| Student Name: | Score: |
|--|--|
| Rewrite as Single Logarithm Using Product and Quotient Rule | |
| Problems | Work Space |
| $\log_a x + \log_a y - \log_a z$ | |
| Answer: $\log_s l^4 m^2 + \log_s n - \log_s lmn$ | |
| Answer: $\log_h \frac{x}{v} + \log_h \frac{y}{z} - \log_h \frac{z}{v}$ | |
| | Answer: $\log_{a}ab + \log_{a}bc - \log_{a}ca$ Answer: |
| | $\log_S(m+n) + \log_S(l+m) - \log_S m$ Answer: |
| | |
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