Name\_

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## **Demonstration Worksheet**

## **Discussion Questions**

1. Describe what happened in this demonstration.

- 2. Write a balanced chemical equation for the combustion of isopropyl alcohol.
- 3. Calculate the volume of water you would expect to be produced by this reaction using the equation above. Remember, 20 mL of isopropyl alcohol with a density of 0.78 g/mL were used.

4. Why does this reaction occur faster when the alcohol is in the vapor phase rather than the liquid phase?

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