Cheatography

GPA Scales & CGPA Formula Cheat Sheet

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Cumulative GPA formula

CGPA = sum(grade points x credits) / sum(credits)
Example: A (4.0) in a 4-credit course + B (3.0) in a 3-credit course = (16 + 9) / 7 = 3.57

4.0 scale (common US)

A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
D	1.0
F	0.0

Calculator

Free online calculator for all three scales:
GPA Calc

5.0 scale (NUS-style)

A+/A	5.0
A-	4.5
B+	4.0
B	3.5
B-	3.0
C+	2.5
C	2.0
D+	1.5
D	1.0
F	0.0

10-point CGPA (India, CBSE)

Approximate percentage = CGPA x 9.5
Example: 8.2 CGPA x 9.5 = 77.9%

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