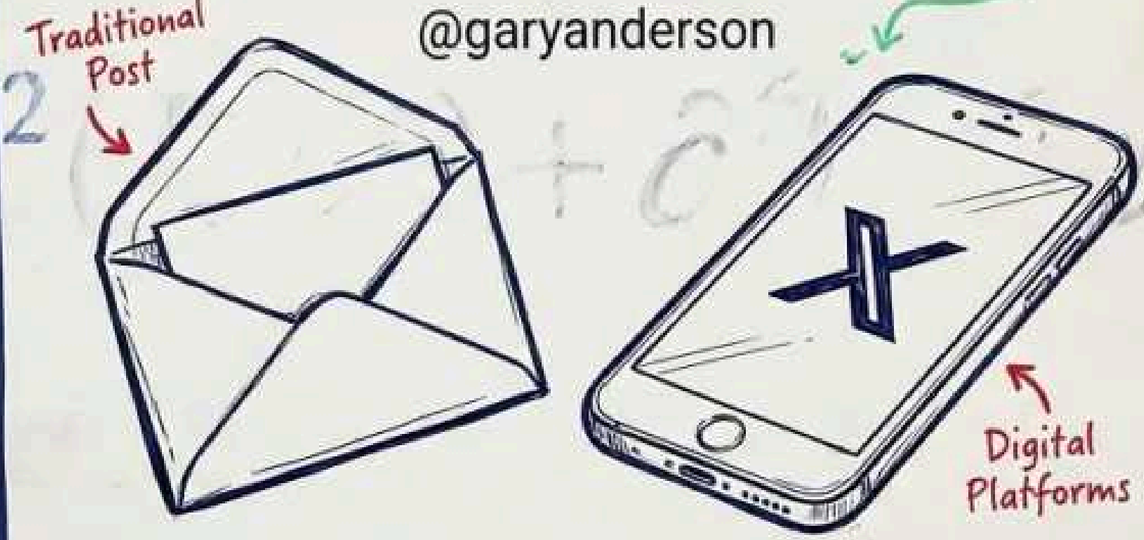
¶0.1

$$\hat{H}\psi = \quad = E\psi$$

Questions & Feedback Always Welcome

garyanderson@mail.grokbot.com ✓

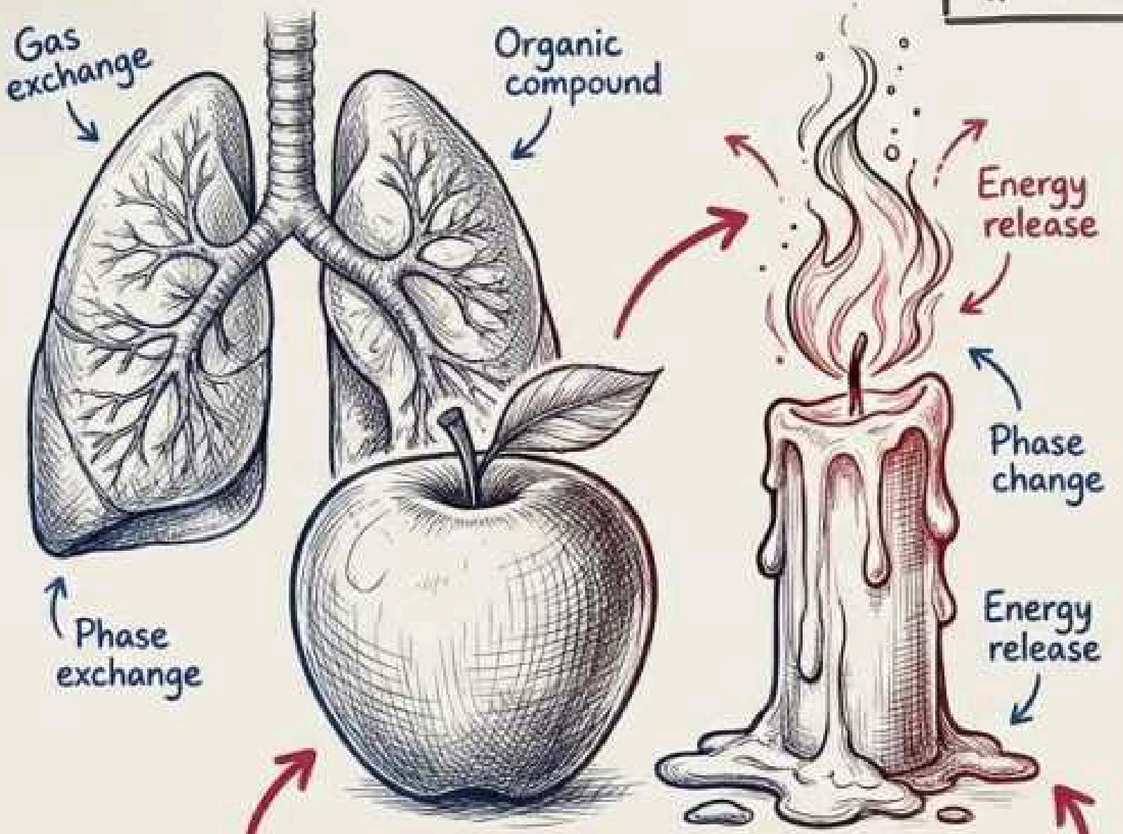
@garyanderson



CHEM 101 B
GENERAL CHEMISTRY ONE
ANDERSON ACADEMY

Anderson Academy: CHEM 101 B
(General Chemistry One)

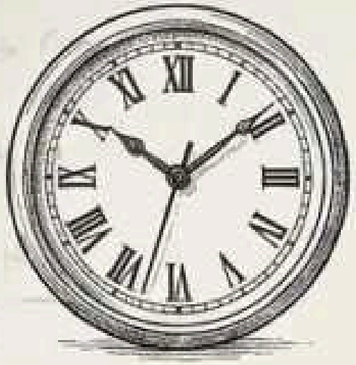
Free, university-level,
~1 hour total.



Chemistry = The study of matter & how it changes.

B is for Brief

¶ 0.3



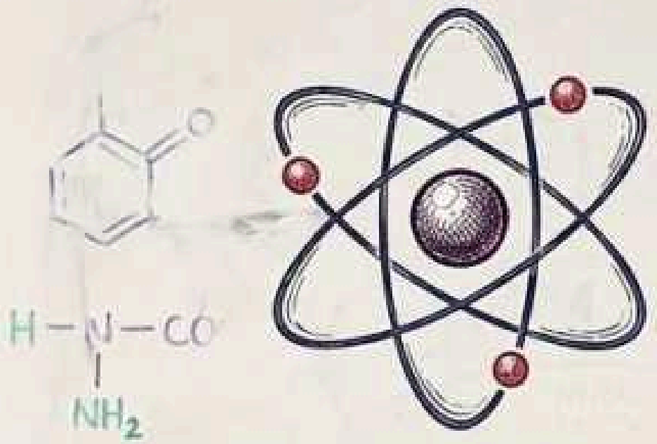
[Overview] → [6 Short Lectures] → [Final Assessments]

5-Question Quiz per lecture

50-Question Final Exam
+ 6-Question Tripos Paper
(with model answers)

Chemistry Topics Overview

¶ 0.4



Matter & Atom

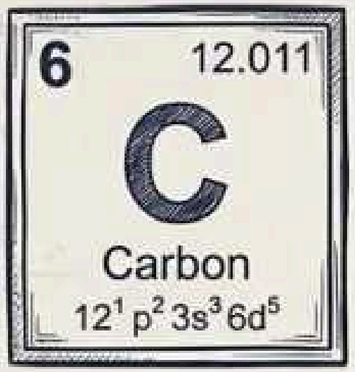
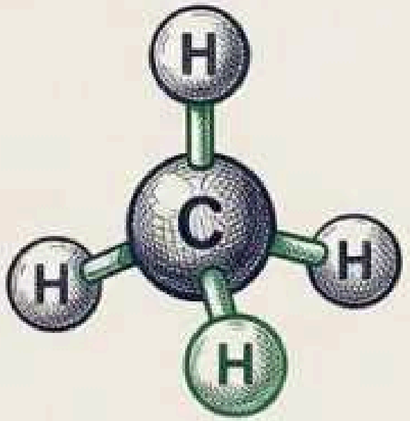
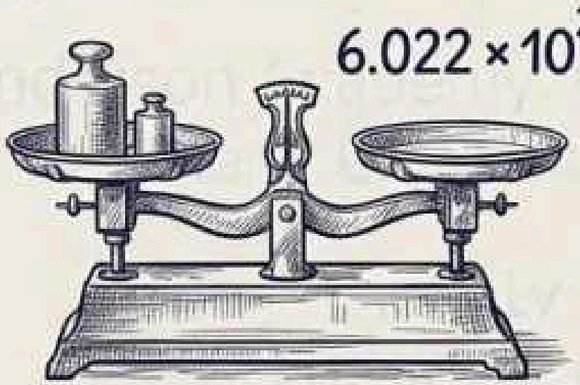


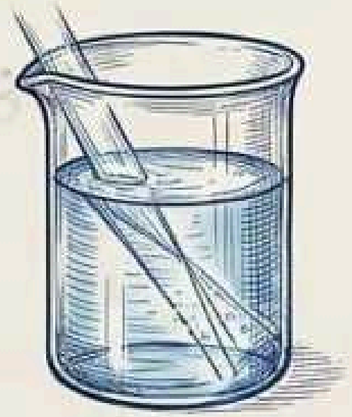
Table & Electrons



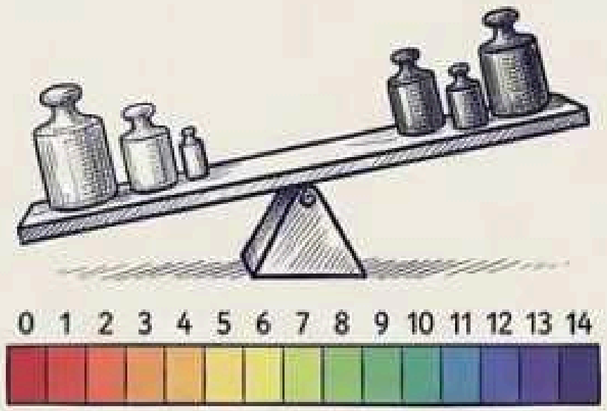
Bonding & Shapes



Mole & Reactions



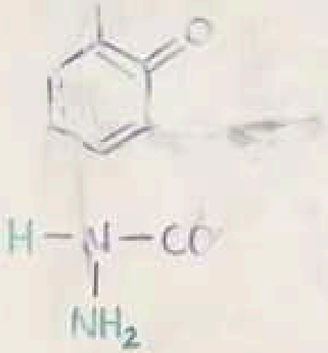
Gases & Solutions



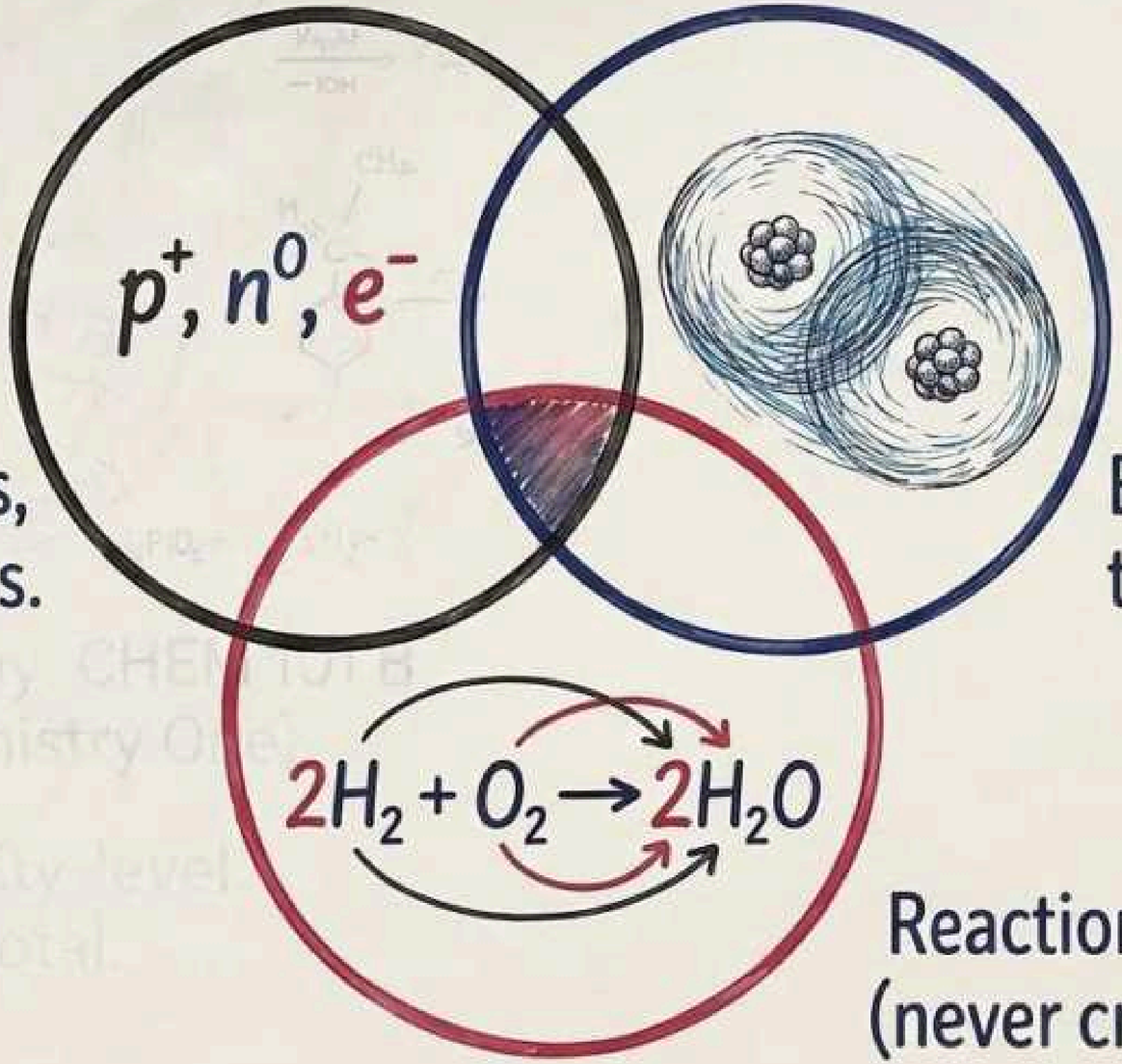
Energy, Eq & Acids-Bases

The Core Ideas

¶ 0.5



Atoms are protons, neutrons, electrons.

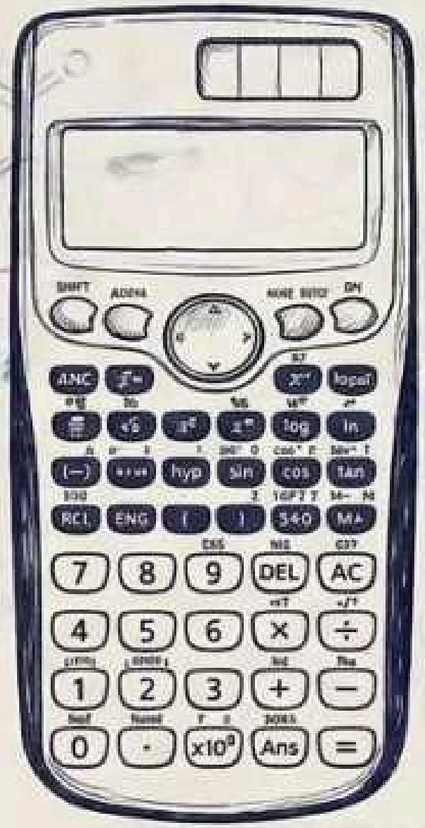


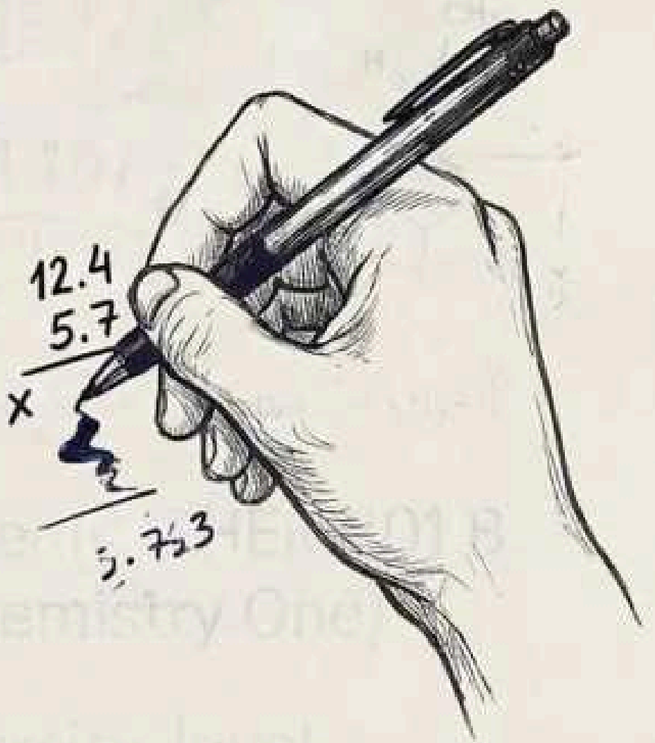
Electrons decide the bonds.

Reactions rearrange (never create/destroy).

¶0.6

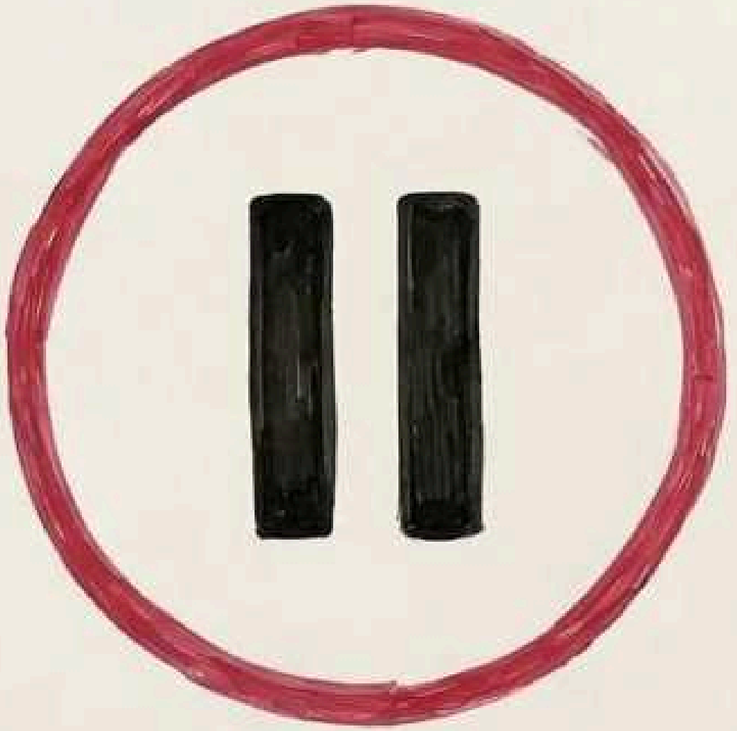
Tools





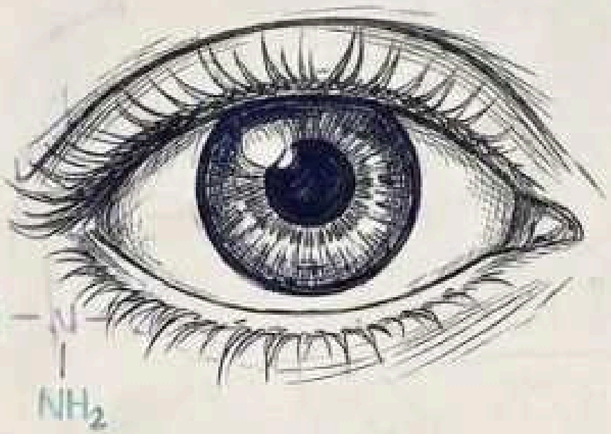
Arithmetic | Calculator | Writing

Habits



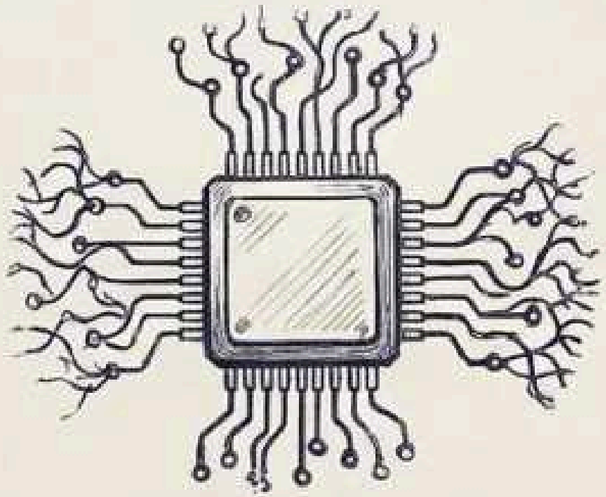
Pause video → *Try* calculation
→ Hear answer.

¶0.7



Directed by a Human Teacher.

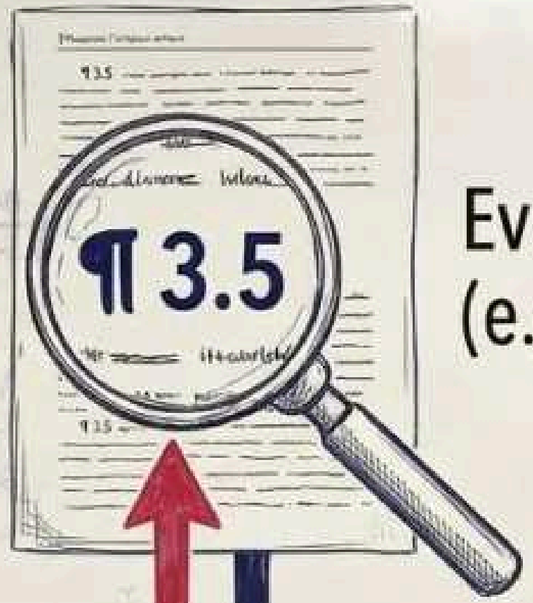
$$3\,Fe_{(s)} + 4\,H_2O_{(g)} \rightarrow Fe_3O_{4(s)} + 4\,H_{2(g)}$$



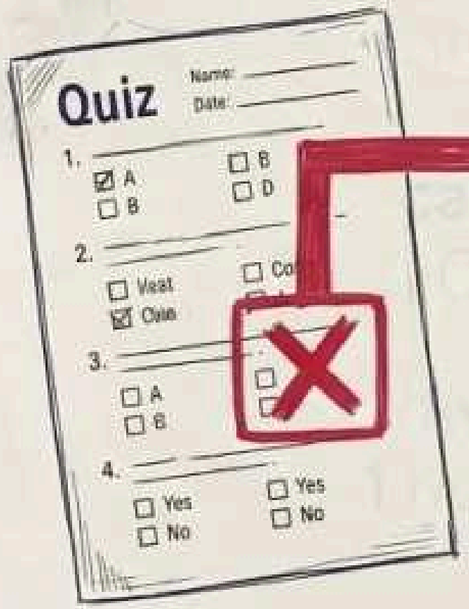
Developed with AI.

Every calculation 100% computer-verified.

¶0.8

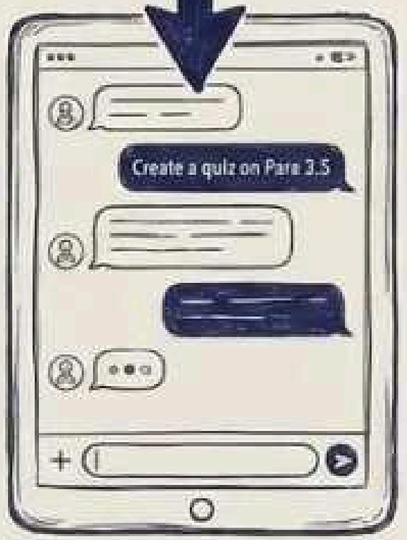


Every paragraph is numbered (e.g., *Lecture 3, Para 5* = 3.5).



Quiz wrong answers point directly to the exact paragraph.

Tip: Feed the transcript to an AI tutor for custom quizzes.



Formative Assessment
(Built to help you learn, not to grade)

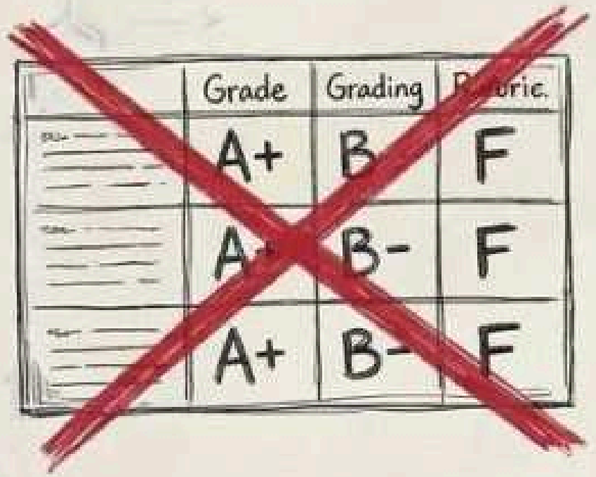
¶0.9

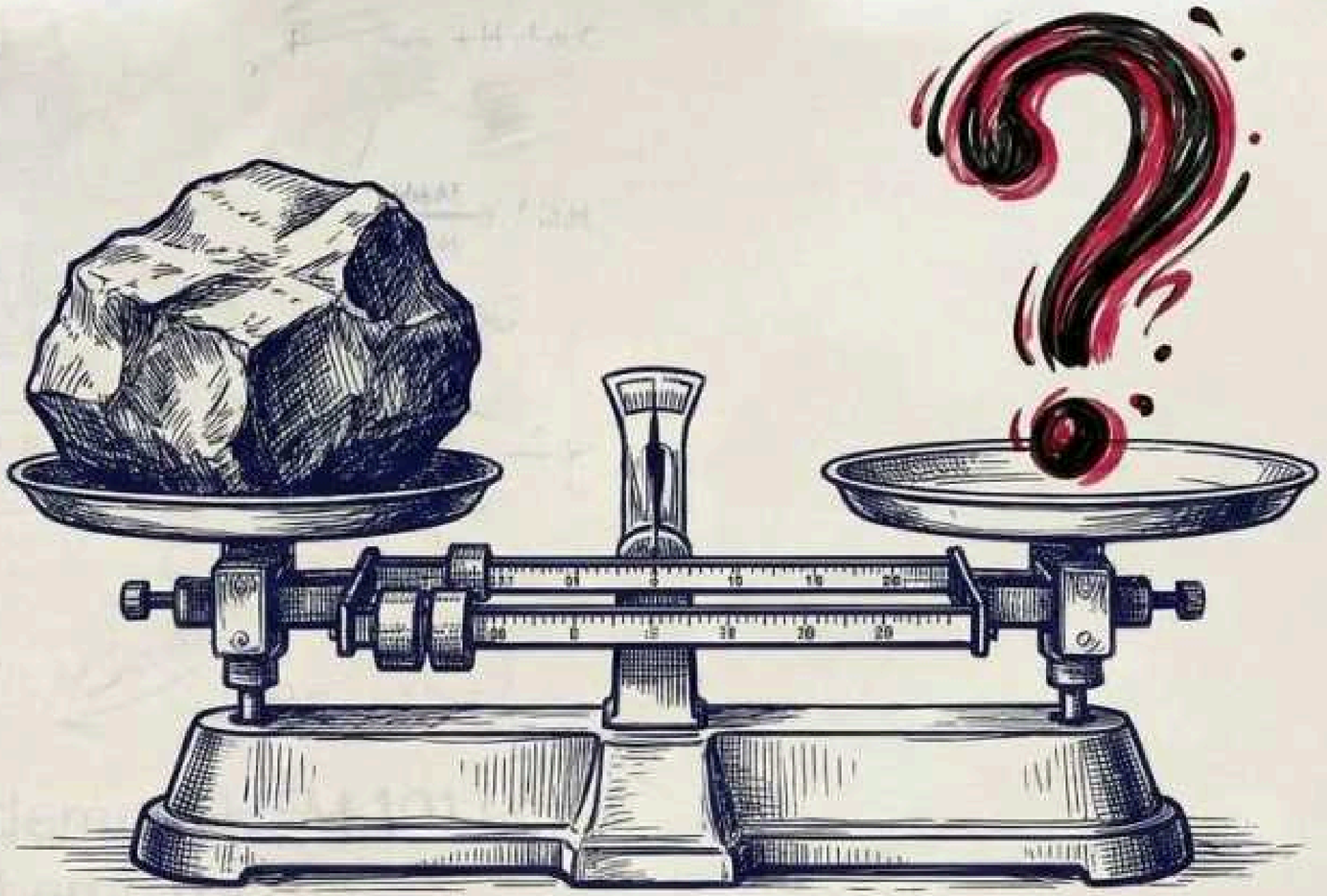
Take the Quiz.

Check Answers vs. Key.

Review Missed Paragraphs.

Retake Final Weeks Later (Test retention).





What is matter, and how do we measure it?

→ *On to Lecture 1.*

Questions? garyanderson@mail.grokbot.com | **X:** @garyanderson