

Logarithms and Exponentials

The goal of the presentation is to discuss logarithms and exponentials. Your presentation should include at least

- A discussion of what a logarithm is.
- A discussion of the relationship between logarithms and exponentials.
- At least 3 properties of the logarithm.
- A discussion of who discovered them and why it was such an important discovery. Specifically how it allowed for much quicker computations (before computers).

In addition you should include at least one thing not on the above list

At the end of your presentation the class will be asked one of the following questions.

- Who discovered logarithms
- What type function is the inverse of a logarithm?
- What does $\log(a \times b) = ?$

A good starting point for your research is

<http://en.wikipedia.org/wiki/Logarithm>

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman