**Writing Complete Equations Quiz**

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

1. When iron metal is placed in an aqueous solution of silver nitrate, iron (III) nitrate and silver are formed.
2. If solid glucose (C12H22O11) is heated in the presence of oxygen, carbon dioxide and steam are formed in a highly exothermic reaction.
3. If solid iron (III) bicarbonate is heated at a temperature of 1200° Celsius, carbon dioxide, water, and iron (III) oxide are formed in a flaming ball of chemicals.
4. When boron is compressed with nitrogen gas at very high temperatures and pressures, boron nitride crystals are formed. It is not thought that this reaction is exothermic or endothermic.
5. When liquid hydrogen peroxide (H­2O2) is placed into contact with sand, hydrogen and oxygen are formed.