

Results: Calculus Challenge Problem #8

Most groups did a nice job with this problem, although they forgot the *absolute value* when integrating $\frac{1}{t}$. It ended up not affecting this solution, but it certainly will in other situations. The problem of estimating k and b was interesting, with lots of good approaches, and no absolutely correct solution (since I forgot what I actually used when making the graph).

School	Location	Teacher	Score
Farmington High	Farmington CT	Chris Lepi	1.5
La Habra High School (B)	La Habra, CA	Barbara De Roes	5
Land O'Lakes High School	Land O'Lakes, FL	Patrick Connolly	4
Rockford High School		Fred Reusch	5
The Westminster Schools	Atlanta, GA	Ellen Vesey	5

Cumulative Summary

School	Location	Teacher	Score
Brookwood High School	Snellville, GA	Chris Michael	10
Diamond Bar High School	Diamond Bar, CA	Howard Alcosser	14
Farmington High	Farmington CT	Chris Lepi	18
La Habra High School (B)	La Habra, CA	Barbara De Roes	40
Hickman High School	Columbia, MO	Deanna Wasman	21.5
Land O'Lakes High School	Land O'Lakes, FL	Patrick Connolly	33.5
Rockford High School		Fred Reusch	38
Seaholm High School	Birmingham, MI	Eric Bruns	12
Walton High School	Marietta, GA	Tom Fulton	31
The Westminster Schools	Atlanta, GA	Ellen Vesey	37.5