

Name:

Date:

LOGS & Calculators

A Log_{10} Ruler is one of the most common. For this reason, whenever you see a Log without a base, it's typically assumed to be a Log_{10} . Most calculators have a Log button on them which is actually a Log_{10} button. You can use it to calculate the measure of a Log on a Log_{10} ruler.

Use your calculator to figure out the precise measure of each of the following Logs on a Log_{10} ruler. Another way of saying this is to "Evaluate" each of the Logs below. If necessary, round to the nearest hundredth.

1. $\text{Log}_{10}10000 = 4$
2. $\text{Log}_{10}2 = .301$
3. $\text{Log}_{10}2000 = 3.301$
4. $\text{Log}_{10}27 = 1.431$
5. $\text{Log}_{10}47 = 1.627$
6. $\text{Log}_{10}56.6 = 1.753$
7. $\text{Log}_{10}\pi = .497$
8. $\text{Log}_{10}2\pi = .798$
9. $\text{Log}_{10}3 = .477$
10. $\text{Log}_{10}50 = 1.699$

