



## Problem of the Week

### Problem E

#### Mark Mayhem

Cora, Dora and Flora were each in a different mathematics class last semester. The results for each class are summarized in the following table:

	# of Students in Class	Class Average
Cora's Class	22	87
Dora's Class	27	83
Flora's Class	31	81

Cora's mark was 1 mark less than Dora's mark whose mark in turn was 1 less than Flora's mark.

However, each of them discovered an error in the calculation of their final mark. After correcting the errors, Cora, Dora and Flora each had an average of 92% and the combined average for all of the students in the three classes was 83.7%.

Determine each of the student's marks before the error was corrected.

