

A FOCUS on MATHEMATICS SEMINAR

Solving Problems in Statistics and Finance with the TI 83/84

Presented by:

Karen Trenholm of Watertown High School

Date:

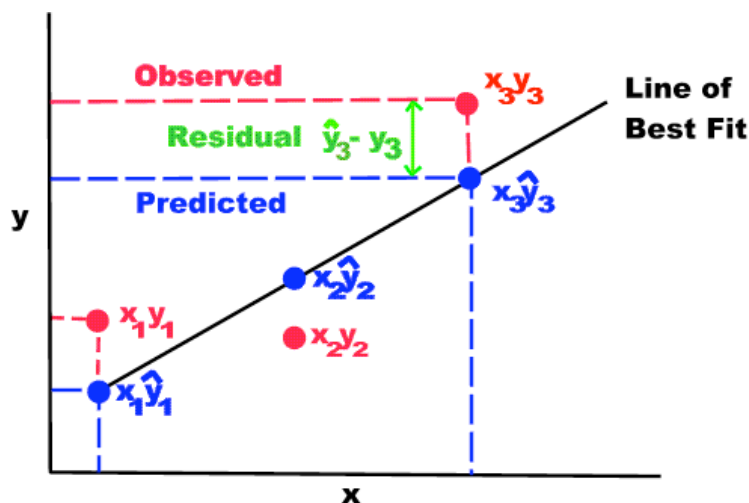
Monday October 29, 2007

Place:

WATERTOWN
HIGH SCHOOL
Cafeteria
50 Columbia Street

Time:

3:00 – 6:00 PM



Graphing calculators have helped make teaching many topics in mathematics easier and clearer, and may be a root cause of the increase in popularity of statistics at both the middle and high school levels. In this seminar we will demonstrate how the TI 83/84 graphing calculators can be used to examine some of the “classic” and “not so classic” problems found in today’s statistics texts. Topics covered will include: scatterplots, correlation, linear regression (line of best fit), residual plots, and probability simulations. Since many teachers own one of these calculators, we will also illustrate the use of the TVM (Time Value Money) Solver, which can be used to easily solve compound interest problems in either a finance lesson or simply for teachers’ personal use.

Bring a TI 83 or TI 84 graphing calculator if you have one!

DEADLINE FOR REGISTRATION IS OCTOBER 22ND, BUT SPACES WILL BE FILLED ON A FIRST COME BASIS. PLEASE CONTACT YOUR DISTRICT LEADER TO REGISTER. MORE INFORMATION AND DIRECTIONS TO WATERTOWN HIGH SCHOOL CAN BE FOUND AT WWW.FOCUSONMATH.ORG.

**REFRESHMENTS WILL BE SERVED FROM 3:00 TO 3:20,
AND THE SEMINAR WILL BEGIN PROMPTLY AT 3:30.**



Focus on Mathematics is a unique partnership of mathematicians and educators from Boston University, Education Development Center, Inc., Worcester Polytechnic Institute, UMass Lowell, Lesley University, and five Greater Boston school districts: Arlington, Chelsea, Lawrence, Waltham, and Watertown.



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