

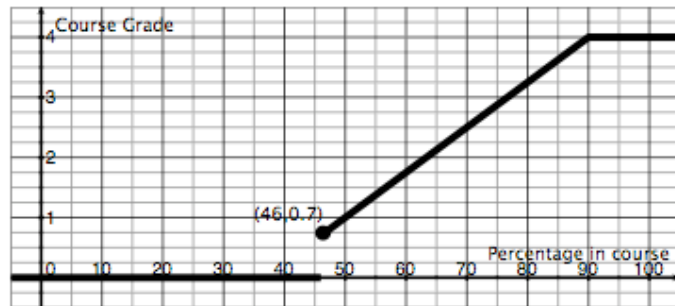
Computing Grades

- Clark Kent goes to college and on the first day of precalculus class he is handed the following information on the syllabus:

Grades:

The following weights will be used to calculate your percentage in the course. The function graphed takes your percentage in the course and returns your grade on a 4. scale.

Mini-Quizzes (top score)	5%
WebWork assignments	10%
Handwritten assignments	15%
Quizzes	15%
2 Midterms	30%
Final	25%



In week 7 Clark begins to get concerned about his grades (being a super hero is still new to him so he has missed a few assignments and a test). He logs onto Canvas and finds the following information:

Mini-Quiz:	(ea. worth 10pts)	9.5									
WebWork:	(ea. worth 10pts)	10	10	10	10	10	10	10	10	10	10
Written HW:	(ea. worth 10pts)	10	8	0	7	9	0	6			
Quizzes:	(percentage)	100	0	100	80						
2 Exams	(percentage)	92	0								

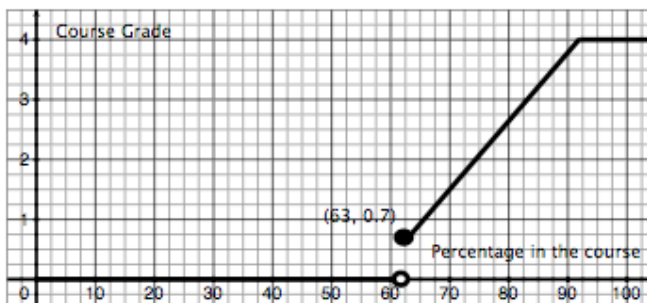
- Compute Clark's current averages for each of the categories below:

Mini-Quiz	Quizzes
WebWork	
WrittenHW	2 Exams
- Assuming his performance in each category will not change in the remaining weeks, what grade must Clark get on his final to get a 2.5 in the class?

2. Lois Lane goes to college and on the first day of origami math class is handed the following information on the syllabus:

Grades: The following weights will be used to calculate your grade.

Journals	15%
Homework	15%
Quizzes	15%
Origami Project	10%
Papers	10%
Midterm	15%
Final	20%



The above grade assignment is based off the University of Washington, Tacoma's grading scale posted at <http://www.tacoma.washington.edu/enrollmentservices/grading.cfm>.

In week 7 Lois begins to get concerned about her grades. She logs onto Catalyst and finds the following information:

Journals:	(ea. worth 5pts)	5	5	5	5	5	5	4	5	5	5
Homework:	(ea. worth 20pts)	15	20	18	19	20					
Quizzes:	(ea. worth 20pts)	18	13	17							
Origami Proj.	(ea. worth 40pts)	37									
Midterm:	(percentage)	82									

Assuming her journal, homework, quiz, and origami project averages do not change much in the remaining weeks, what scores could Lois Lane get on her papers and final to make sure she gets a 2.0 in the class?