Deciphering Gradebook & Weighting

This is an example of the Gradebook Calculation for a course that has two Categories weights, and no individual item weights.

Category 1: Tests (75%) Category 2: Other (25%)

Example Student Grades and Calculations are as follows:

Gradebook Item:	Test 1	Test 2	Test 3	Test 4	Test 5	Other 1	Other 2	Other 3	Other 4	Other 5
Earned Grade:	97/100	82/100	100/100	75/100	190/200	18/25	45/50	82/100	25/25	46/50
Item Weight	Category Weight (75) / number of items graded (5) = 15	Category Weight (75) / number of items graded (5) = 15	Category Weight (75) / number of items graded (5) = 15	Category Weight (75) / number of items graded (5) = 15	Category Weight (75) / number of items graded (5) = 15	Category Weight (25) / number of items graded (5) = 5	Category Weight (25) / number of items graded (5) = 5	Category Weight (25) / number of items graded (5) = 5	Category Weight (25) / number of items graded (5) = 5	Category Weight (25) / number of items graded (5) = 5
Numerator:	Item Weight X (Earned Points / Possible Points): 15 X (97 / 100) =14.55	Item Weight X (Earned Points / Possible Points): 15 X (82 / 100) =12.3	Item Weight X (Earned Points / Possible Points): 15 X (100 / 100) =15	Item Weight X (Earned Points / Possible Points): 15 X (75 / 100) =11.25	Item Weight X (Earned Points / Possible Points): 15 X (190 / 200) =14.25	Item Weight X (Earned Points / Possible Points): 5 X (18 / 25) =3.6	Item Weight X (Earned Points / Possible Points): 5 X (45 / 50) =4.5	Item Weight X (Earned Points / Possible Points): 5 X (82 / 100) =4.1	Item Weight X (Earned Points / Possible Points): 5 X (25 / 25) =5	Item Weight X (Earned Points / Possible Points): 5 X (46 / 50) =4.6
Denominator:	15	15	15	15	15	5	5	5	5	5

Numerator = 89.15
Denominator = 100
Final Grade = 89.15

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This is an example of the Gradebook Calculation for a course that has two Categories weights, and individual item weights.

Category 1: Tests (75%) Category 2: Other (25%)
Test 1: (15%) Test 2: (15%) Test 3: (15%) Test 4: (15%) Test 5: (40%)
Other 1: (25%) Other 2: (20%) Other 3: (10%) Other 4: (20%) Other 5: (25%)
Example Student Grades and Calculations are as follows:

Gradebook Item:	Test 1	Test 2	Test 3	Test 4	Test 5	Other 1	Other 2	Other 3	Other 4	Other 5
Earned Grade:	97/100	82/100	100/100	75/100	190/200	18/25	45/50	82/100	25/25	46/50
Item Weight	Category Weight (75) X Item Weight (0.15) =11.25	Category Weight (75) X Item Weight (0.15) =11.25	Category Weight (75) X Item Weight (0.15) =11.25	Category Weight (75) X Item Weight (0.15) =11.25	Category Weight (75) X Item Weight (0.4) =30	Category Weight (25) X Item Weight (0.25) =6.25	Category Weight (25) X Item Weight (0.2) =5	Category Weight (25) X Item Weight (0.1) =2.5	Category Weight (25) X Item Weight (0.2) =5	Category Weight (25) X Item Weight (0.25) =6.25
Numerator:	Item Weight X (Earned Points / Possible Points): 11.25 X (97 / 100) =10.9125	Item Weight X (Earned Points / Possible Points): 11.25 X (82 / 100) =9.225	Item Weight X (Earned Points / Possible Points): 11.25 X (100/100) =11.25	Item Weight X (Earned Points / Possible Points): 11.25 X (75 / 100) =8.4375	Item Weight X (Earned Points / Possible Points): 30 X (190 / 200) =28.5	Item Weight X (Earned Points / Possible Points): 6.25 X (18 / 25) =4.5	Item Weight X (Earned Points / Possible Points): 5 X (45 / 50) =4.5	Item Weight X (Earned Points / Possible Points): 2.5 X (82 / 100) =2.05	Item Weight X (Earned Points / Possible Points): 5 X (25 / 25) =5	Item Weight X (Earned Points / Possible Points): 6.25 X (46 / 50) =5.75
Denominator:	15	15	15	15	15	5	5	5	5	5

Numerator = 90.125
Denominator = 100
Final Grade = 90.125   Rounded to: 90.13