Unit 02: Graphical and Tabular Data Presentation

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Table of Contents Quiz Permalink: http://www.quizover.com/question/unit-02-graphical-and-tabular-data-presentat-by-steve-the-saylor Author Profile: http://www.quizover.com/user/profile/steve.gibbs 1. Unit 02: Graphical and Tabular Data Presentation

Init 02: G	Graphical an	d Tabular	Data Pres	sentation	Question	S	

4.1.1. A temperature probe provides the following data as a function of ti...

Author: Steve Gibbs

A temperature probe provides the following data as a function of time (T(C), t(s)): (99, 2.0), (92, 11.0), (91,13.5), (85,17.0), (78,41), (69, 45), (46, 68), (49,112). Plot the data. You may use a spreadsheet or other data analysis system. Extrapolate to find the temperature at t=0s.

Please choose only one answer:

- 110 C
- 97 C
- 90 C
- 125 C
- 85 C

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Question: A temperature probe provides the following Steve Gibbs Saylor Measurement

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4.1.2. A temperature probe provides the following data as a function of ti...

Author: Steve Gibbs

A temperature probe provides the following data as a function of time (T(C), t(s)): (99, 2.0), (95, 11.0), (91,13.5), (85,17.0), (78,41), (69, 45), (46, 68), (49,112). Plot the data. You may use a spreadsheet or other data analysis system. Interpolate to find the temperature at 80s.

Please choose only one answer:

- 60 C
- 65 C
- 55 C
- 45 C
- 40 C

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4.1.3. A temperature probe provides the following data as a function of ti...

Author: Steve Gibbs

A temperature probe provides the following data as a function of time (T(C), t(s)): (99, 2.0), (95, 11.0), (91,13.5), (85,17.0), (78,41), (69, 45), (46, 68), (49,112). Plot the data. You may use a spreadsheet or other data analysis system. Which data pair deviates most from the least-squares line?

Please choose only one answer:

- 99, 2
- 95, 11
- 85, 17
- 78, 41
- 69, 45

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Interactive Question:

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4.1.4. A temperature probe provides the following data as a function of ti...

Author: Steve Gibbs

A temperature probe provides the following data as a function of time (T(C), t(s)): (99, 2.0), (95, 11.0), (91,13.5), (85,17.0), (78,41), (69, 45), (46, 68), (49,112). Plot the data. You may use a spreadsheet or other data analysis system. What is the least-squares slope of the data?

Please choose only one answer:

- 0.51 degrees C/s
- -0.51 degrees C/s
- 96 degrees C/s
- 1.9 degrees C/s
- -1.9 degrees C/s

Check the answer of this question online at QuizOver.com:

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