

Exponential Regression

Review before test

The data in the table shows the temperature of Mr. Sidanycz’ lunch every 30 seconds after he took it out of the microwave.

- 1. Use your calculator to find the exponential regression model for the data
- 2. Interpret what the numbers in the equation represent in context
- 3. What will the temperature be at 2.25 minutes?
- 3. When will the temperature be 4 degrees?

Time	Temperature
0.00	100.00
0.50	75.00
1.00	56.25
1.50	42.19
2.00	31.64
2.50	23.73
3.00	17.80
3.50	13.35
4.00	10.01