Properties of Logs

* logaa = 1
* loga1 = 0
* logax = logay

=> x = y

* loga(xy) = logax +logay
* loga (x/y) = logax – logay
* logaxn = nlogax
* logaaf(x) = f(x)logaa

= f(x)

* ln ef(x) = f(x)
* e lnf(x) = f(x)