College Algebra: Business Flavor

Excel project with second test.

Recall that each test has an Excel project that goes with it. Each Excel project is worth 5% of your course grade.

Let a and be the last 2 numbers in your banner number.

If your banner number is 001233506, then and .

You will work with a number data sets, determined by and .

In the spreadsheet Test2Data, your values for are in column , and your values for are in column .

In an Excel workbook,

1. List your banner number and your values for a, b, c, and d, in a text box.
2. On the second page:
   1. Make a table of and .
   2. Find the best fitting quadratic polynomial for .
   3. Find the roots and turning points of .
3. On the third page:
   1. Make a table of and .
   2. Find the best fitting cubic polynomial for .
   3. Find the roots and turning points of .

Write a one-page or two-page summary, in word, that describes the features of your functions. It should include a picture of a graph of the scatterplot with the function added.

Rubric

Effort 30

Word Doc 6

Each page

Table 2

Best fit poly 2

Roots and turning points 3