

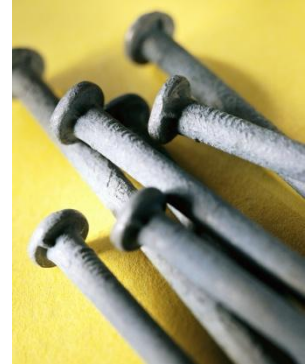
Experiments with Nails

GLE 0807.9.7 Explain the Law of Conservation of Mass.

GLE 0807.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Erica put a handful of wet, iron nails in a glass jar. She tightly closed the lid and set the jar aside. After a few weeks, she noticed that the nails inside the jar were rusty. Which sentence best describes what happened to the total mass of the sealed jar after the nails rusted?

- A. The mass of the jar and its contents increased.
- B. The mass of the jar and its contents decreased.
- C. The mass of the jar and its contents stayed the same.



Select the answer that best matches your thinking. Explain what happened to the mass before and after the nails rusted.

Richard wanted to know what would happen to the mass of nails placed on a damp paper towel. He also noted that the nails rusted. Explain what happen to the mass before and after the nails rusted.