is changing states. Are you adding heat or removing heat to change the state of the object?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. The molecules in an object are speeding up, and the object is changing states. Are you adding heat or removing heat to change the state of the object?

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