

Objectives

List of objectives for Module 11M - Modeling with Logarithmic and Exponential Functions.

So far, we have looked at linear models (with a constant rate of change) and power function models (with a rate of change as $y = kx^n$). These functions cannot model when quantities change rapidly in a short time - we will need logarithmic and exponential functions for this.

The objectives for this Module are:

- (a) Identify when a real-world situation would require a logarithmic model.
- (b) Identify when a real-world situation would require an exponential model.
- (c) Construct a model equation for the real-life situation.