

Give the oxidation number for chlorine for each of the following molecules:

1. HClO
2. HClO<sub>3</sub>
3. ClO<sub>4</sub><sup>-</sup>

Give the oxidation number for nitrogen for each of the following molecules:

1. N<sub>2</sub>
2. N<sub>2</sub>H<sub>4</sub>
3. NH<sub>4</sub>

Identify the oxidizing agent, reducing agent and the oxidized substance and reduced substance

