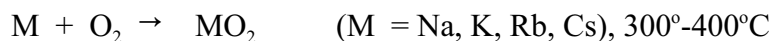
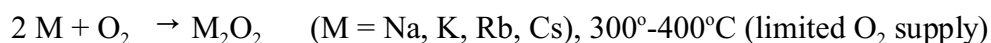
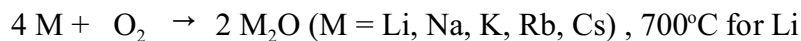


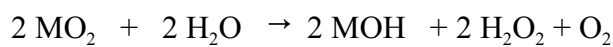
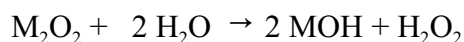
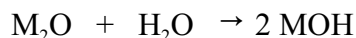
Written below are some of the chemical reactions of the representative elements that were highlighted during the past several weeks of CH611.

Hydrogen chemistry not directly included.

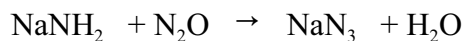
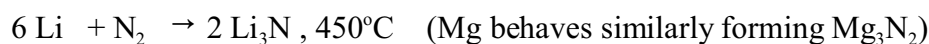
Alkali metal oxides



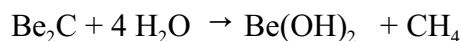
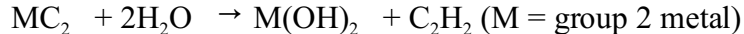
reactions with water



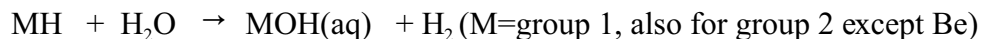
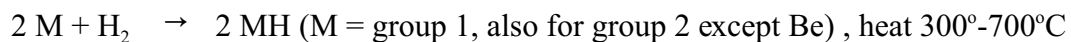
group 1 and 2 nitrides



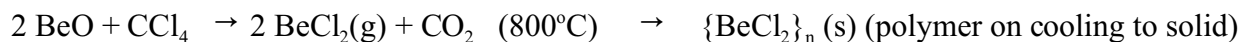
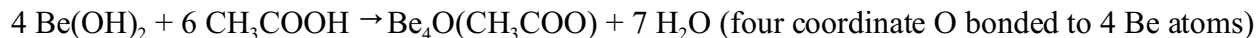
group 1 and 2 carbides



group 1 and 2 hydrides

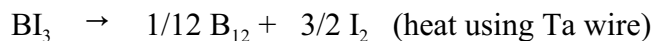
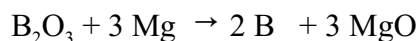


beryllium



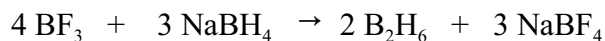
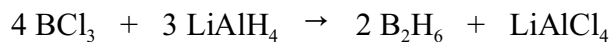
group 13

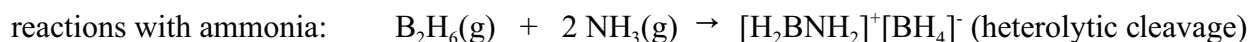
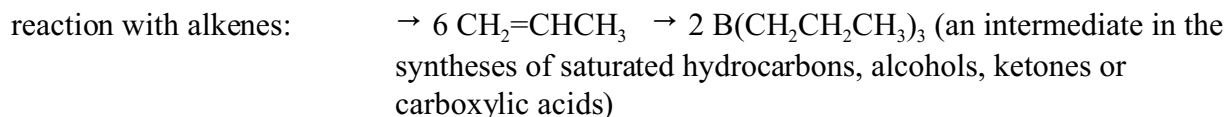
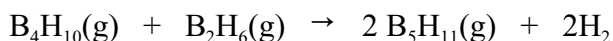
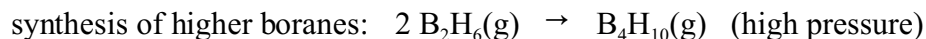
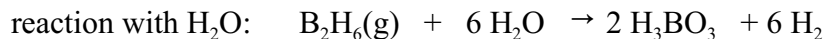
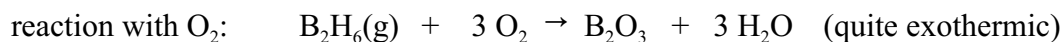
synthesis of boron



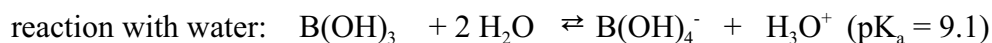
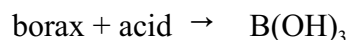
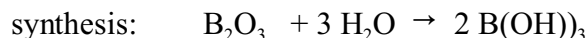
diborane

preparation

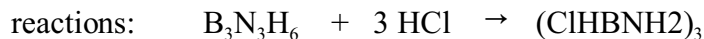




boric acid



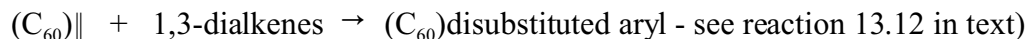
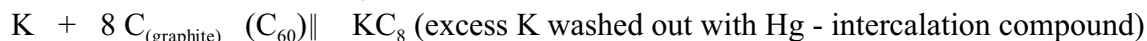
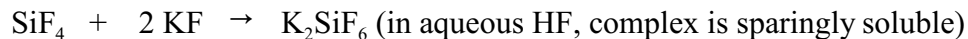
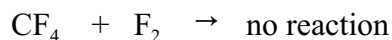
borazine



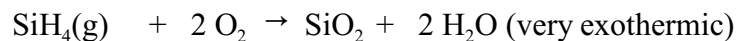
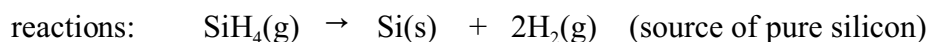
other group 13 reactions

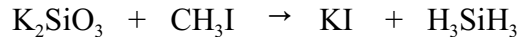
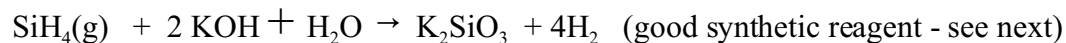


group 14



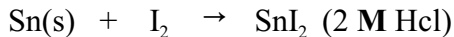
silane



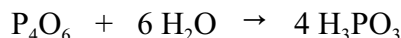
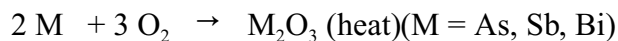
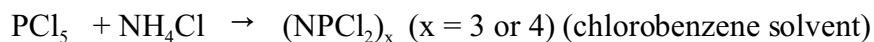
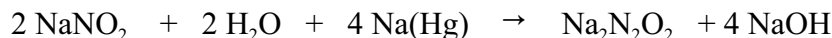
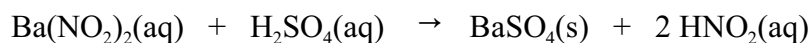
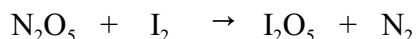
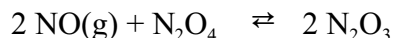
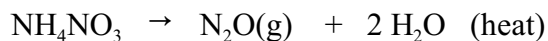
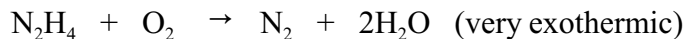


other reactions

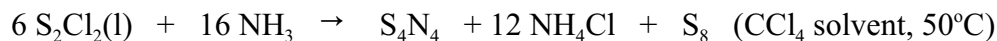
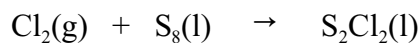
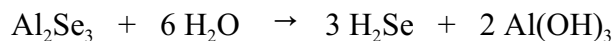
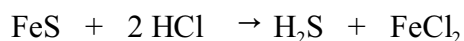
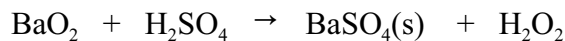
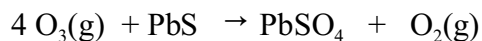
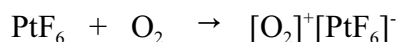
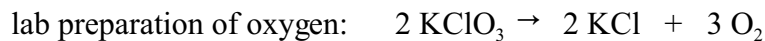
stability of +II oxidation state at bottom of group



group 15

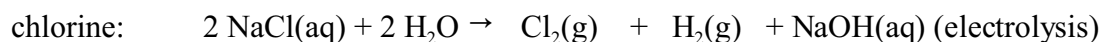
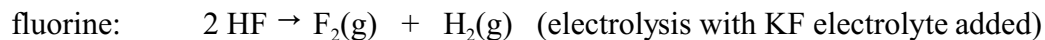


group 16



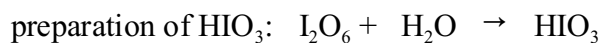
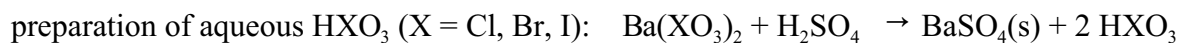
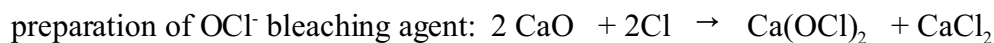
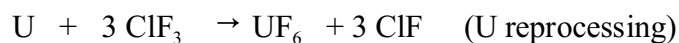
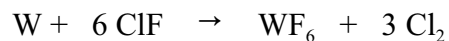
group 17

preparation of halogens





interhalogen reactions:



preparation of halogen oxides:

