



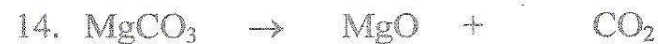
Name:

Date: ANSWER KEY

Period:

Chapter 7 Worksheet #2

Balance the following equations.



Write a balanced equation from the word equation given.

1. aluminum nitrate + sodium hydroxide $\rightarrow$ aluminum hydroxide + sodium nitrate



2. sulfur trioxide $\rightarrow$ sulfur dioxide + oxygen



3. phosphoric acid + magnesium hydroxide $\rightarrow$ magnesium phosphate + water



4. ammonium nitrite $\rightarrow$ nitrogen + water



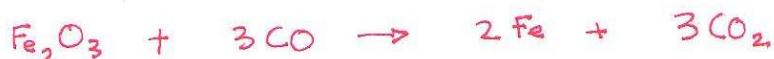
5. ammonia + oxygen $\rightarrow$ nitrogen(II) oxide + water



6. barium chloride + sodium sulfate $\rightarrow$ sodium chloride + barium sulfate



7. iron(III) oxide + carbon monoxide $\rightarrow$ iron + carbon dioxide



8. magnesium hydroxide + ammonium phosphate $\rightarrow$ magnesium phosphate + ammonia + water



9. aluminum + copper(II) chloride $\rightarrow$ aluminum chloride + copper



10. iron + silver acetate $\rightarrow$ iron(III) acetate + silver



11. magnesium bromide + chlorine $\rightarrow$ magnesium chloride + bromine



12. calcium oxide + hydrochloric acid $\rightarrow$ calcium chloride + water



13. potassium nitrate $\rightarrow$ potassium nitrite + oxygen

