




Conservation of Mass Lab

Feb 2-12:15 PM


Question: How will changing the state of matter of a substance affect its mass?



Hypothesis # 1: _____

Feb 2-11:59 AM

Was your hypothesis # 1 supported? What is your evidence? Use QN data to support your answer.



Feb 10-9:11 PM

Question: How will changing the shape of matter affect its mass?

Hypothesis # 2: _____

Feb 10-9:18 PM

Was your hypothesis # 2 supported?
What is your evidence? Use QN data to support your answer.



Jan 26-3:51 PM

Open System: A system for which **BOTH** matter and energy can freely pass in and/or out of the system's boundaries.

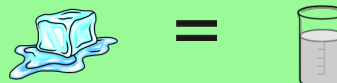
Jan 27-3:46 PM

Closed System: a system which mass can not cross its boundaries, but energy transfer is allowed. Since no mass flows in or out of the system, the mass of the closed system remains constant during a process.

Feb 10-9:28 PM

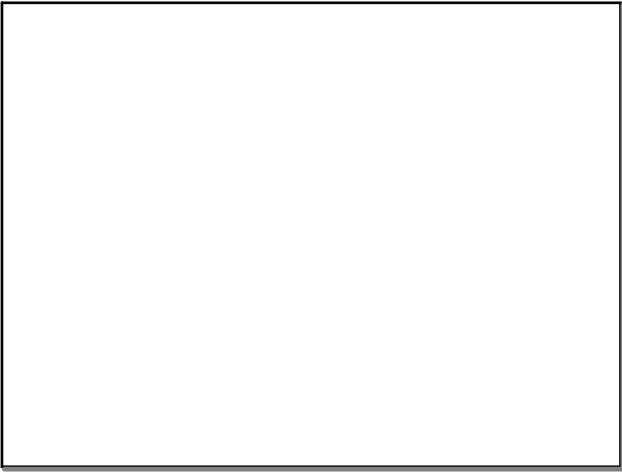
Conservation of Mass:

- the continuance of a physical quantity, such as mass, in the same amount during a physical change



In other words, the **mass** of an object never changes, no matter how the parts are rearranged.

Feb 2-1:15 PM



Feb 7-4:37 PM