

Given n+1 data points $(x_0, y_0), (x_1, y_1), \dots, (x_{n-1}, y_{n-1}), (x_n, y_n)$, and assume you pass a function f(x) through all the data points. If now the value of the function f(x) is required to be found outside the range of given *x*-data, the procedure is called

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- A. extrapolation
- B. interpolation
- C. guessing
- D. regression

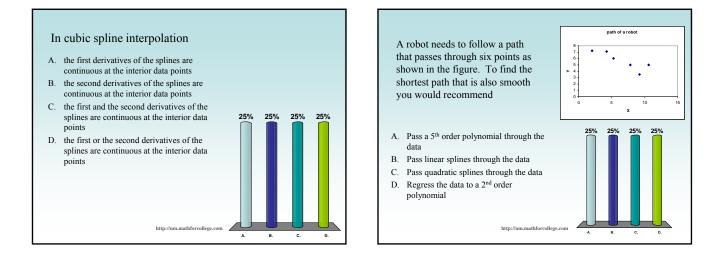
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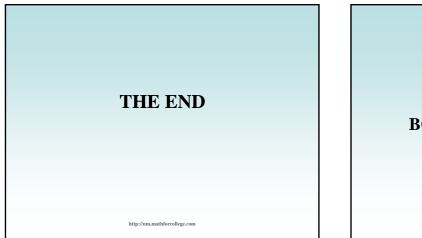
In quadratic spline interpolation,

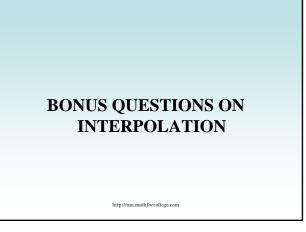
- A. the first derivatives of the splines are continuous at the interior data points
- B. the second derivatives of the splines are continuous at the interior data points
- C. the first or the second derivatives of the splines are continuous at the interior data points
- D. the first and second derivatives are continuous at the interior data points

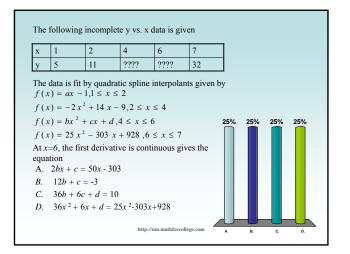
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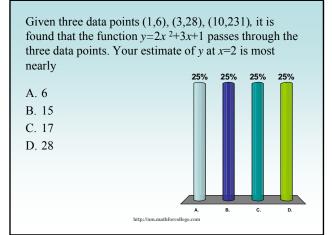
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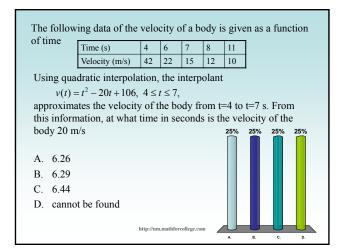


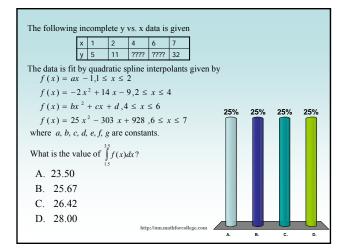


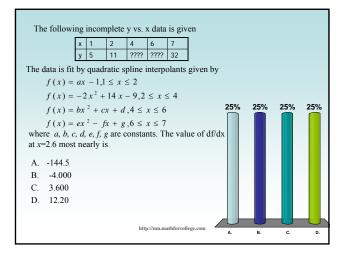


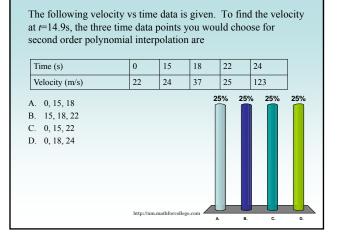












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