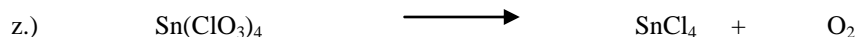
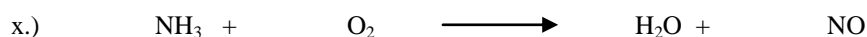
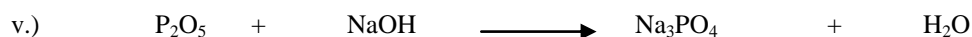
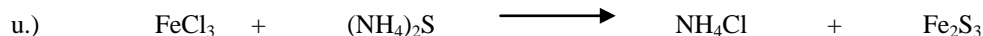
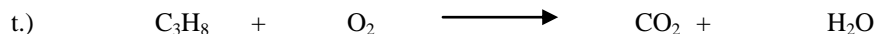
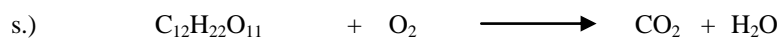
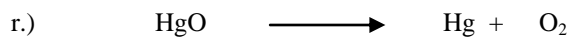
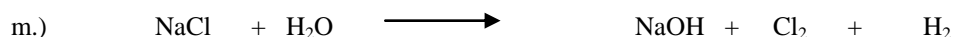
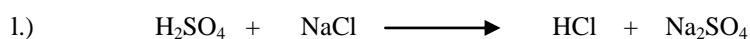
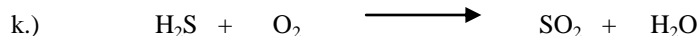
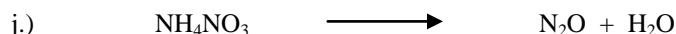
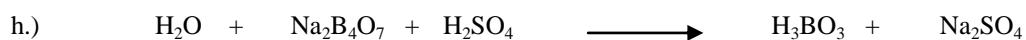
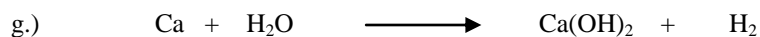
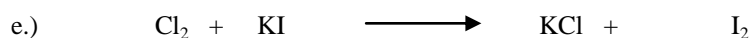


Name: _____

Chemistry Practice: Balancing Chemical Equations

1. Balance the equations below. Remember this means only using coefficients. All formulas are written correctly.



Balance these word equations:

- a.) carbon dioxide + water + sodium chloride + ammonia \longrightarrow sodium bicarbonate + ammonium chloride
- b.) carbon monoxide + hydrogen \longrightarrow CH₃OH
- c.) iron + oxygen \longrightarrow iron(II) oxide
- d.) iron + oxygen \longrightarrow iron(III) oxide
- e.) ammonium dichromate \longrightarrow chromium(III) oxide + nitrogen + water
- f.) potassium chlorate \longrightarrow potassium chloride + oxygen
- g.) ammonia + hydrochloric acid (HCl) \longrightarrow ammonium chloride
- h.) sodium + chlorine \longrightarrow sodium chloride
- i.) hydrogen sulfide + lead(II) nitrate \longrightarrow lead(II) sulfide + nitric acid (HNO₃)
- j.) potassium iodide + water \longrightarrow hydrogen + iodine + potassium hydroxide
- k.) magnesium + oxygen \longrightarrow magnesium oxide
- l.) lead(II) sulfide + oxygen \longrightarrow lead(II) oxide + sulfur dioxide
- m.) calcium + water \longrightarrow calcium hydroxide + hydrogen