

Your scaled percentages for homework and one-hour exams are combined into a pre-final percentage, \mathcal{PFP} , according to the following weight table:

Homework, Quizzes, Extra Credit, etc.	10%
Scaled Test #1	22.5%
Scaled Test #2	22.5%
Scaled Test #3	22.5%
Scaled Test #4	22.5%
Total	100%

Your final-exam score is scaled to a final-exam percentage, \mathcal{FINAL} .

If $\mathcal{FINAL} < 70\%$, then your final-grade percentage is computed according to the formula

$$\text{Final-Grade Percentage} = (0.3)\mathcal{FINAL} + (0.7)\mathcal{PFP}.$$

If $\mathcal{FINAL} \geq 70\%$ and $\mathcal{FINAL} \leq \mathcal{PFP}$, then again

$$\text{Final-Grade Percentage} = (0.3)\mathcal{FINAL} + (0.7)\mathcal{PFP}.$$

But you have a chance to really come through on the final: if $\mathcal{FINAL} \geq 70\%$ and the letter grade corresponding to \mathcal{FINAL} is higher than the letter grade corresponding to \mathcal{PFP} , then your final grade will be one level higher than the letter grade corresponding to \mathcal{PFP} .

Notes:

- (a) Test scores which are too low are not included in the class averages for the tests.
- (b) Upward scaling is not applied to too-low test scores.
- (c) Letter grades are based on a standard scale in which 90% of the total possible points guarantees an A, 80% a B, 70% a C, and 60% a D.