

**The Nature of Matter** ▪ 2.2 Review and Reinforce

## Changes in Matter

**Understanding Main Ideas**

Check the type of change or changes that apply to each description.

Description	Physical Change	Chemical Change
1. A new substance is produced.		
2. A substance changes form, but it remains the same substance.		
3. Water freezing is an example.		
4. Metal rusting is an example.		

5. Explain the law of conservation of matter.

---

---

---

---

**Building Vocabulary**

If the statement is true, write true. If it is false, change the underlined word or words to make the statement true.

- \_\_\_ 6. The law of conservation of properties states that in any chemical or physical change, matter is not created or destroyed.
- \_\_\_ 7. A change that alters the former appearance of matter but does not make any substance in the matter into a different substance is called a chemical change.
- \_\_\_ 8. A change in matter that produces one or more new substances is called a physical change.