BALANCING EQUATIONS 1

1) 2 Ca +
$$O_2 \rightarrow$$
 2 CaO

2)
$$Na_2O + H_2O \rightarrow 2 NaOH$$

3) 4 Al + 3
$$O_2 \rightarrow$$
 2 Al₂ O_3

4) 2 Na +
$$Cl_2 \rightarrow 2 NaCl$$

5)
$$Na_2CO_3 \rightarrow Na_2O + CO_2$$

6) 4 K +
$$O_2 \rightarrow 2 K_2 O$$

7)
$$C_4H_8 + 6O_2 \rightarrow 4CO_2 + 4H_2O$$

8)
$$Fe_2O_3 + 6HCI \rightarrow 2FeCl_3 + 3H_2O$$

9)
$$F_2 + 2 KBr \rightarrow 2 KF + Br_2$$

$$10) \hspace{1cm} C_5H_{12} \hspace{0.2cm} + \hspace{0.2cm} {\color{red} 8} \hspace{0.1cm} O_2 \hspace{0.2cm} \rightarrow \hspace{0.2cm} {\color{red} 5} \hspace{0.1cm} CO_2 \hspace{0.2cm} + \hspace{0.2cm} {\color{red} 6} \hspace{0.1cm} H_2O$$

11) 4 NH₃ +
$$5 O_2 \rightarrow 4 NO + 6 H_2O$$

12) 4 HNO₃
$$\rightarrow$$
 4 NO₂ + 2 H₂O + O₂