


Cornell Notes 	Topic/Objective: 3.2 Laws of Logarithms	Name:
		Class/Period:
		Date:

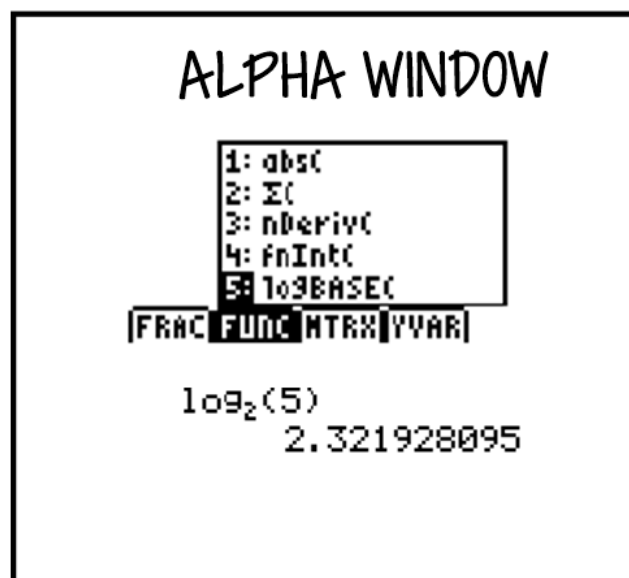
Essential Question:

	Condensed Form	Expanded Form
	1. $\log(AB) =$	
	2. $\log\left(\frac{A}{B}\right) =$	
	3. $\log A^B =$	
	Condense: $\log_3 12 + \frac{1}{2} \log_3 7 - \log_3 2$	
	Expand: $\ln\left(\frac{ab}{\sqrt[3]{c(d+1)}}\right)$	

Summary:

Change of Base...

$$\log_B x = \frac{\log x}{\log B}$$



Ex) $\log_2 5 =$

Summary: