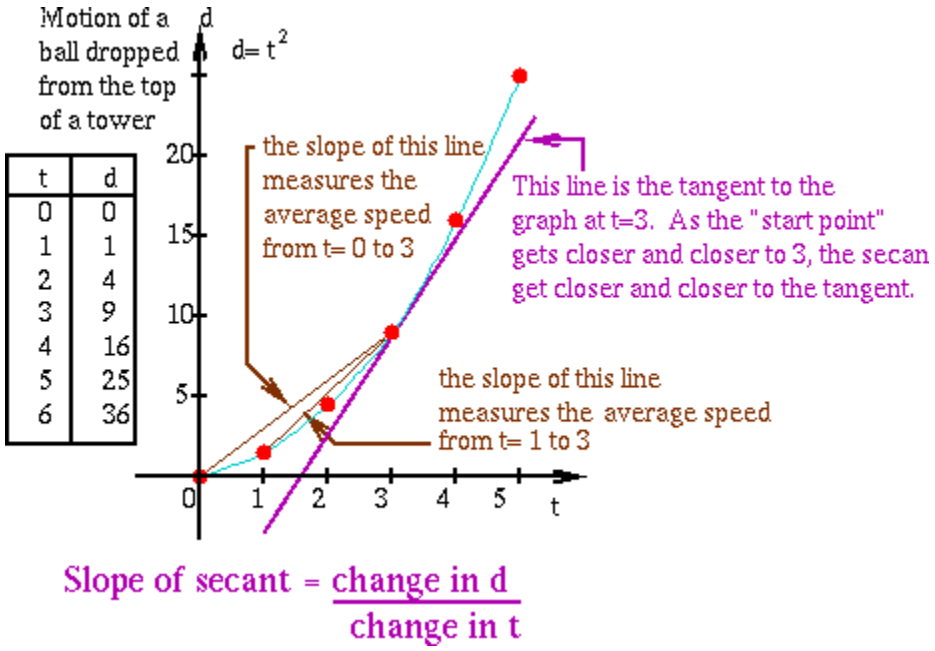
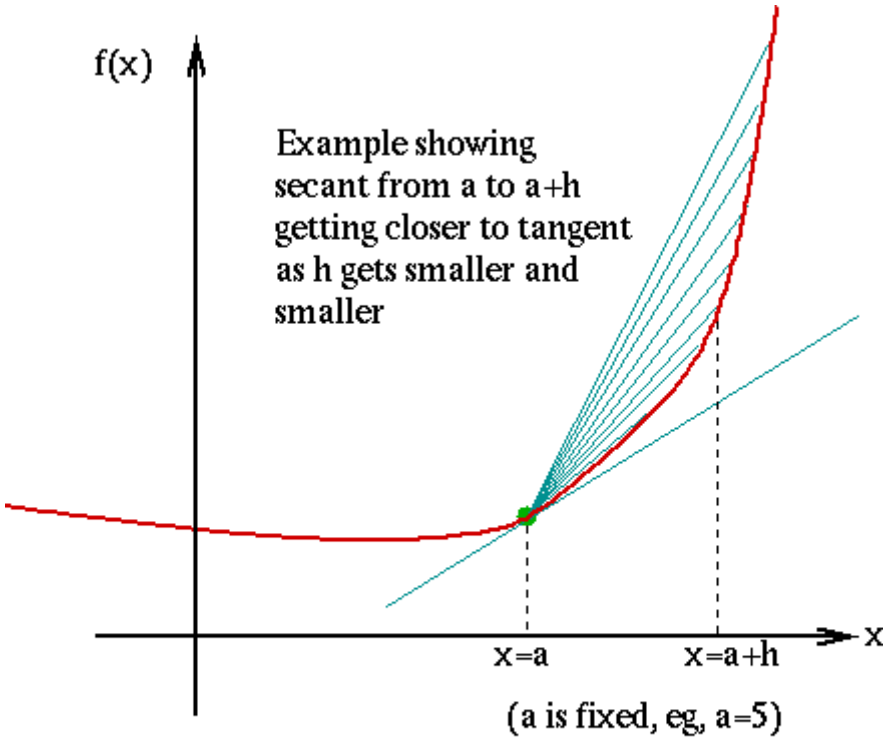
We will cover the following topics in this class:

- Tangent as limit of secants
- Idea of limit
- how to calculate the derivative by calculating successive values of slopes of tangents (use a table).

Main Part of class



$$\text{Slope of secant} = \frac{\text{change in d}}{\text{change in t}}$$



(a is fixed, eg, a=5)
(h gets smaller and smaller; there is a secant for each value of h)