Chemistry Activity – Balancing Chemical Reactions – Form 1B ©

NAME: _____ DATE _____ PERIOD ____

To answer each of the following 15 questions, you have to select the appropriate chemical reaction products from the list at the bottom of the page. On the space provided on the left side of each set of reactants, you just need to write the letter of the alphabet located next to the correct products. Please balance each reaction, and indicate what type it is.

1. _____ ___FeS_2 + ___O_2 →
2. _____ ___P_4O_{10} + ___H_2O →
3. _____ ___HCl + ___K_2CO_3 →
4. _____ ___N_2O_5 + ___H_2O →
5. _____ ___$(NH_4)_2Cr_2O_7$ →
6. _____ ___Ag + ___$Cu(NO_3)_2$ →
7. _____ ___$Al(OH)_3$ + ___HBr →
8. _____ ___BaS + ___PtF_2 →
9. _____ ___$LiNO_3$ + ___$CaBr_2$ →
10. _____ ___$C_7H_6O_2$ + ___O_2 →
11. _____ ___C_6H_5Cl + ___$SiCl_4$ + ___Na →
12. _____ ___$Al(NO_3)_3$ + ___Ga →
13. _____ ___$Mg(OH)_2$ + ___H_3PO_4 →
14. _____ ___CaO + ___Li_2Se →
15. _____ ___K_2SO_4 + ___$BaCl_2$ →

LIST OF CHEMICAL REACTIONS PRODUCTS

A- ___$(C_6H_5)_4Si$ + ___NaCl
B- ___$AgNO_3$ + ___Cu
C- ___$AlBr_3$ + ___H_2O
D- ___BaF_2 + ___PtS
E- ___$Ca(NO_3)_2$ + ___LiBr
F- ___$CaSe_2$ + ___Li_2O
G- ___CO_2 + ___H_2O + ___KCl
H- ___CO_2 + ___H_2O
I- ___Cr_2O_3 + ___N_2 + ___H_2O
J- ___Fe_2O_3 + ___SO_2
K- ___$Ga(NO_3)_3$ + ___Al
L- ___H_2O + ___$Mg_3(PO_4)_2$
M- ___H_3PO_4
N- ___HNO_3
O- ___KCl + ___$BaSO_4$

Answer Key

1 - J	2 - M	3 - G	4 - N
5 - I	6 - B	7 - C	8 - D
9 - E	10 - H	11 - A	12 - K
13 - L	14 - F	15 - O	

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