

What are Physical Changes?
(Chapter 1 Lesson 4)

1. Define physical change and give three examples of physical changes.

2. Explain what a boiling point is. What is the boiling point of water?

3. Define melting point. What is the melting point of water?

4. What is a freezing point, and what temperature is the freezing point of water?

5. What can you *deduce about the freezing point of butter (or another hard substance) knowing that it is a solid at room temperature? (Hint: Check out paragraph 3 on page B24.)

**deduce means “figure out”*

6. Explain how wax is turned into crayons. (Hint: Use transition words to give order to your answer.)

7. Explain how gaining or losing energy can cause changes in matter.
{Hint: think the three phases (states) of matter and freezing, melting, and boiling points.}
