

SCH3UI

Predicting Products Worksheet Review

On a separate piece of paper answer the following questions for each of the following examples:

- Identify the reaction type
- Write the word equation
- Write the balanced chemical equation

1. aluminum plus hydrochloric acid	20. calcium chloride plus ammonium hydroxide
2. calcium hydroxide plus nitric acid	21. sodium chloride plus potassium chromate
3. zinc chloride plus hydrogen sulfide	22. calcium carbonate plus hydrochloric acid
4. sodium chlorate (heated)	23. ammonium acetate plus iron (II) chloride
5. beryllium hydroxide + ammonium nitride	24. lead (II) hydroxide plus hydrochloric acid
6. iron (III) hydroxide plus phosphoric acid	25. potassium iodide plus ammonium nitrate
7. sodium plus nitric acid	26. lead plus tin (II) nitrate
8. copper plus sulfuric acid	27. chlorine plus lithium bromide
9. lead plus potassium chlorate	28. calcium plus oxygen
10. sodium sulfate plus barium chloride	29. magnesium carbonate plus phosphoric acid
11. oxygen plus sulfur	30. aluminum sulfite plus hydrochloric acid
12. mercury plus nitric acid	31. barium carbonate (heated)
13. propane (C ₃ H ₈) + oxygen (complete)	32. methane (CH ₄) + oxygen (complete)
14. chlorine plus bromine	33. sulfuric acid + sodium hydroxide
15. magnesium plus hydrochloric acid	34. hydrobromic acid + lithium hydroxide
16. mercury (II) oxide (heated)	35. calcium carbonate plus lithium chloride
17. ammonium phosphate plus potassium hydroxide	36. perchloric acid + barium hydroxide
18. strontium carbonate plus nitric acid	37. ammonium sulfide plus sodium hydroxide
19. calcium plus phosphoric acid	38. potassium plus fluorine