

1. WHAT'S LOGARITHM
2. NOW YOU KNOW
3. LOGARITHM
4. DONT BE CONFUSED
5. YOU NEED SOME EXERCISE
6. LEVEL UP
7. +PLUS+
8. - MINUS -
9.  $\log 1 = 0$
10. NAN - LOL
11. CHEAT
12. NEXT LEVEL
13. THE INVERS
14. IF IT ONLY THE SAME
15. IT'S ALSO SAME
16. IT'S SAME TOO
17. STILL SAME QUESTION
18. *ANSWER PAPER*

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# If it's Also The Same

$${}^2\text{Log } 16 \div {}^2\text{Log } 4 = 2$$

$${}^2\text{Log } 2^4 \div {}^2\text{Log } 2^2 = 2$$

$$4 \times {}^2\text{Log } 2 \div 2 \times {}^2\text{Log } 2 = 2$$

$$4 \times 1 \div 2 \times 1 = 2$$

it's same too

Means

$${}^4\text{Log } 16 = 2$$

$${}_a\text{Log } b \div {}_a\text{Log } c \stackrel{c}{=} {}_c\text{Log } b$$

# Still Same Question

Why should we Learn this?  
 You can use it at chemistry  
 at chemistry we uses 10

Usually didn't  
 written at calculator  
 like this

← 10 Log a  
 Searching Ph

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$$\begin{aligned}
 -\text{Log } 2,5 \times 10^{-7} &= -(-7) - 0.4 \\
 &= 7 - 0.4 \\
 &= 6.6
 \end{aligned}$$

Tell your friend  
 and wait my next notes