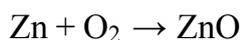


Redox Reactions of d-block Elements

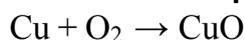


Here are the unbalanced chemical equations for the 10 reactions involving d-block elements:

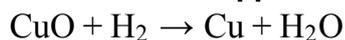
1. Oxidation of Zinc:



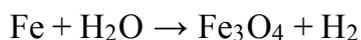
2. Oxidation of Copper:



3. Reduction of Copper:



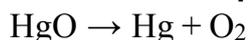
4. Oxidation of Iron in Contact with Steam:



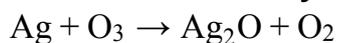
5. Disproportionation of Copper:



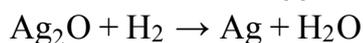
6. Thermal Decomposition of Mercury(II) Oxide:



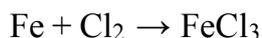
7. Oxidation of Silver by Ozone:



8. Reduction of Silver(I) Oxide:



9. Oxidation of Iron by Chlorine:



10. Reduction of Chromium(VI) to Chromium(III):



These unbalanced equations represent the initial steps in setting up redox reactions for further balancing and analysis.