Name Date Period

### Changes of State

**Textbook Reading Questions**

Read the textbook section called “Changes of State” (use your table of contents at the front of the book to find the page number to start on). Make sure to look at all the pictures and read the captions. Once you have finished reading, use the textbook section to help you answer the following questions using complete sentences.

1. What is melting?
2. If the particles in a solid are REALLY attracted to each other, do you think that solid would have a high melting point or a low melting point? Why? (The answer to this question is not in the reading. . .you have to think about this one on your own!)
3. What is freezing?
4. Look back at the paragraphs on freezing and melting. What temperature does water freeze at? What temperature does it melt at? Are these temperatures the same?
5. What are the two types of vaporization?
6. Which type of vaporization takes place THROUGHOUT a liquid?
7. What is condensation?
8. What is the opposite of condensation?
9. What physical state is skipped during the process of sublimation?
10. How do clouds typically form?