

AI Prompt Cheat Sheet

Name: _____

Date: _____

Practical prompts for using AI as a study partner — adapt the bracketed parts to your own material.

Explain a difficult concept

“Explain [concept] as if I've never encountered it before. Use a simple real-world analogy, then build up to the technical definition.”

Simplify a concept

“Rewrite this explanation of [concept] in plain language, in three sentences or fewer.”

Socratic tutoring

“Don't give me the answer. Ask me one guiding question at a time about [topic] until I reach the answer myself.”

Generate a quiz

“Create a 10-question quiz on [topic] from my notes below, mixing multiple choice and short answer. Don't include the answers yet.”

Practice questions

“Write 5 practice problems on [topic] similar in difficulty to what might appear on an exam.”

Active recall prompts

“Turn these notes into 8 active-recall questions I can quiz myself with, without giving away the answer in the question.”

Flashcards

“Convert these notes into flashcard pairs: a short question or term on one side, a concise answer on the other.”

Compare two concepts

“Compare and contrast [concept A] and [concept B] in a short table: similarities, differences, and common points of confusion.”

Find weaknesses

“Here's my explanation of [topic] in my own words. Point out anything that's inaccurate, incomplete, or vague.”

Get feedback on writing

“Give me specific, direct feedback on this draft: what's unclear, what's unsupported, and what to cut.”

Build a study schedule

“I have [X days] until my exam on [topics]. Help me build a day-by-day study schedule that includes review and practice testing.”

Exam preparation

“Based on this syllabus/topic list, what are the 5 concepts most likely to be tested, and why?”

Review notes for gaps

“Read these notes and tell me what key information seems to be missing or under-explained.”

Generate examples

“Give me three original examples of [concept] that aren't the ones from my textbook.”

USING AI RESPONSIBLY

- Verify anything important against your course material or a primary source.
- Follow your instructor's and institution's AI-use policy for each course.

- Attempt the work yourself first — use AI to check and deepen, not replace, your own thinking.
- Use AI to support your learning, not to substitute for actually understanding the material.