Download Redox Practice Solutions

Practice Problems: Redox Reactions. Determine the oxidation number of the elements in each of the following compounds: a. H 2 CO 3 b. N 2 c. Zn(OH) 4 2- d. NO 2- e.Practice Problems: Redox Reactions (Answer Key) ... Write balanced equations for the following redox reactions: a. 2 NaBr + Cl 2 2 NaCl + Br 2 b. Fe 2 O 3 + 3 CO 2 Fe + 3 CO 2 in acidic solution c. 5 CO + I 2 O 5 5 CO 2 + I 2 in basic solution ;Solution: 1) This problem poses interesting problems, especially with the Cl. The key to solving ths problem is to eliminate everything not directly involved in the redox. That means the H in HFeCl 4 as well as the Cl in it and HCl. When we do that, this is the unbalanced, ionic form we wind up with: Fe + H +---> Fe 3+ + H 2Questions pertaining to redox reactions If you're behind a web filter, please make sure that the domains *.kastatic.org and *.kasandbox.org are unblocked. - Redox Practice Solutions