Balancing Chemical Equations Worksheet 1

Name _____ Grade ____ Date ____

1)__N₂ + __H₂
$$\rightarrow$$
 __NH₃

2)
$$_H_2 + _O_2 \rightarrow _H_2O$$

3) __NaCl + __F₂
$$\rightarrow$$
 __NaF + __Cl₂

4)
$$_Ag_2O \rightarrow _Ag + _O_2$$

5)
$$\underline{\hspace{0.1cm}}$$
 Zn + $\underline{\hspace{0.1cm}}$ HCl \rightarrow $\underline{\hspace{0.1cm}}$ ZnCl₂ + $\underline{\hspace{0.1cm}}$ H₂

6) __Fe + __O₂
$$\rightarrow$$
 __Fe₂O₃

7)
$$_$$
HgO \rightarrow $_$ Hg + $_$ O₂

8)
$$\underline{\hspace{1cm}}$$
 K + $\underline{\hspace{1cm}}$ Cl₂ \rightarrow KCl

9)
$$_CH_4 + _O_2 \rightarrow _CO_2 + _H_2O$$

10) __Al + __O₂
$$\rightarrow$$
 __Al₂O₃

11)
$$_$$
Al + $_$ HCl \rightarrow $_$ AlCl₃ + $_$ H₂

12)
$$_$$
AgF + $_$ CaCl₂ \rightarrow $_$ AgCl + $_$ CaF₂

13)
$$_KCIO_3 \rightarrow _KCI + _O_2$$

14)
$$_CO_2 + _H_2O \rightarrow _C_6H_{12}O_6 + _O_2$$

15) __Na + __H
$$_2$$
O \rightarrow __NaOH + __H $_2$