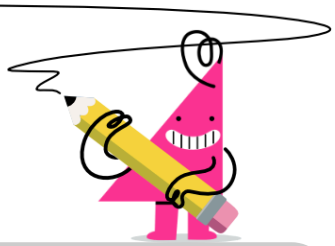
Name

Logarithms - Quotient Property - From Difference



1 Convert the given logarithm to its equivalent based on the quotient property

$$\log_9 6 - \log_9 9$$

A	$\log_9 0.67$	B	$\log_9 2.67$
C	$\log_9 -0.33$	D	$\log_7 0.67$

2 Convert the given logarithm to its equivalent based on the quotient property

$$\log_{10} 9 - \log_{10} 2$$

A	$\log_{10} 3.5$	B	$\log_{10} 2.5$
C	$\log_{10} 4.5$	D	$\log_5 10$

3 Convert the given logarithm to its equivalent based on the quotient property

$$\log_7 2 - \log_7 4$$

A	B	C	D	E
$\log_6 0.5$	$\log_7 0.5$	$\log_7 1.5$	$\log_1 7$	$\log_7 2.5$

4 Convert the given logarithm to its equivalent based on the quotient property

$$\log_8 7 - \log_8 7$$

A	B	C
$\log_6 1$	$\log_1 8$	$\log_8 1$

5 Convert the given logarithm to its equivalent based on the quotient property

$$\log_5 9 - \log_5 8$$

A	$\log_5 1.13$	B	$\log_4 1.13$
C	$\log_5 2.13$	D	$\log_5 0.13$

6 Convert the given logarithm to its equivalent based on the quotient property

$$\log_2 10 - \log_2 8$$

A	$\log_1 2$	B	$\log_2 -0.75$
C	$\log_2 0.25$	D	$\log_2 1.25$

7 Convert the given logarithm to its equivalent based on the quotient property

$$\log_9 2 - \log_9 7$$

A	$\log_9 -1.71$	B	$\log_0 9$
C	$\log_9 1.29$	D	$\log_9 0.29$
E	$\log_9 2.29$		

8 Convert the given logarithm to its equivalent based on the quotient property

$$\log_8 3 - \log_8 10$$

A	B	C	D
$\log_8 1.3$	$\log_8 2.3$	$\log_0 8$	$\log_8 0.3$