

Synthesis Reactions Practice 1.0 - Answer Key

- Objective:**
- Classify chemical reactions and predict the products.
 - Apply the Law of Conservation of Matter to balance chemical equations.

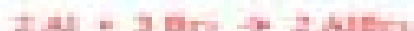
Directions: For each reaction below:

- Write the chemical equation, predicting the products if needed.
- Balance the chemical equation.

1. Calcium plus oxygen



2. Aluminum reacts with bromine liquid



3. Calcium oxide is combined with water to make calcium hydroxide



4. Chromium(VI) is heated and reacts with oxygen in the air



5. Aluminum plus oxygen gas



6. Sodium metal and iodine react



7. Aluminum oxide reacts with water to produce aluminum hydroxide



8. Water is produced by its component elements as they exist in nature.



Synthesis Reactions Answer Key

Greg Curran



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