Exponential Functions

Recall: An exponential function is a function of the form:

where

Constant relative change for

That is, as increases by 1, gets times bigger.

Try:

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Recall:

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| --- | --- |
|  | Approx of  *f ’*(0) |
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Example:

Find

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| --- | --- |
|  | Approx of  *f ’*(2) |
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|  |  |

Find

In general: