**Equations - predicting products** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Predict the products and write the net ionic equation for the following:

1. SR zinc + sulfuric acid →

2. SR copper II + silver nitrate →

3. SR chlorine gas + sodium bromide →

4. SR zinc + silver chloride →

5. SR potassium + hydrogen hydroxide →

6. SR zinc + iron II nitrate →

7. SR Sodium iodide + chlorine gas →

8. SR hydrochloric acid + magnesium →

9. DR silver nitrate + sodium chloride →

10 DR sodium hydroxide + hydrochloric acid →

11. DR magnesium chloride + sodium hydroxide →

12. DR copper II chloride + potassium chromate →

13. DR lead II nitrate + zinc II chloride →

14. DR sodium hydroxide + phosphoric acid →

15. DR potassium sulfate + calcium chloride →

16. D sodium chloride →

17. S sodium metal + chlorine gas →

18. S iron III + oxygen gas →

Write the equations for the following:

19. Na2CO3 + Ca(OH)2 --->

20. BaCl2 + K2SO4 --->

21. AgNO3 + NaCl --->

22. MgCrO4 + Ba(OH)2 --->

23. Write and balance the combustion reaction for hexane. (C6H14)