Name: Period:

Balancing Equations TEST

Mild

1. ___Na + O_2 → ___Na_2O

Na-	Na-
O-	O-

2. Mg + ___HCl → $MgCl_2$ + H_2

Mg-	Mg-
H-	H-
Cl-	Cl-

3. ___K + Cl_2 → ___KCl

K-	K-
Cl-	Cl-

4. ___Ca + O_2 → ___CaO

Ca-	Ca-
O-	O-

LIVEWORKSHEETS

5. ___Mg + O_2 → ___MgO

Mg- O-	Mg- O-

6. ___Na + Cl_2 → ___NaCl

Na- Cl-	Na- Cl-

Medium

1. ___Na + MgF_2 → __NaF + Mg

Na- Mg- F-	Na- Mg- F-

LIVEWORKSHEETS

2. ___Na + ___HCl → H_2 + ___NaCl

Na-	Na-
H-	H-
Cl-	Cl-

3. N_2 + ___H_2 → ___NH_3

N-	N-
H-	H-

4. ___Cs + N_2 → ___Cs_3N

Cs-	Cs-
N-	N-

Spicy

1. H_3PO_4 + ___KOH → K_3PO_4 + ___H_2O

H-	H-
P-	P-
0-	0-
K-	K-

LIVEWORKSHEETS

2. ___$NaOH$ + H_2CO_3 → Na_2CO_3 + __H_2O

H-	H-
P-	P-
0-	0-
K-	K-

3. $Al(OH)_3$ + ___HBr → $AlBr_3$ + ___H_2O

Al-	Al-
O-	O-
H-	H-
Br-	Br-

LIVEWORKSHEETS