

mobius

Logarithms - Quotient Property - From Difference



1	Convert the given logarithm to its equivalent based on the quotient property				Convert the given logarithm to its equivalent based on the quotient property $\log_{10} 9 - \log_{10} 2$				
	$\log_9 6$	— I($\log_9 9$		\log_{10}	9 –	log ₁	10 2	
Α	$\log_9 0.67$	В	log ₉ 2.67	A	$\log_{10} 3.5$	E	\log_{10}	0 2.5	
С	log ₉ -0.33	D	log ₇ 0.67	С	log ₁₀ 4.5]) log _į	₅ 10	
3	Convert the given logarithm to its equivalent based on the quotient property			4	Convert the given logarithm to its equivalent based on the quotient property				
	$\log_7 2$	— lo	$\log_7 4$		\log_8	7 –	log	3 7	
log ₆	0.5 log ₇ 0.5 log		log ₁ 7	7 2.5		log	1 8 c	og ₈ 1	
5	Convert the given logarithm to its equivalent based on the quotient property			•	6 Convert the given logarithm to its equivalent based on the quotient property				
			\sim				-	_	
	$\log_5 9$	_ ($\log_5 8$		\log_2	10 -	- log	28	
A	log ₅ 9	— [(og ₅ 8	A				-0.75	
A C				A	$\log_1 2$	E	$\log_2 -$		
	log ₅ 1.13 log ₅ 2.13 Convert the equivalent to	given koased o	$\log_4 1.13$ $\log_5 0.13$ Expansion of the quotient by	C	$\begin{array}{ccc} & & & \log_1 2 \\ & & & \log_2 0.25 \\ & & & & \text{Convequence} \\ & & & & \text{equiv} \end{array}$	rert the giveralent bas	log ₂ log ₂ log ₂ ven logarithned on the quoperty	-0.75 1.25 n to its uotient	
С	$\log_5 1.13$ $\log_5 2.13$ Convert the	given koased o	$\log_4 1.13$ $\log_5 0.13$ Expanding the logarithm to its in the quotient	C	$\log_1 2$ $\log_2 0.25$	rert the giveralent bas	log ₂ log ₂ log ₂ ven logarithned on the qu	-0.75 1.25 n to its uotient	
7	log ₅ 1.13 log ₅ 2.13 Convert the equivalent to	given koased o	$\log_4 1.13$ $\log_5 0.13$ Expansion of the quotient by	8	log ₁ 2 log ₂ 0.25 Convequity log ₈	vert the give/alent bas	log ₂ log ₂ log ₂ ven logarithmed on the quoperty	-0.75 1.25 In to its potient 10	
7	log ₅ 1.13 log ₅ 2.13 Convert the equivalent to log ₉ 2	given lopased o	$\log_4 1.13$ $\log_5 0.13$ Expansion of the quotient by $\log_9 7$	8	log ₁ 2 log ₂ 0.25	vert the give/alent bas	log ₂ log ₂ log ₂ ven logarithmed on the quoperty	-0.75 1.25 In to its potient 10	