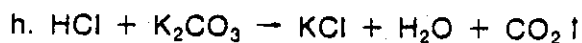
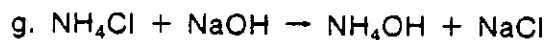
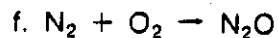
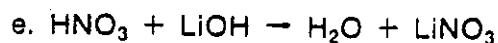
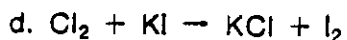
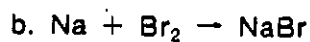


NAME _____ DATE _____

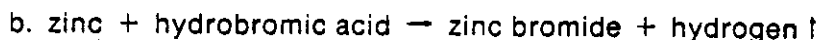
Equation Writing

Practice Problems (Level 1)

1. Balance each of the following equations.



2. Balance each of the following equations.

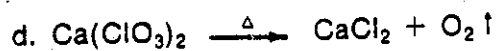
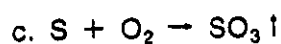
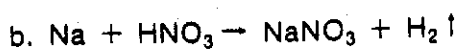
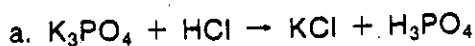


NAME _____ DATE _____

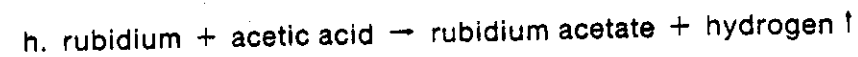
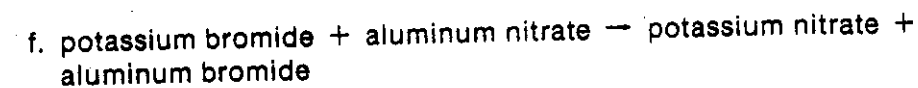
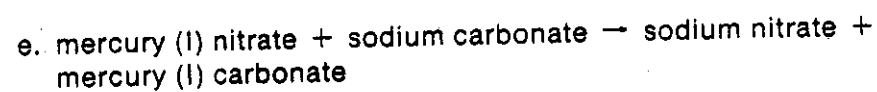
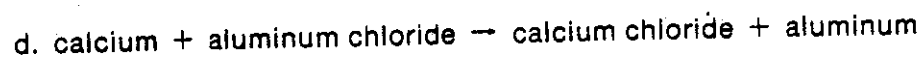
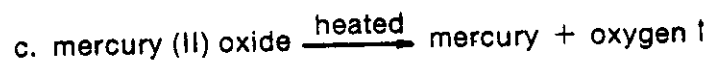
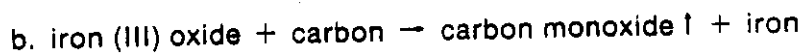
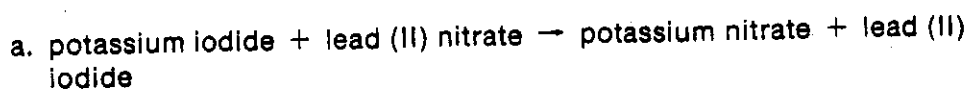
Equation Writing

Practice Problems (Level 2)

1. Balance each of the following equations.



2. Balance each of the following equations.



NAME _____ DATE _____

Equation Writing

Practice Problems (Level 3)

Write and balance chemical equations for each of the following reactions.

1. nitrogen + hydrogen \rightarrow ammonia \uparrow
2. butane (C_4H_{10}) + oxygen $\xrightarrow{\Delta}$ carbon dioxide \uparrow + water \uparrow
3. aluminum oxide \rightarrow aluminum + oxygen \uparrow
4. ethyl alcohol (C_2H_5OH) + oxygen $\xrightarrow{\Delta}$ carbon monoxide \uparrow + water \uparrow
5. nitrogen + oxygen \rightarrow dinitrogen pentoxide \uparrow
6. octane (C_8H_{18}) + oxygen $\xrightarrow{\Delta}$ carbon dioxide \uparrow + water \uparrow
7. aluminum sulfate + phosphoric acid \rightarrow aluminum phosphate + sulfuric acid
8. diphosphorus pentoxide + water \rightarrow phosphoric acid
9. ammonia + nitric oxide \rightarrow nitrogen \uparrow + water
10. iron (III) oxide + carbon monoxide \rightarrow iron + carbon dioxide \uparrow
11. copper + nitric acid \rightarrow copper (II) nitrate + nitric oxide \uparrow + water
12. iron (II) sulfide + oxygen \rightarrow iron (III) oxide + sulfur dioxide \uparrow