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## **Dynamic Duo Demonstration Worksheet**

## **Discussion Questions**

1. Draw a diagram of the set-up. Include all chemicals used. Which balloon was filled the fastest?

2. Write the chemical equation for the decomposition of hydrogen peroxide.

3. What is a catalyst?

4. Based on the results of this demonstration, what conclusion can we make about the catalysts Cu<sup>2+</sup> and Fe<sup>3+</sup>?

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