

Name _____

Why Doesn't The Mass of a Rusted Nail Equal The Original Nail?

Open-Ended Response Questions

1. Why might someone be surprised to learn a rusty nail is heavier than before?
2. Can you think of another example where something gains matter from the air?
3. How could understanding rust help people take care of tools or buildings?
4. What would happen if we didn't have oxygen in the air? Would nails still rust?

