

AP Physics 1 Weighted Practice Calculator

Enter the raw points requested by each field to calculate a weighted practice total out of 100. This current-format model does not convert the result to an AP score of 1 to 5.

May 2027 format: weighted practice composite

Applies the published section weights to practice points. This mode returns a weighted practice composite, not a predicted AP 1-5 grade.

Input	Allowed values	Example	Your score
Multiple choice correct	0 to 42	30	_____
Mathematical routines	0 to 10	7	_____
Translation between representations	0 to 12	8	_____
Experimental design and analysis	0 to 10	6	_____
Qualitative/quantitative translation	0 to 8	5	_____

Calculation

$$50 \cdot \text{mcq} / 42 + 50 \cdot (q1 + q2 + q3 + q4) / 40$$

Worked example

The example gives 68.2143/100 before display rounding. It does not establish an AP 1-5 result; a score conversion requires a matched test form and conversion table.

Record one next step

My result: _____ Practice date: _____

A skill I will review: _____

My next practice task: _____

Sources and next steps

1. [College Board exam format](#). 2027: 42 MCQ in 85 minutes, 50%; four FRQ in 95 minutes, 50%.
2. [College Board course and exam description](#). Effective fall2026 MCQ increases40 to 42; MCQ time80 to 85; FRQ time100 to 95.
3. [College Board course and exam description](#). Four FRQs have 10,12,10,8 points.

Source check: 2026-10-20. Model: 2027-format-research-2026-10-19

Prepared for ScoreDino with AI assistance. Original explanations and practice items are independent learning material. College Board does not endorse this resource.

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