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## Unexpected Precipitation Demonstration Worksheet

## **Discussion Questions**

1	Describe	what	hannened	in	this	demonstration
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2. Why is this demonstration an example of a discrepant event? Make sure to explain what you expected to happen, and why.

3. The solubility value of calcium acetate is about 37.4 g per 100 mL at 0 °C and about 29.7 g per 100 mL at 100 °C. How much solid do you think had precipitated out at 90 °C?

4. Why does calcium tend to leave hard water deposits on faucets and shower heads?