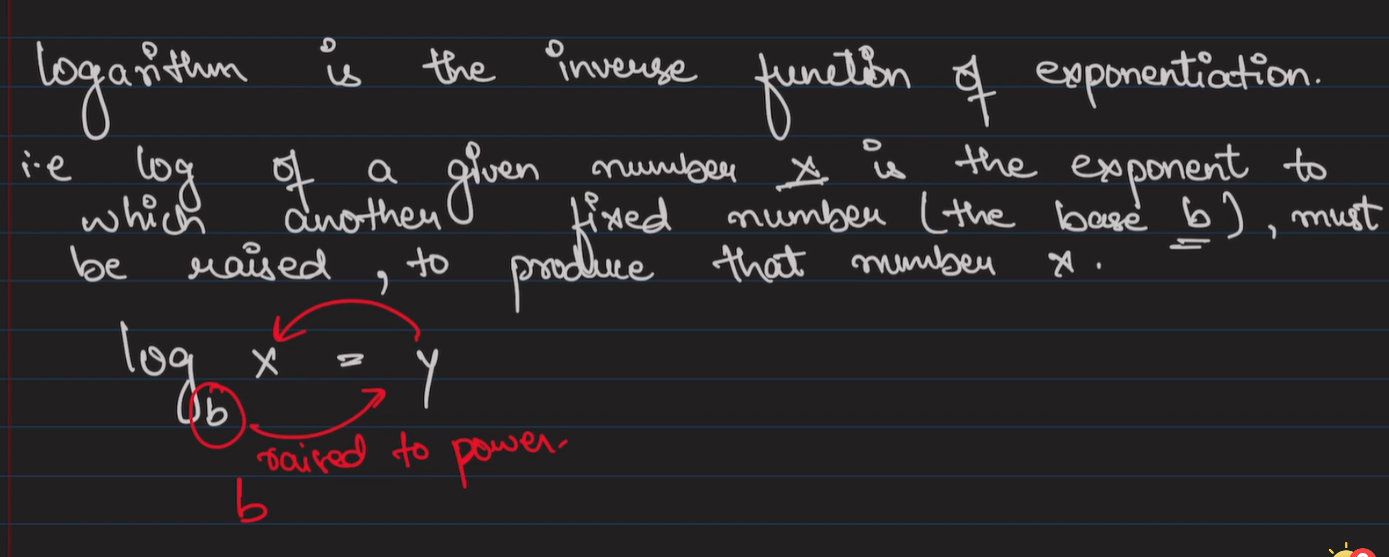
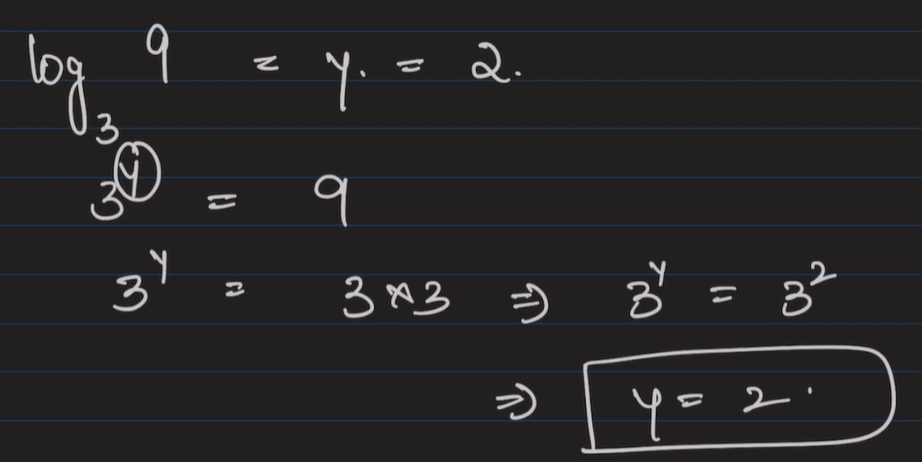
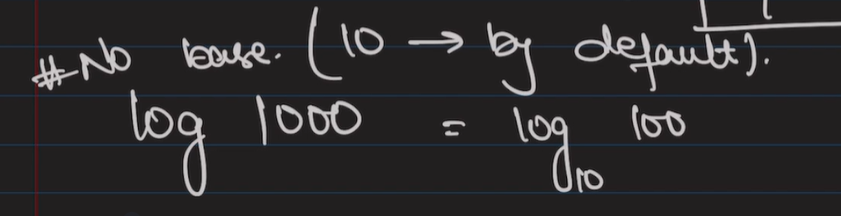
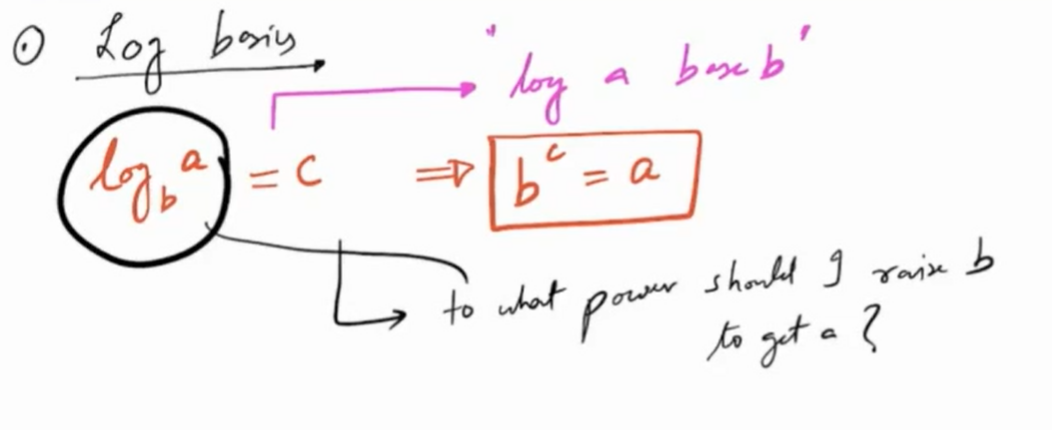
## What is logarithm (Log)?

Inverse function of exponentiation.





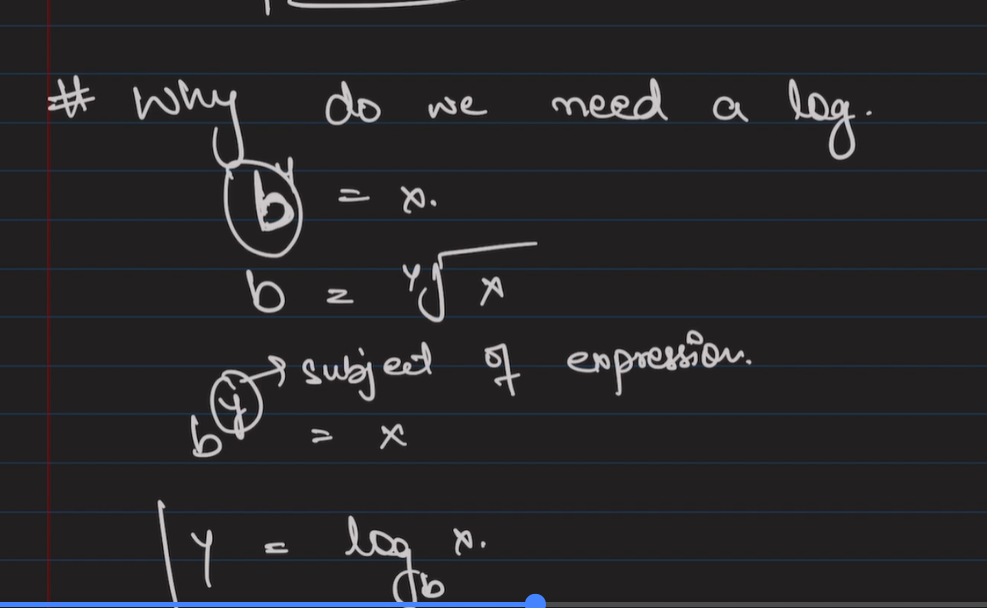




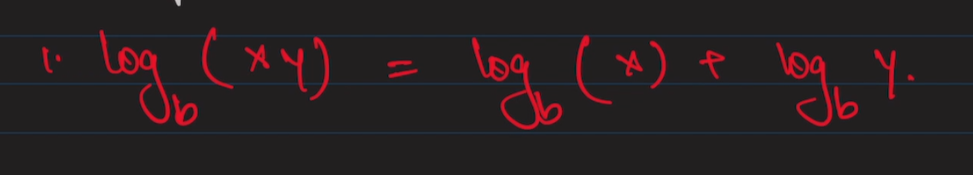
## Why do we need Log?

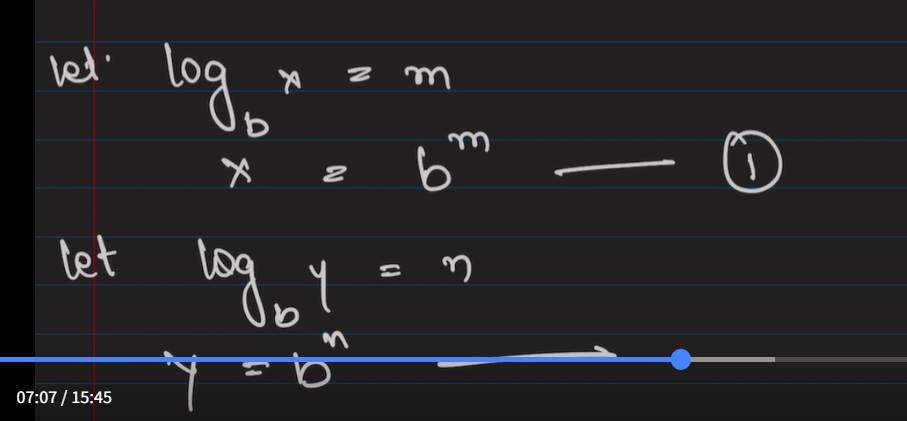
Below image shows how we make “b” a subject of expression and “y” a subject of expression.

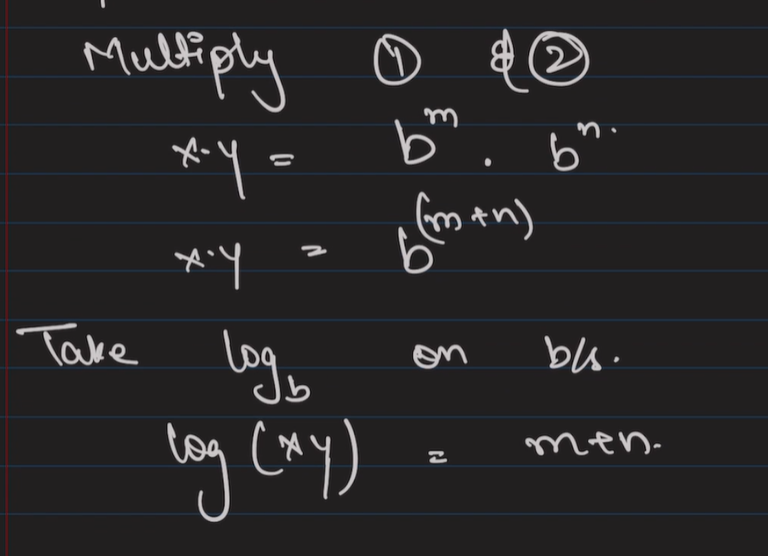
So, we need Log to make “y” a subject of expression.

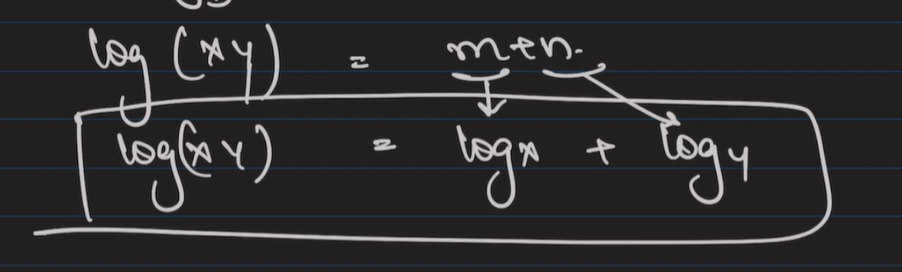


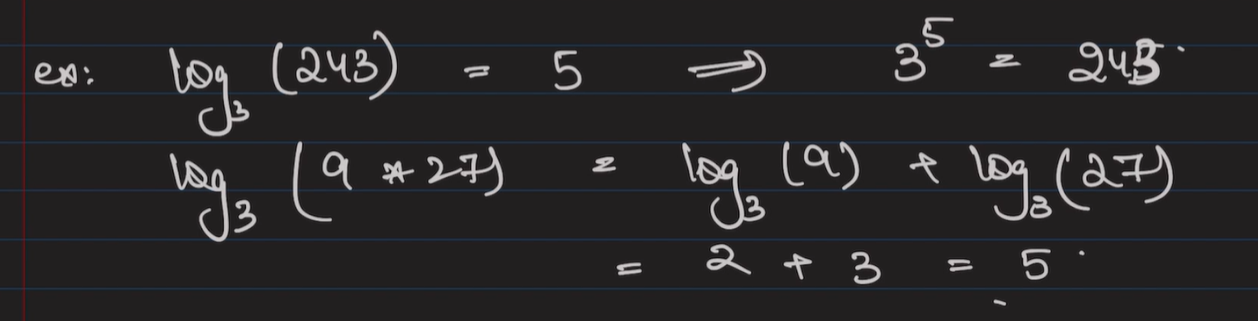
## Properties of Log?

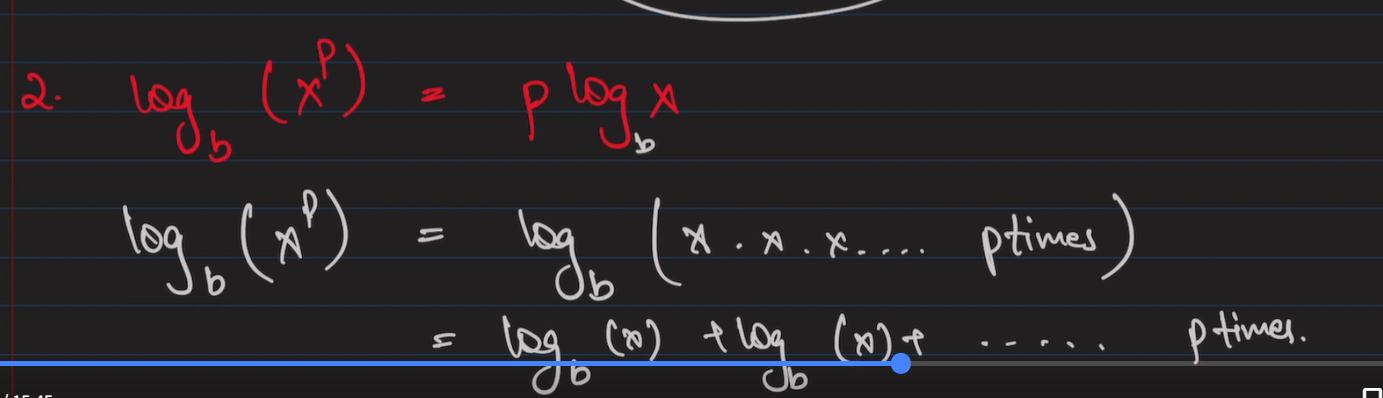


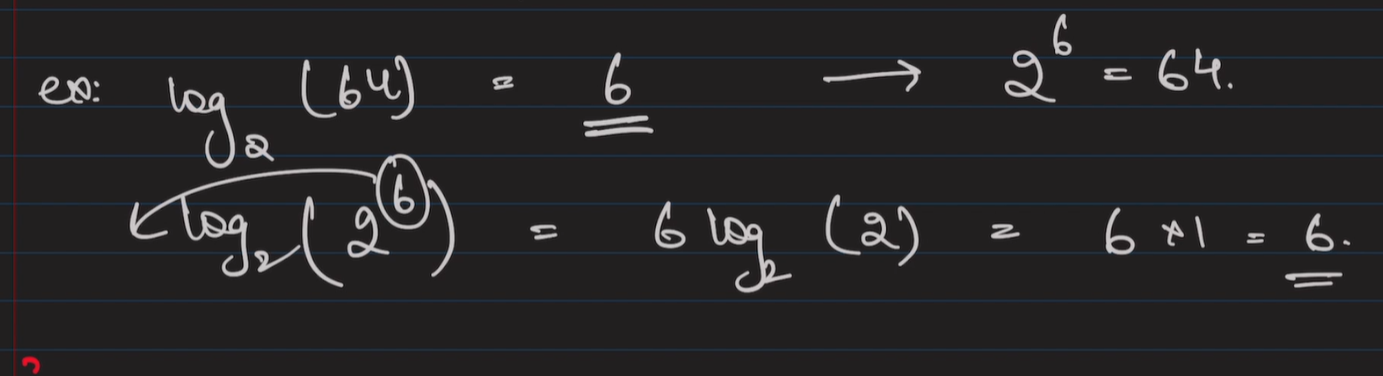


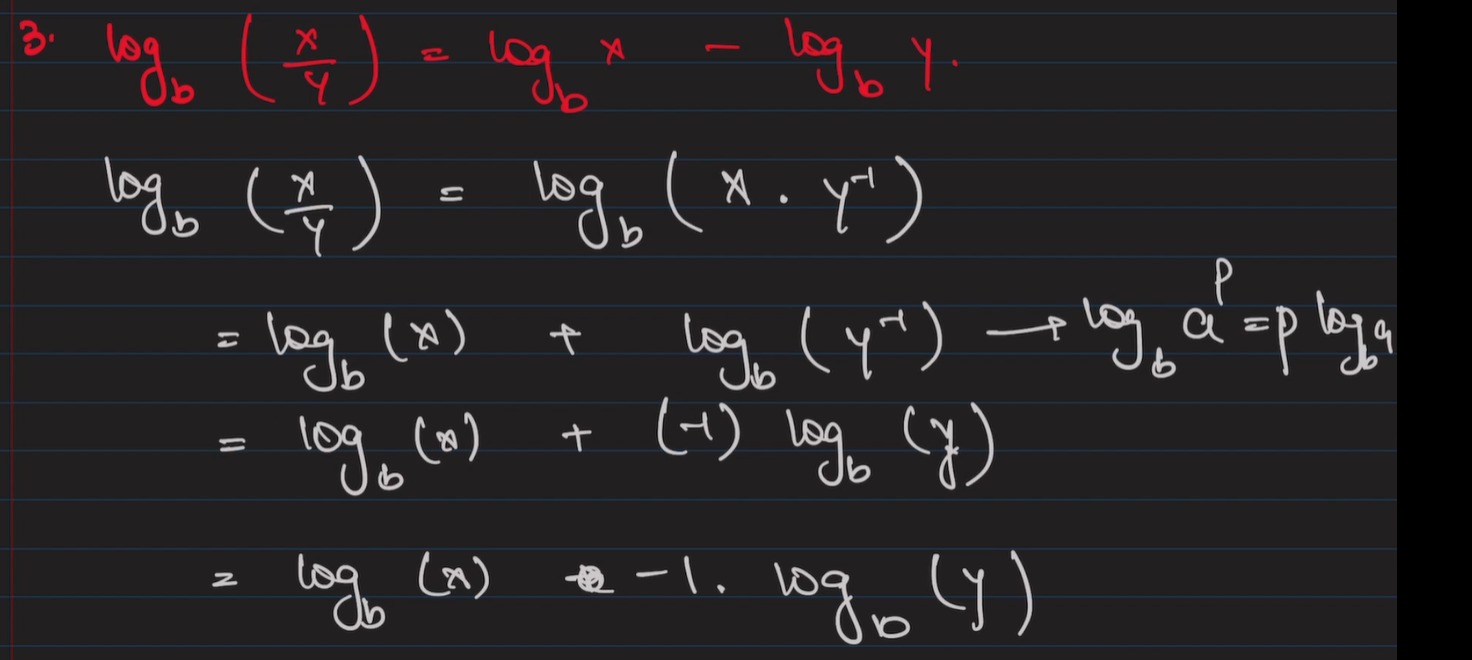


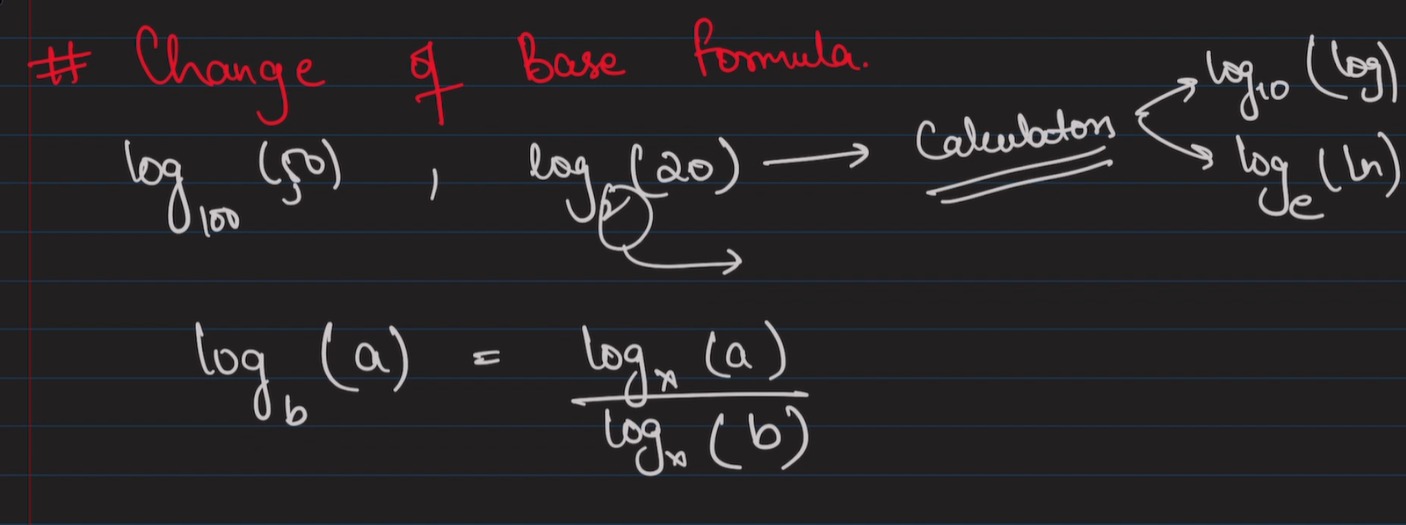












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