

Names: ( Up to 3, roster names, please)

MATH 1470 HW Exercises-Chapter 1

Add extra work at end of paper. Explanations must be in complete sentences for full credit.

1a Is / is not exactly linear (circle one)?

Explanation:

Formula:

1b Is / is not exactly linear (circle one)?

Explanation:

Formula:

1a Is / is not exactly linear (circle one)?

Explanation:

Formula:

1a Is / is not exactly linear (circle one)?

Explanation:

Formula:

2a Table of values

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2b. Graph the formula for the last 5 years.

2c. Meaning of 313 and 10.871:

6a. A linear model is / is not appropriate. Defense of your answer:

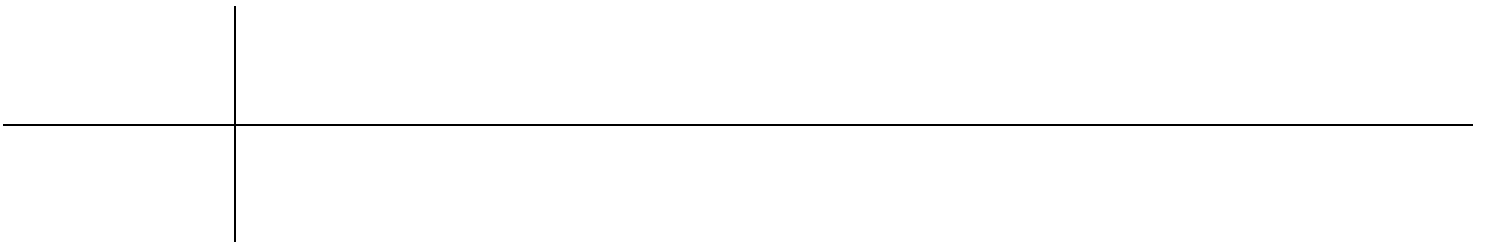
6b. Graph of data

6c Rough and ready estimate of linear model:  
(show work below)

Did you add your line to the graph? Did you change your answer to a)?

6d. Explanation of meaning of slope, intercept numbers:

7a Table of approximate t and y values



7b Estimate of linear model:  
(show work below. You don't need to show your graph)

7c. Description of meaning of slope and intercept.

7d. Decision (with justification) about linear model.

12a. What's wrong with the student's response.

12b. Your better method and conclusion.

13a Formula with meaning of variables:

Estimate of quantity today:

13b Formula with meaning of variables:

Estimate of quantity today:

13c Formula with meaning of variables:

Estimate of quantity today:

13d Formula with meaning of variables:

Estimate of quantity today:

14a Median:

14b Median

14c Median

14d Median: