

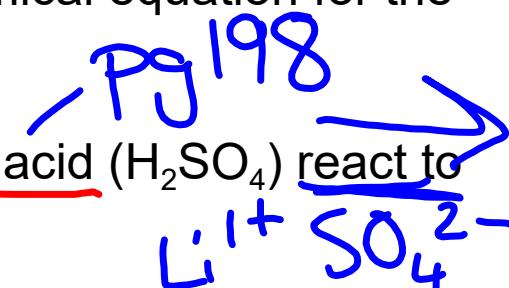
May 9, 2019

Answers word equation worksheet
more practice writing word and chemical equations

Warm - Up

Write the word equation and chemical equation for the following:

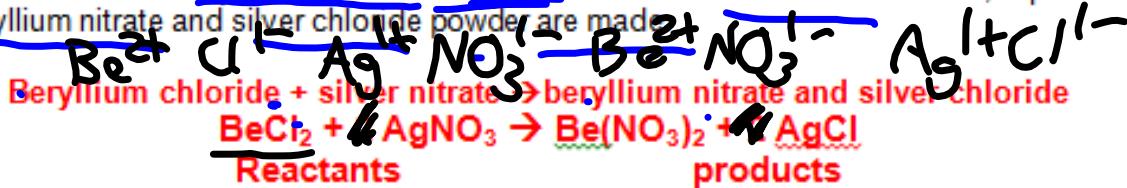
1. ~~Lithium hydroxide and sulfuric acid (H_2SO_4) react to form lithium sulfate and water.~~



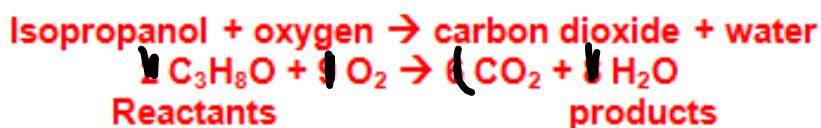
$LiOH + H_2SO_4 \Rightarrow Li_2SO_4 + H_2O$ (word eqn)



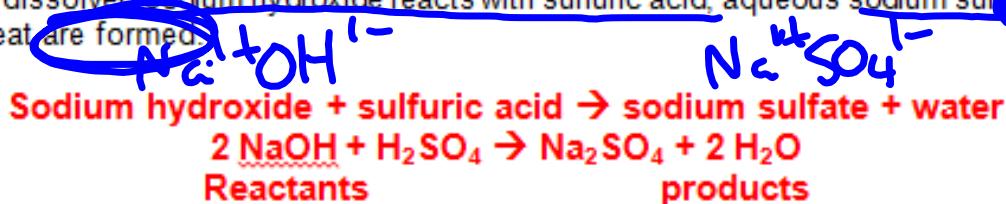
- 1) When dissolved beryllium chloride reacts with dissolved silver nitrate in water, aqueous beryllium nitrate and silver chloride powder are made.



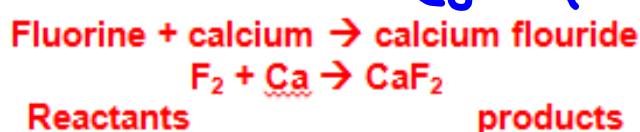
- 2) When isopropanol ($\text{C}_3\text{H}_8\text{O}$) burns in oxygen, carbon dioxide, water, and heat are produced.



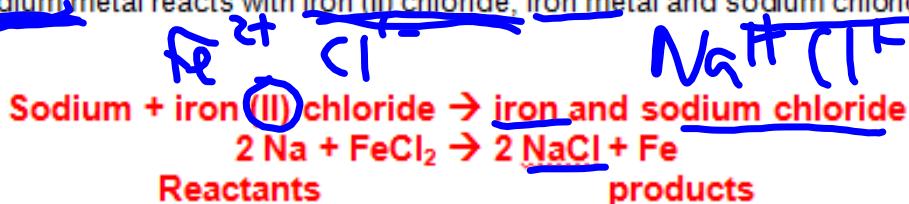
- 3) When dissolved sodium hydroxide reacts with sulfuric acid, aqueous sodium sulfate, water, and heat are formed.



- 4) When fluorine gas is put into contact with calcium metal at high temperatures, calcium fluoride powder is created in an exothermic reaction.



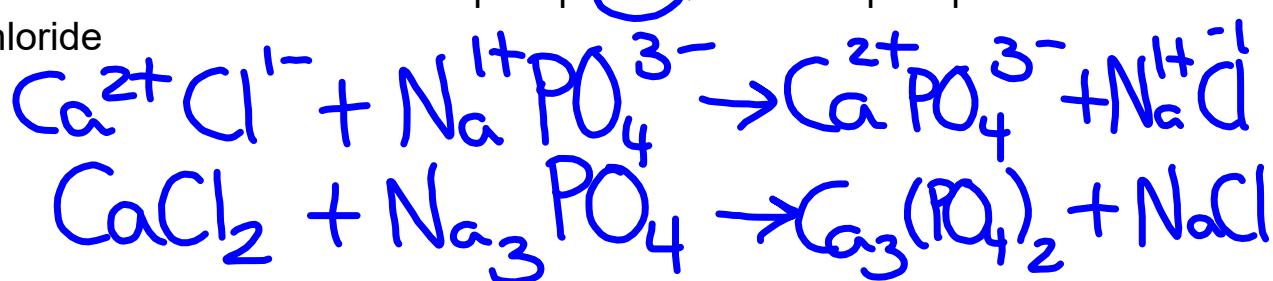
- 5) When sodium metal reacts with iron (II) chloride, iron metal and sodium chloride are formed.



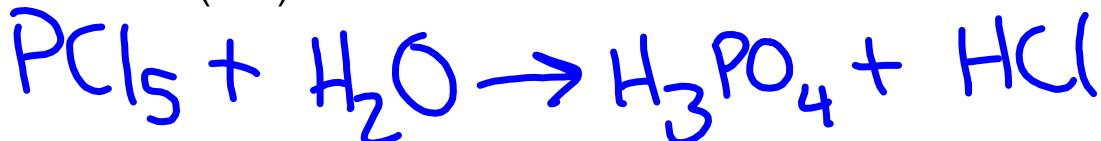
More Examples Word/Chemical Equations

Write the chemical equations for the following:

- 1) calcium chloride + sodium phosphate \Rightarrow calcium phosphate + sodium chloride



- 2) phosphorous pentachloride + water \Rightarrow phosphoric acid (H_3PO_4) + hydrochloric acid (HCl)



- 3) hydrogen + tin (IV) oxide = tin + water



Writing Chemical Equations WS