

Test: Changing States of Matter

Name: _____

Part A: Fill in the table. Spell the words correctly. Find them in the table on this test!

| Changing States of Matter | |
|---------------------------|--------------|
| Name | Phase Change |
| Melting | to |
| Freezing | to |
| Vaporization | to |
| Condensation | to |
| Sublimation | to |
| Deposition | to |

Part B Fill in the blanks. Spell the words correctly. Find them in the table on this test!

1. _____, _____, or _____ is needed for most changes of state to occur.
2. _____ can increase the speed at which a change of state occurs by breaking the matter into small pieces and allowing the effects of the _____ or _____ to take effect faster.
3. A _____ will turn to a liquid when cooled and a liquid will turn to a _____ when cooled further.

Part C Name the change of state for each example below. SPELL THE WORDS PROPERLY. Find them in the table on this test!

- An ice cube is left out of the freezer and starts to drip.

- Water is boiled in a kettle and steam rises. _____

- Dry ice creates a fog/smoke at room temperature.

- Frost is an example of _____.

- Jenny mixed hot chocolate powder with warm milk and drank it.

- On a warm day, Jimmy noticed water droplets forming on the outside of his cold glass of lemonade. _____

Words

| | |
|-------------|-----------------|
| • liquid | • mixing |
| • solid | • vaporization |
| • gas | • state changer |
| • pressure | • time |
| • cold | • adoms |
| • heat | • atoms |
| • modules | • |
| • molecules | |
| • matter | |