The Process
There is no universal way to calculate GPA because methods and scales vary by institution, state and country. Here is the four-step process Hawai'i DOE schools use to calculate GPA.

First: Convert Grades to Numbers
Each letter grade is assigned a numerical value from 0-5, depending on the weight of the course. Advanced Placement, International Baccalaureate, and some Dual Credit courses are weighted.

Unweighted Weighted
A = 4 points A = 5 points
B = 3 points B = 4 points
C = 2 points C = 3 points
D = 1 point D = 2 points
F = 0 points F = 0 points

Second: Convert Credit Hours to Credit Points
These points are based on the credit worth of courses taken.
- 0.25 quarter credit = 1 point
- 0.5 semester credit = 2 pts
- 1.0 year credit = 4 points

Third: Convert to Grade Points
Multiply the grade number by the credit points to calculate the grade points earned for each class.

Fourth: Formula
To calculate the GPA, divide the sum of the Grade Points a student earned by the sum of the Credit Points the student attempted.

Grade Points Earned + Credit Points Attempted

Grade Point Average

Note: Beginning with the Class of 2022, letter grades for courses taken in middle school that count for high school credit are not calculated into the GPA.