

Name : Date :

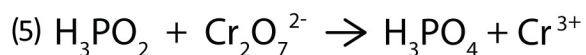
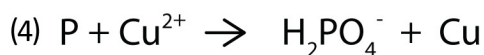
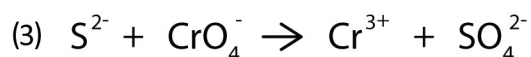
Balancing Equations

Write the formulas of the reactants and products, then balance the equations.

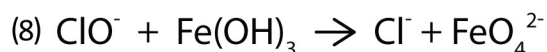
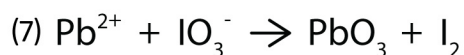
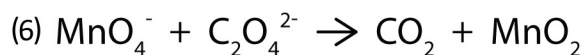
(1) When sodium hydroxide is added to sulfuric acid, the products are water and sodium sulfate.

(2) In the Haber process, hydrogen and nitrogen gas react to form ammonia.

Balance the following redox reactions in **acidic** solutions.



Balance the following redox reactions in **basic** solutions.



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Balancing Equations

Answers

(1) When sodium hydroxide is added to sulfuric acid, the products are water and sodium sulfate.



(2) In the Haber process, hydrogen and nitrogen gas react to form ammonia.

