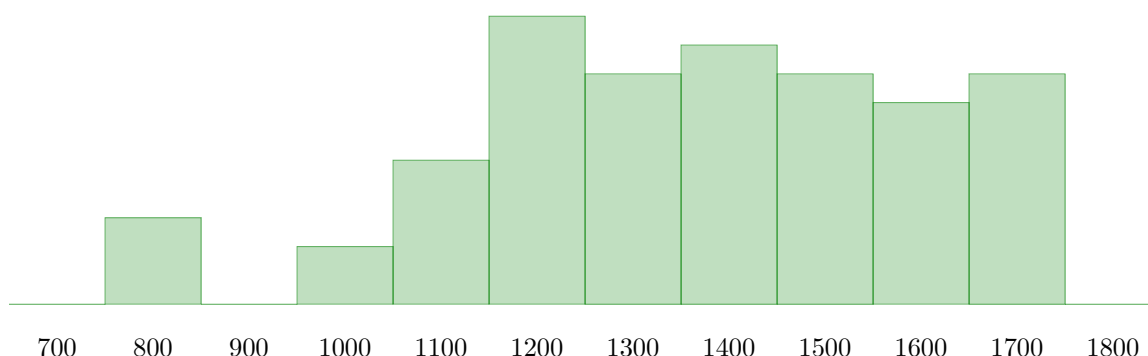# Midterm 1 Scores · Math 345

Autumn 2010 · Jim Fowler

The average score on the final exam was 1412/1800, with a standard deviation of 240.
The median score on the final exam was 1420/1800.

Because $1412/1800 \approx 78.4\% < 80\%$, I will add $80\% \times 1800 - 1412 = 28$ points to everyone's score at the end of the quarter, so as to bring the class average on this first midterm up to 80%.

Histogram

Per Problem

On problem 1 the class averaged 261.6/360 with standard deviation 93.0
On problem 2 the class averaged 334.7/360 with standard deviation 56.2
On problem 3 the class averaged 251.8/360 with standard deviation 72.7
On problem 4 the class averaged 251.9/360 with standard deviation 108.9
On problem 5 the class averaged 311.8/360 with standard deviation 80.2

Crosstabs

This shows the correlation between your scores on one problem and your scores on another.

	P1	P2	P3	P4	P5	Total
P1	100%	07%	01%	14%	26%	56%
P2	07%	100%	37%	12%	30%	53%
P3	01%	37%	100%	15%	23%	54%
P4	14%	12%	15%	100%	13%	63%
P5	26%	30%	23%	13%	100%	64%
Total	56%	53%	54%	63%	64%	100%