

It's Only Practice

Write as a single logarithm, all base 10.

1. $\log 6 + \log 5$

2. $\log M + \log N$

3. $\log 5 + \log X$

4. $\log 6 + \log 2 + \log 5$

5. $\log x + \log (x + 1)$

6. $\log x - \log (x + 1)$

7. $\log 12 - \log 2 + \log 5$

8. $\log n - 2\log 4$

Expand the following logarithms

1. $\log xyz$

2. $\log y^3$

3. $\log \frac{x}{y}$

4. $\log \frac{x}{y^2}$

5. $\log 2y^4$

6. $\text{Log} \frac{4x^2}{5y^6}$