

# Understanding Analysis (Abbott) Solutions

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# Overview

some overview material will be provided here later.

# 1 Logarithms

Recall that a logarithm is a function  $g(x)$  (of base  $e$ ) such that  $g(e^x) = x$  and  $e^{g(x)} = x$ .

## 1.1 Properties

These are 5 main properties of logarithms:

### Exercise 1.1.1

this is some exercise.

**Solution.** and this is the solution.

□

### Exercise 1.1.2

here are some more exercises

### Exercise 1.1.3

and even more exercises.

**Solution.** and their corresponding solutions.

□