

**TS Tuition Chem - Balancing Equations Hwk #2**

- 1) \_\_\_\_ NaF + \_\_\_\_ Br<sub>2</sub> → \_\_\_\_ NaBr + \_\_\_\_ F<sub>2</sub>
- 2) \_\_\_\_ Pb(OH)<sub>2</sub> + \_\_\_\_ HCl → \_\_\_\_ H<sub>2</sub>O + \_\_\_\_ PbCl<sub>2</sub>
- 3) \_\_\_\_ AlBr<sub>3</sub> + \_\_\_\_ K<sub>2</sub>SO<sub>4</sub> → \_\_\_\_ KBr + \_\_\_\_ Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>
- 4) \_\_\_\_ CH<sub>4</sub> + \_\_\_\_ O<sub>2</sub> → \_\_\_\_ CO<sub>2</sub> + \_\_\_\_ H<sub>2</sub>O
- 5) \_\_\_\_ Na<sub>3</sub>PO<sub>4</sub> + \_\_\_\_ CaCl<sub>2</sub> → \_\_\_\_ NaCl + \_\_\_\_ Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>
- 6) \_\_\_\_ K + \_\_\_\_ Cl<sub>2</sub> → \_\_\_\_ KCl
- 7) \_\_\_\_ Al + \_\_\_\_ HCl → \_\_\_\_ H<sub>2</sub> + \_\_\_\_ AlCl<sub>3</sub>
- 8) \_\_\_\_ N<sub>2</sub> + \_\_\_\_ F<sub>2</sub> → \_\_\_\_ NF<sub>3</sub>
- 9) \_\_\_\_ SO<sub>2</sub> + \_\_\_\_ Li<sub>2</sub>Se → \_\_\_\_ SSe<sub>2</sub> + \_\_\_\_ Li<sub>2</sub>O
- 10) \_\_\_\_ NH<sub>3</sub> + \_\_\_\_ H<sub>2</sub>SO<sub>4</sub> → \_\_\_\_ (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>