

AP Chemistry score calculator: the worksheet and the conversion table (May 2027 format)

How the exam is scored

Section	Questions	Time	Share	Points
I: multiple choice	60	1 hour 30 minutes	50%	60, one each, no penalty for wrong answers
II: Question 1 (long)				10 points
II: Question 2 (long)				10 points
II: Question 3 (long)				10 points
II: Question 4 (short)				4 points
II: Question 5 (short)				4 points
II: Question 6 (short)				4 points
II: Question 7 (short)				4 points
II: free response total	7	1 hour 45 minutes	50%	46
Total		3 hours 15 minutes	100%	composite as a percentage

The worksheet

1. Multiple choice correct (out of 60):

2. Line 1 / 60 x 50 = multiple-choice share (%):

3a. Question 1 (long) (out of 10):

3b. Question 2 (long) (out of 10):

3c. Question 3 (long) (out of 10):

3d. Question 4 (short) (out of 4):

3e. Question 5 (short) (out of 4):

3f. Question 6 (short) (out of 4):

3g. Question 7 (short) (out of 4):

4. Free-response total (out of 46):

5. Line 4 / 46 x 50 = free-response share (%):

6. Composite = line 2 + line 5 (%):

The conversion table (estimates; the College Board sets the real cut points after each exam)

AP score	Composite	For example	Means
5	72% and up	43 of 60 multiple choice and 33 of 46 free response	Extremely well qualified
4	58% to 71%	35 of 60 multiple choice and 27 of 46 free response	Well qualified
3	44% to 57%	26 of 60 multiple choice and 20 of 46 free response	Qualified
2	31% to 43%	19 of 60 multiple choice and 14 of 46 free response	Possibly qualified
1	under 31%		No recommendation

Worked example: 44 of 60 multiple choice and free-response scores of 7, 7, 7, 3, 3, 3, 3 (33 of 46) give a composite of 72.5%, a 5 on the table. A composite within three points of a cut is on the line, not over it.

What the scores say, where the points are lost, and the plan

The May 2025 results (College Board)

Score	5	4	3	2	1	3 or higher	Mean
Share of 168,833 students	17.9%	28.6%	31.4%	15.9%	6.2%	77.9%	3.36

What the free-response questions ask

[] The long questions each run across several units: a titration or buffer with a pH calculation and a particle diagram, a thermochemistry or electrochemistry question with a cell potential or an enthalpy from bond energies, a kinetics or equilibrium question with a rate law from data and a K calculation

[] The short questions each test one idea in two or three parts: a Lewis structure and its geometry, a gas or solution stoichiometry calculation, an intermolecular-forces comparison, a reaction type with a net ionic equation

Where the points are lost: tick the ones that are yours

[] A calculation with no units, or with the right number and the wrong number of significant figures when the data has three

[] An explanation that names the concept ('intermolecular forces') without the specific one ('hydrogen bonding between the O-H groups') and without connecting it to the data in the question

[] Equilibrium: the ICE table set up with the wrong initial amounts, or K written with solids and liquids in it

[] Electrochemistry: the sign of the cell potential or the direction of electron flow reversed

[] The particle diagram or graph sketch left out because it looks like a drawing question; it is a scored part worth the same as a calculation

From a practice composite to the exam

Practice composite	Likely score now	What moves it most
under 44%	1 or 2	content first: the units with the most multiple-choice misses, then one free-response question a week marked to the scoring guidelines
44% to 57%	3	the free response: every lost point is a specific missing thing on the rubric; fix the pattern, not the question
58% to 71%	4	timing and the hardest question type; a full timed paper every two weeks
72% and up	5	keep it: a timed paper every two weeks and the questions that score under 70 percent

From

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