

Results: Calculus Challenge Problem #12

The calculus in this problem was fairly straightforward. Students chose many different ways to use the data to estimate the parameters values, consequently, they had a variety of times and rates in their final solutions. Using regression methods is always preferable to using specific values as initial conditions or taking several values and averaging the results.

School	Location	Teacher	Score
Farmington High	Farmington CT	Chris Lepi	1
La Habra High School (B)	La Habra, CA	Barbara De Roes	5
Hickman High School	Columbia, MO	Deanna Wasman	5
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	20.5
La Habra High School (B)	La Habra, CA	Barbara De Roes	59.5
Hickman High School	Columbia, MO	Deanna Wasman	33.5
Land O'Lakes High School	Land O'Lakes, FL	Patrick Connolly	38
Rockford High School		Fred Reusch	57.5
Seaholm High School	Birmingham, MI	Eric Bruns	12
Walton High School	Marietta, GA	Tom Fulton	31
The Westminster Schools	Atlanta, GA	Ellen Vesey	56.5