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Demonstration Worksheet

Upset Tummy? MOM to the Rescue!

Discussion Questions

1. Describe what happened in this demonstration.

2. Write the balanced chemical equation for each of the following reactions.

   a. Neutralization reaction between magnesium hydroxide and hydrochloric acid

   b. Dissociation of magnesium hydroxide

   c. Reaction between hydrogen ions from the acid and hydroxide ions from the base

3. Using LeChâtelier's Principle, explain why adding hydrochloric acid causes more magnesium hydroxide to dissolve in solution.

4. Explain why the solution is red and clear at the end of the demonstration.

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