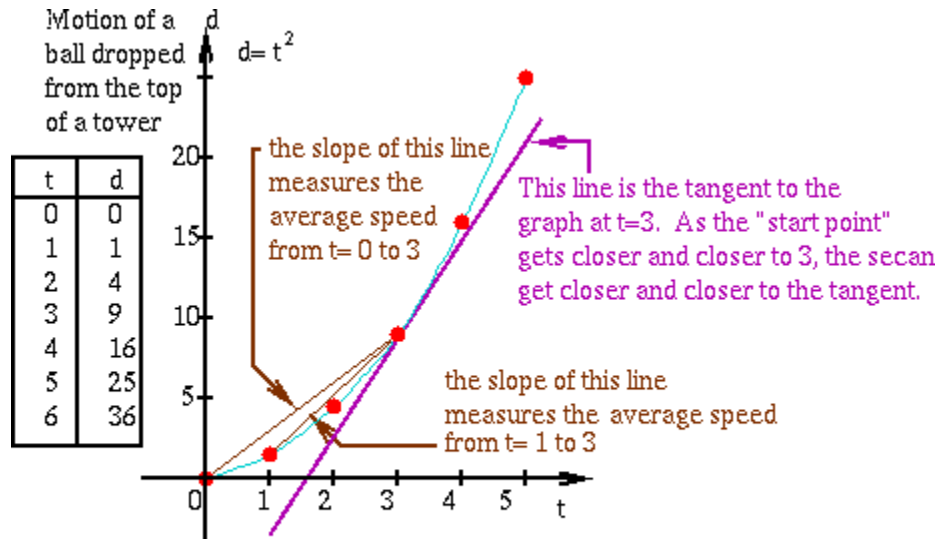


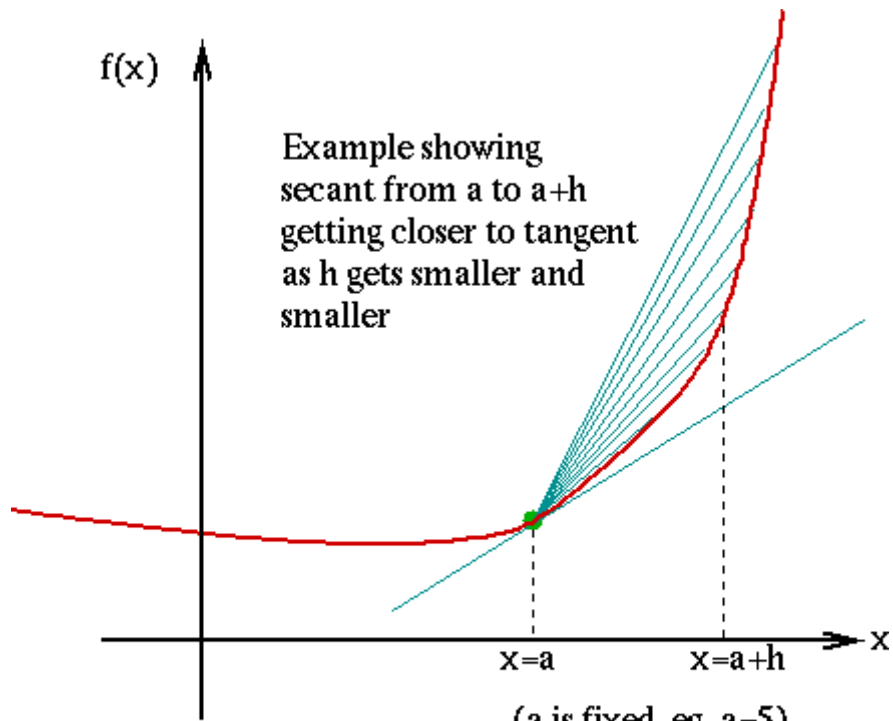
We will cover the following topics in this class:

- 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



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



Example showing
secant from a to $a+h$
getting closer to tangent
as h gets smaller and
smaller

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