Calculation of weighted grade point average

Below is an example of how to calculate the weighted grade point average of marks given according to the 7-point grading scale:

Course	ECTS credit	Mark
Course 1	5	7
Course 2	10	7
Course 3	7,5	4
Course 4	5	10
Course 5	7,5	4
Course 6	5	12

Table 1. Overview of courses, the ECTS credit of each course and the mark of each course.

1. You need to calculate the "course value" of each course. You do so by multiplying the ECTS credit of each course with the mark you got for the course. If we use the data in table 1 you will get this equation:

Course	ECTS credit * mark	Course value
Course 1	5 * 7	35
Course 2	10 * 7	70
Course 3	7,5 * 4	30
Course 4	5 * 10	50
Course 5	7,5 * 4	30
Course 5	5 * 12	60

Table 2. Overview of the course value of each course.

2. You must add up the different course values. In relation to the data in table 2 above it means you get this equation:
   35 + 70 + 30 + 50 + 30 + 60 = 275

3. You must add up the ECTS credit of each course. In relation to the data in table 1 it means you will get this equation:
   5 + 10 + 7,5 + 5 + 7,5 + 5 = 40

4. In order to calculate the weighted grade point average you must divide the sum of the course values (cf. step 2) with the sum of ECTS credits (cf. step 3). On the basis of the data above you get this equation:
   275 : 40 = 6,9
   Therefore the weighted grade point average is 6,9.