

FAQs about AP Chemistry Exam 1 (Chapters 1&2)

1. How many questions are on the exam?
12 questions: 9 multiple choice and 3 fill-in or free response (some with more than one part).
2. What does the test cover?
All the questions are based on content from chapter 2, but accurate sigfigs are required on all calculations (chapter 1).
3. What can I use on the test?
A periodic table and your calculator. I won't provide Avogadro's number, which you should know.
4. What should I do to prepare?
Form a study group if you haven't already done so, and work together.
Review your notes, homework, and practice problems from the text. See me if you need help.
Do the practice exam (see below).
Start early. This is too much stuff to do in one evening.
5. Are you going to be touchy about setups and sigfigs and units?
Yes. Some might even say obsessive-compulsive . . .

PRACTICE EXAM 1 (Chapters 1 & 2)

1. Chapter 2 review questions 8-13. Add a note of when these discoveries occurred.
2. Chapter 2 review questions 19 & 20 and problems 53, 55, & 59.
3. Chapter 2 problem 73.
4. Review Chapter 2 problems 81, 82, 85, 86 (homework).
Most of the odd-numbered problems and all of the practice problems in the body of the text have answers in the back of the book. Here are the answers that are not in the back of the book:
Chapter 2 review questions 8-13 — text sections 3-5
Chapter 2 review questions 19 & 20 — text pg 58-59
Chapter 2 # 82 a. 0.28 g b. 4.88 g c. 5760 g or 5.76×10^3 g d. 240 g or 2.4×10^2 g
Chapter 2 #86 a. 36 g b. 0.187 g c. 62 g d. 3.1 g
You can consult the answer manual (in our classroom) or me for setups.