

Question: How can physical properties and solubility be used to identify a mystery sample?

Claim: Write a simple statement that answers the question. Make sure to use a complete sentence.

The rest of your response should **PROVE** your answer is correct.

Evidence - Include 3 specific pieces of evidence to support your answer.

Evidence 1	Evidence 2	Evidence 3

Reasoning - Explain WHY and HOW the evidence supports your answer to the question. Be sure to use relevant vocabulary to the topic and include scientific principles.

Reasoning 1	Reasoning 2	Reasoning 3