

INTRODUCTION TO REDOX CHEMISTRY

Complete the sentences below:

1. Oxidation occurs when a substance _____ electrons.
2. Reduction occurs when a substance _____ electrons.

Determine and then write the oxidation state of the underlined element in the space provided. You must include "+" or "-" sign in front of the oxidation number.

Example:



3. P₂O₁₀ Oxidation State: _____
4. N₂O Oxidation State: _____
5. SO₃ Oxidation State: _____
6. Na₂SO₃ Oxidation State: _____
7. CrO₄²⁻ Oxidation State: _____
8. VO₃⁻ Oxidation State: _____
9. CO Oxidation State: _____
10. SnO₂ Oxidation State: _____