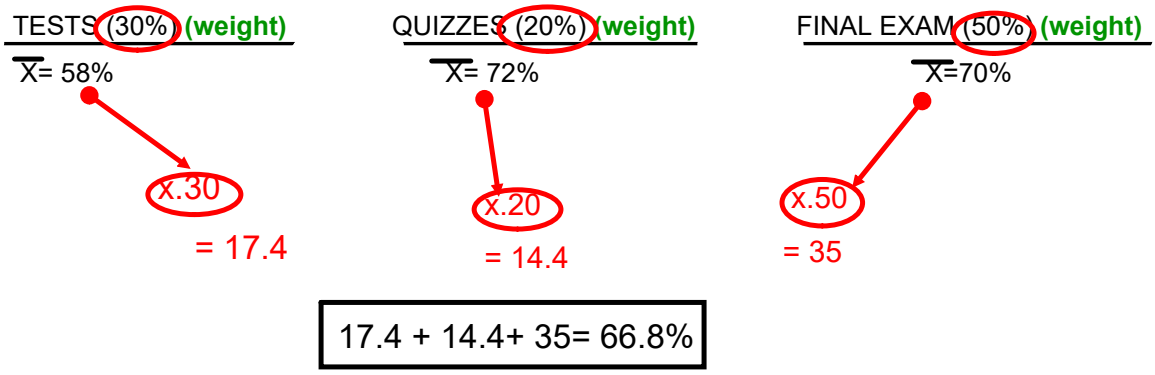
WEIGHTED MEAN

- When certain #'s / values are worth more OR less than others

ex: A test mark VS an exam mark

HOW TO DO IT:



17.4 + 14.4+ 35= 66.8%

Multiply each mark by its' decimal weight and add up the weighted marks

MISSING # IN MEAN

FORMULA = TOTAL DATA ADDED UP ÷ # OF DATA = DESIRED MEAN

EX: If you were to take 2 tests and wanted an average of 80%..here's what the total should be: **total % of 2 tests = 80% (average)**

2 tests

so..... x% = 80% CROSS X!....the two tests must = 160%

2

EX: Josh has 3 tests done and want to know what he should get on the 4th test next week to get an 85% average.

His marks so far: 66%, 90%, 88%

66 + 90 + 88 + ? = 85% soo his total score must be 340%....He has

4 tests 244% with 3 tests...he needs a 96% to = 340%= 85% (avrg)