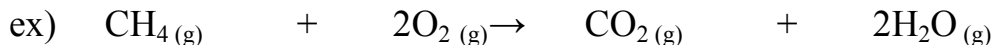


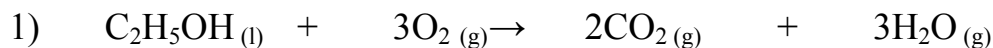
Name _____

Balancing Equations

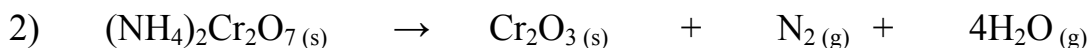
Balance each of the following equations and write out the reaction in words:



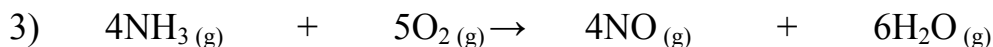
Methane gas plus oxygen gas yields carbon dioxide gas and water vapor



Liquid ethanol plus oxygen gas yields carbon dioxide gas and water vapor



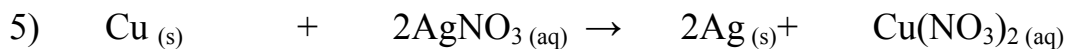
Solid ammonium dichromate yields solid chromium (III) oxide, nitrogen gas, and water vapor



Ammonia gas plus oxygen gas yields nitrogen monoxide gas and water vapor



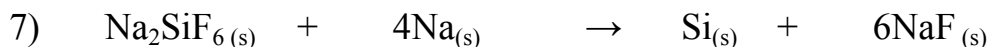
Solid calcium carbonate plus aqueous hydrochloric acid yields aqueous calcium chloride, carbon dioxide gas, and water vapor



Solid copper metal plus aqueous silver nitrate yields solid silver metal plus aqueous copper (II) nitrate



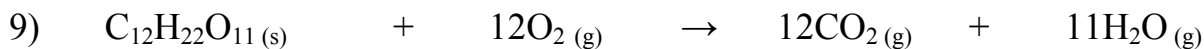
Liquid silicon tetrachloride plus solid magnesium metal yields solid silicon plus solid magnesium chloride



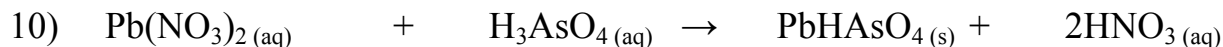
Solid sodium hexafluoroarsate plus solid sodium metal yields solid silicon plus solid sodium fluoride



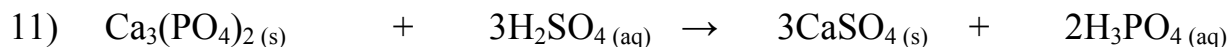
Liquid benzene plus oxygen gas yields carbon dioxide gas plus water vapor



Solid sucrose plus oxygen gas yields carbon dioxide gas plus water vapor



Aqueous lead (II) nitrate plus aqueous hydrogen arsenate yields solid lead (II) hydrogen arsenate plus aqueous nitric acid



Solid calcium phosphate plus aqueous sulfuric acid yields solid calcium sulfate and aqueous phosphoric acid