Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

**“Yikes” Balancing! Worksheet B**

Part 1 Instructions: *Show all work (RAP Tables) on a separate sheet of paper and attach to this handout.*

1. \_\_\_\_\_ C2H5OH + \_\_\_\_\_ O2 🡪 \_\_\_\_\_ CO2 + \_\_\_\_\_ H2O
2. \_\_\_\_\_ S8 + \_\_\_\_\_ O2 + \_\_\_\_\_ H2O 🡪 \_\_\_\_\_ H2SO4
3. \_\_\_\_\_ Ca(OH)2 + \_\_\_\_\_ H3PO4 🡪 \_\_\_\_\_ Ca3(PO4)2 + \_\_\_\_\_ H2O
4. \_\_\_\_\_ (NH4)3N + \_\_\_\_\_ Cr(CrO4)2 🡪 \_\_\_\_\_ (NH4)2CrO4 + \_\_\_\_\_ Cr3N4
5. \_\_\_\_\_ Cu3(PO4)2 + \_\_\_\_\_ Na2SO4 🡪 \_\_\_\_\_ Na3PO4 + \_\_\_\_\_ CuSO4
6. \_\_\_\_ Cu + \_\_\_\_ HNO3 🡪 \_\_\_\_ Cu(NO3)2 + \_\_\_\_ NO + \_\_\_\_ H2O
7. \_\_\_\_ S    +   \_\_\_\_ HNO3   🡪   \_\_\_\_ H2SO4   +    \_\_\_\_ NO2  +  \_\_\_\_ H2O

Part 2 Instructions: Write chemical formulas/chemical equations for the following word equations. THEN BALANCE. *Show all work (RAP Tables) on a separate sheet of paper and attach to this handout.*

1. Aluminum hydroxide + sodium nitrate 🡪 aluminum nitrate + sodium hydroxide
2. Calcium carbonate 🡪 Calcium oxide + carbon dioxide
3. Beryllium fluoride + magnesium 🡪 magnesium fluoride + beryllium
4. Sodium bicarbonate 🡪 sodium carbonate + carbon dioxide + water
5. Potassium chloride + silver (I) sulfate 🡪 potassium sulfate + silver (I) chloride