

Name

Key Schleder

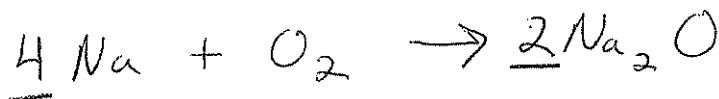
Date

Hour

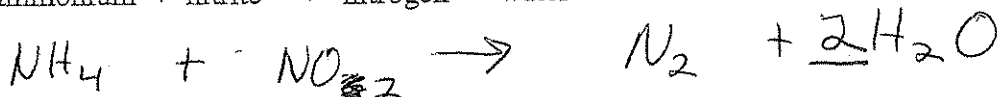
Practice With Writing Chemical Equations

PART A - Write the proper formulas for the equations below and balance them by placing the correct whole number coefficients in front of each formula.

1. sodium + oxygen \rightarrow sodium oxide



2. ammonium + nitrite \rightarrow nitrogen + water

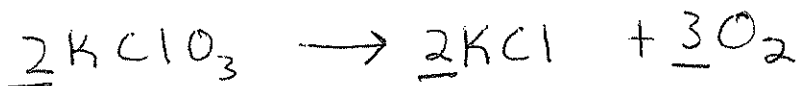


3. sodium + oxygen \rightarrow sodium peroxide

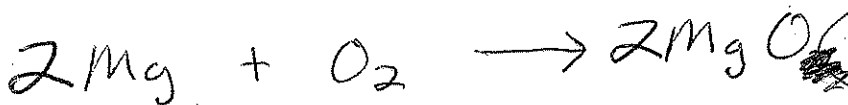


\uparrow whoops... I couldn't balance this and I realized I wrote down the wrong formula!

4. potassium chlorate \rightarrow potassium chloride + oxygen



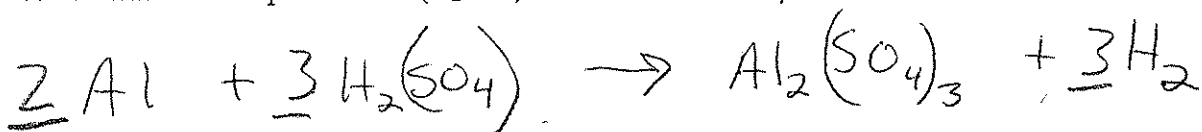
5. magnesium + oxygen \rightarrow magnesium oxide



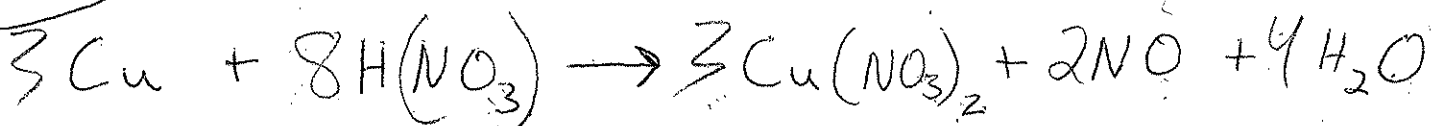
6. magnesium oxide + water \rightarrow magnesium hydroxide



7. aluminum + sulphuric acid (H_2SO_4) \rightarrow aluminum sulphate + hydrogen

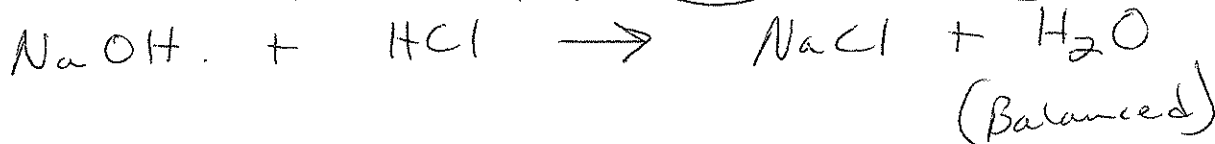


8. copper + nitric acid \rightarrow copper (II) nitrate + nitrogen monoxide + water



Typo

9. sodium hydroxide + hydrochloric acid (HCl) → ~~aluminum~~ Sodium chloride + ~~hydrogen~~ water



10. chlorine + carbon tetrahydride → hydrogen chloride + carbon tetrachloride



PART B - Balance the following equations by placing correct whole number coefficients in the blanks. Also identify what type of chemical reaction is occurring.

