Balancing Chemical Equations and Identifying Reaction Types

*Balance the following Equations and determine what type of chemical reaction is taking place. If the coefficient in the blank should be 1 please place the number 1 in the blank.

1. _____H_2 + _____O_2 → _____H_2O

   Type of Reaction:

2. _____CH_4 + _____O_2 → _____CO + _____H_2O

   Type of Reaction:

3. _____FeS + _____O_2 → _____Fe_2O_3 + _____SO_2

   Type of Reaction:

4. _____N_2 + _____H_2 → _____NH_3

   Type of Reaction:

5. _____H_2SO_4 + _____Fe → _____$Fe_2(SO_4)_3$ + _____H_2

   Type of Reaction:

6. _____$C_6H_{12}O_6$ → _____C + _____H_2O

   Type of Reaction:

7. _____Al + _____HCl → _____$AlCl_3$ + _____H_2

   Type of Reaction:

8. _____AgI + _____Na_2S → _____Ag_2S + _____NaI

   Type of Reaction:

LIVEWORKSHEETS