

Experiment 7
The Chemistry of Oxygen:
Basic and Acidic Oxides and the Periodic Table
Pre-Lab Quiz

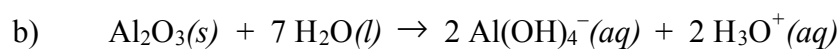
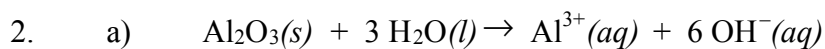
Course _____

Name _____

Date _____

Lab Section Number _____

1. Show how the hydroxide and oxide compound of an element are related to each other by writing the reaction that converts barium oxide to barium hydroxide.



Which of the reactions, (a) or (b), shows the acidic nature of aluminum oxide? _____

Which of the reactions, (a) or (b), shows the basic nature of aluminum oxide? _____

Together, reactions (a) and (b) show the _____ nature of aluminum oxide.