**Writing Complete Equations Quiz**

*Write the complete, balanced equations for the following chemical reactions. (5 pt ea)*

1. When iron chunks are placed in an aqueous solution of silver nitrate (AgNO3), a solution of iron (III) nitrate ( Fe(NO3)2 ) - and metallic silver are formed.
2. If solid glucose (C12H22O11) is heated with oxygen gas (O2), CO2 gas and water in the form of steam are formed in a reaction that gives off a lot of heat.
3. If solid iron (III) bicarbonate ( Fe(HCO3)3 )is heated at a temperature of 1200° Celsius, carbon dioxide gas (CO2), gaseous water, and solid iron (III) oxide (Fe2O3) are formed. This reaction gives off a great deal of heat.
4. When solid boron is compressed with nitrogen gas (N2) at very high temperatures, boron nitride (BN) crystals are formed.
5. When liquid hydrogen peroxide (H2O2) is allowed to sit on a shelf for a long period of time, hydrogen gas (H2) and oxygen gas (O2) are formed.