

Two Fundamental Concepts

Derivative

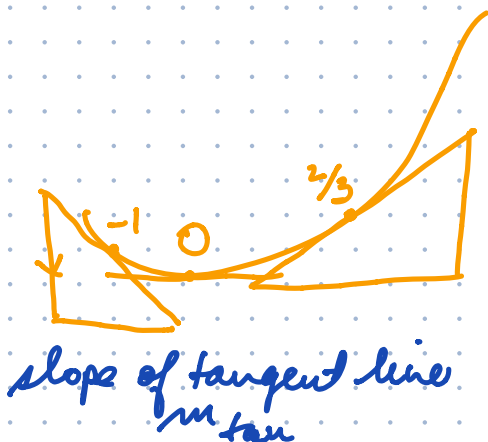
Rate of change of a quantity.

The number of cases is increasing dramatically.

The number of infections is falling gradually.

The viral load increases until it reaches a critical point and the infection activates.

Deaths are still increasing but the rate of increase is slowing.



Integral

Sum or accumulation over time

Total deaths for the week are over 1200.

