

What is corrosion?

Lesson Review

Complete the following.

1. What is corrosion? _____
2. What happens when a metal becomes corroded? _____

3. What is the most common example of corrosion? _____
4. What is a common cause of corrosion? _____
5. What forms on corroded silver? _____
6. What happens when corrosion is removed from a metal? _____

7. What is the chemical equation for the formation of rust? _____
8. What happens to a metal during oxidation? _____
9. Why is it important to prevent metals from corroding? _____

10. What are three ways of preventing corrosion? _____

Skill Challenge

Skills: *identifying, synthesizing*

Determine which item in each pair is more likely to corrode. Circle that item.

1. painted iron fence unpainted iron fence
2. plastic spoon silver spoon
3. iron railing stainless steel railing
4. silver ring oil-coated silver ring
5. metal bicycle frame painted metal bicycle frame
6. stainless steel knife silver knife