**Name of the Student** :

**Course Name** : CHEM100- Chemistry for Engineers

**Course Instructor** : Mr. Christopher Welbourne B. Ferrer

**BALANCING CHEMICAL EQUATIONS WORKSHEET**

*Lecture Activity 2*

**Instructions:**

This activity is a handwritten activity. Print this worksheet and answer the following questions concisely and legibly.

1) \_\_\_\_ Na3PO4 + \_\_\_\_ KOH 🡪 \_\_\_\_ NaOH + \_\_\_\_ K3PO4

2) \_\_\_\_ MgF2 + \_\_\_\_ Li2CO3 🡪 \_\_\_\_ MgCO3 + \_\_\_\_ LiF

3) \_\_\_\_ P4 + \_\_\_\_ O2 🡪 \_\_\_\_ P2O3

4) \_\_\_\_ RbNO3 + \_\_\_\_ BeF2 🡪 \_\_\_\_ Be(NO3)2 + \_\_\_\_ RbF

5) \_\_\_\_ AgNO3 + \_\_\_\_ Cu 🡪 \_\_\_\_ Cu(NO3)2 + \_\_\_\_ Ag

6) \_\_\_\_ CF4 + \_\_\_\_ Br2 🡪 \_\_\_\_ CBr4 + \_\_\_\_ F2

7) \_\_\_\_ HCN + \_\_\_\_ CuSO4 🡪 \_\_\_\_ H2SO4 + \_\_\_\_ Cu(CN)2

8) \_\_\_\_ GaF3 + \_\_\_\_ Cs 🡪 \_\_\_\_ CsF + \_\_\_\_ Ga

9) \_\_\_\_ BaS + \_\_\_\_ PtF2 🡪 \_\_\_\_ BaF2 + \_\_\_\_ PtS

10) \_\_\_\_ N2 + \_\_\_\_ H2 🡪 \_\_\_\_ NH3

11) \_\_\_\_ NaF + \_\_\_\_ Br2 🡪 \_\_\_\_ NaBr + \_\_\_\_ F2

12) \_\_\_\_ Pb(OH)2 + \_\_\_\_ HCl 🡪 \_\_\_\_ H2O + \_\_\_\_ PbCl2

13) \_\_\_\_ AlBr3 + \_\_\_\_ K2SO4 🡪 \_\_\_\_ KBr + \_\_\_\_ Al2(SO4)3

14) \_\_\_\_ CH4 + \_\_\_\_ O2 🡪 \_\_\_\_ CO2 + \_\_\_\_ H2O

15) \_\_\_\_ Na3PO4 + \_\_\_\_ CaCl2 🡪 \_\_\_\_ NaCl + \_\_\_\_ Ca3(PO4)2