

Equations Worksheet

Write a balanced equation for each of the following chemical reactions:

- 1) When dissolved beryllium chloride reacts with dissolved silver nitrate in water, aqueous beryllium nitrate and silver chloride powder are made.
- 2) When isopropanol (C_3H_8O) 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.
- 6) When cupric sulfate pentahydrate is heated water and cupric sulfate are formed.
- 7) When Vanadium is combusted Vanadium (IV) oxide is created.
- 8) When Oxygen gas and Nitrogen gas are put in contact under high pressure dinitrogen pentoxide is formed.
- 9) In single displacement reaction occurs between Nickle (III) Chloride and solid Strontium metal.