Your final term grade will be calculated using the following percentages:
Tests: 40%
Quizzes: 30%
Homework: 20%
Lab: 10%

1) Imagine the grades below were your grades for term 1.
Calculate your final term grade given these percentages.

     a) Find the average test score and quiz score.

     Tests: 95%   90%   Avg:
     Quizzes: 91%   88%   94%   Avg:
     Homework: 70%
     Lab: 75%

     b) Find the score for each category.

     Test: 40% of _____ is _____
     Quizzes: 30% of _____ is _____
     Homework: 20% of _____ is _____
     Lab: 10% of _____ is _____

     c) Add the values above to find your final grade.

      Test   +   Quiz   +   HW   +   Lab   =

    _____ + _____ + _____ + _____ = _____

2) As you can see you did not take homework and lab seriously. Recalculate your average if you had worked hard on homework and in lab and received better scores in those categories.

     Homework: 95%
     Lab: 98%

     a) Find the new score for homework and lab.

     Homework: 20% of _____ is _____
     Lab: 10% of _____ is _____

     B) Add the values to find your final grade. Your test and quiz score will be the same as the score you calculated in number 1.

     Test   +   Quiz   +   HW   +   Lab   =

    _____ + _____ + _____ + _____ = _____

3) Thoughts?

Challenge:

4) Could you have found the final term grade another way? Show and explain your process by calculating the average again and showing the same result.

5) Write an equation I could use to calculate my averages at the end of the term. Be sure you state what each variable stands for. You are welcome to use the variable I listed in my example.

Ex: T_1= test 1 Q_1= quiz 1   H= homework
           T_2= test 2 Q_2= quiz 2   L= lab
                             Q_3= quiz 3   F= final grade