

Download Oxidation Numbers Exercise Answers

Purpose: This exercise is designed to teach the student how to assign oxidation numbers. Oxidation numbers are very important and are used for 1) naming compounds, 2) balancing oxidation-reduction reactions, 3) calculations in electrochemistry and other areas of chemistry. Oxidation Number Exercise - answers. Page 57. Oxidation Number Exercise. Do not hand in this work sheet. When you are ready, you will be given an examination over this material. 6. The oxidation state of hydrogen in most of its compounds is +1 unless it is combined with a metal, in which case it is -1. 7. In compounds, the elements of groups 1 and 2 as well as aluminum have oxidation numbers of +1, +2, and +3 respectively. 8. The sum of the oxidation numbers of all atoms in a neutral compound is 0. 9. The sum of the oxidation numbers of all atoms in a polyatomic ion equals the charge of the ion. Calculate the oxidation numbers of all the elements using the rules discussed in class. Mouse over the formula to reveal the answers. Mouse over the formula to reveal the answers. NOTE: This page works ONLY in Internet Explorer and not Netscape Navigator.