Name

Logarithms - Quotient Property - To Difference

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

$\log_3 0.22$

A	$\log_2 3 - \log_2 9$	B	$\log_3 9 - \log_3 2$
C	$\log_1 2 - \log_1 9$	D	$\log_3 2 - \log_3 9$

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

$\log_2 1.13$

A	$\log_2 9 - \log_2 8$	B	$\log_2 8 - \log_2 9$
C	$\log_9 8 - \log_9 2$	D	$\log_9 2 - \log_9 8$

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

$\log_6 1.13$

A	$\log_7 9 - \log_7 8$	B	$\log_9 6 - \log_9 8$
C	$\log_6 9 - \log_6 8$	D	$\log_4 9 - \log_4 8$

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

$\log_{10} 0.4$

A	$\log_2 10 - \log_2 5$	B	$\log_{11} 2 - \log_{11} 5$
C	$\log_{10} 5 - \log_{10} 2$	D	$\log_{10} 2 - \log_{10} 5$
E	$\log_9 2 - \log_9 5$		

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

$\log_6 2.5$

A	$\log_6 5 - \log_6 2$	B	$\log_3 5 - \log_3 2$
C	$\log_5 5 - \log_5 2$	D	$\log_7 5 - \log_7 2$

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

$\log_5 0.6$

A	$\log_5 6 - \log_5 10$	B	$\log_6 6 - \log_6 10$
C	$\log_2 6 - \log_2 10$	D	$\log_4 6 - \log_4 10$
E	$\log_6 5 - \log_6 10$		

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

$\log_2 1.25$

A	$\log_2 5 - \log_2 4$	B	$\log_2 4 - \log_2 5$
C	$\log_1 5 - \log_1 4$	D	$\log_5 4 - \log_5 2$

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

$\log_9 0.75$

A	$\log_9 3 - \log_9 4$	B	$\log_6 3 - \log_6 4$
C	$\log_3 4 - \log_3 9$	D	$\log_3 9 - \log_3 4$