CGPA Calculator

Calculate cumulative GPA from credit-weighted grade points, keeping the grade scale explicit. Previous GPA and credits are included in the weighted total.

Formula: GPA = sum(grade points * credits) / sumcredits

INPUTS AND EXAMPLE VALUES

Rows: grade points, credits (one course per line): 4 3
3 3

Maximum GPA scale: 4

Previous cumulative GPA: 3.2

Previous credits: 30

CHECK THE DEFAULT EXAMPLE

GPA: 3.25

Credits: 36

Quality points: 117

LIMITS AND CONVENTIONS

No institution-specific A-F conversion or honors bonus is assumed.

Zero-credit courses add no weight. The result uses only supplied courses and prior credits.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/cgpa-calculator

University of Illinois Registrar - Credit-weighted GPA calculation and transcript truncation: https://www.registrar.illinois.edu/courses-grades/calculate-your-gpa/

UC Berkeley Registrar - Grade points, excluded grades and institution-specific repeat rules: https://registrar.berkeley.edu/academic-records/grades-grading/

Display precision is for reporting; keep unrounded values for later calculations. Verify units and conventions. This reference does not replace institution, employer or network rules.