CHEMICAL REACTIONS

CLASSIC

Reactions

Date:

Complete and balance the following decomposition reactions.

1 -	Ag_2O	+	Heat	$\rightarrow$
2 -	$Ba(OH)_2$	+	Heat	$\rightarrow$
3 -	$BaCO_3$	+	Heat	$\rightarrow$
4 -	BaO_2	+	Heat	$\rightarrow$
5 -	$BeCO_3$	+	Heat	$\rightarrow$
6 -	BeO_2	+	Heat	$\rightarrow$
7 -	$Ca(OH)_2$	+	Heat	$\rightarrow$
8 -	$CaCO_3$	+	Heat	$\rightarrow$
9 -	CaO_2	+	Heat	$\rightarrow$
10 -	H_2O_2	+	Heat	$\rightarrow$
11 -	H_2SO_4	+	Heat	$\rightarrow$
12 -	HgO	+	Heat	$\rightarrow$
13 -	K_2CO_3	+	Heat	$\rightarrow$
14 -	K_2O_2	+	Heat	$\rightarrow$
15 -	$KClO_3$	+	Heat	$\rightarrow$
16 -	$KHCO_3$	+	Heat	$\rightarrow$
17 -	Li_2CO_3	+	Heat	$\rightarrow$
18 -	Li_2O_2	+	Heat	$\rightarrow$
19 -	$LiClO_3$	+	Heat	$\rightarrow$
20 -	$LIHCO_3$	+	Heat	$\rightarrow$
21 -	$Mg(OH)_2$	+	Heat	$\rightarrow$
22 -	$MgCO_3$	+	Heat	$\rightarrow$
23 -	Na_2CO_3	+	Heat	$\rightarrow$
24 -	Na_2O_2	+	Heat	$\rightarrow$
25 -	$NaClO_3$	+	Heat	$\rightarrow$
26 -	$NaHCO_3$	+	Heat	$\rightarrow$
27 -	$NaOH$	+	Heat	$\rightarrow$
28 -	Rb_2CO_3	+	Heat	$\rightarrow$
29 -	$SrCO_3$	+	Heat	$\rightarrow$

Complete and balance the following combination reactions.

1 -	C	+	O_2	$\rightarrow$
2 -	C_2H_2	+	O_2	$\rightarrow$
3 -	C_2H_5OH	+	O_2	$\rightarrow$
4 -	$C_6H_{12}O_6$	+	O_2	$\rightarrow$
5 -	Ca	+	O_2	$\rightarrow$
6 -	$CaO_{(s)}$	+	$SO_{3(g)}$	$\rightarrow$
7 -	CO	+	O_2	$\rightarrow$
8 -	$Fe_{(s)}$	+	$S_{(s)}$	$\rightarrow$
9 -	$H_{2(g)}$	+	$O_{2(g)}$	$\rightarrow$
10 -	$H_{2(g)}$	+	$Cl_{2(g)}$	$\rightarrow$
11 -	$K_2O_{(s)}$	+	$H_2O_{(l)}$	$\rightarrow$
12 -	Li	+	O_2	$\rightarrow$
13 -	Mg	+	O_2	$\rightarrow$
14 -	$N_{2(g)}$	+	$H_{2(g)}$	$\rightarrow$
15 -	Na	+	S	$\rightarrow$
16 -	$Na_{(s)}$	+	$Cl_{2(g)}$	$\rightarrow$
17 -	NO	+	O_2	$\rightarrow$
18 -	$SO_{2(g)}$	+	$H_2O_{(l)}$	$\rightarrow$
19 -	Zn	+	S	$\rightarrow$