Cornell Notes	Topic/Objective: 3.2 Laws of Logarithms	Name:
YAVID		Class/Period:
Proven Achievement. Lifelong Advantage.		Date:
Essential Question	:	
	Condensed Form	Expanded Form
	1. $\log(AB) =$	
	$3. \log A^B =$	
	3. log <i>1</i> 1 -	
	Condense:	
	$\log_3 12 + \frac{1}{2} \log_3 7 - \log_3 2$	
	$2^{\log_3 12 + 2 \log_3 7 + \log_3 2}$	
	Expand:	
	$ \ln\left(\frac{ab}{\sqrt[3]{c}(d+1)}\right) $	
	$(\sqrt{c(a+1)})$	
Summary:	1	

Change	of	Base
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$$\log_B x = \frac{\log x}{\log B}$$

ALPHA WINDOW

1: abs(2: ∑(3: nDeriv(4: fnInt(5: 109BASE(FRAC FUNC HTRX YVAR

> 109₂(5) 2.321928095

$$ex) log_2 5 =$$

Summary: