

Condensing Logarithmic Expressions

Condense each expression to a single logarithm.

1) $\frac{1}{2}(3 \log_4 g + 2 \log_4 h)$ = _____

2) $\log_6 7 + \log_6 a$ = _____

3) _____

4) _____

5) _____

6) _____

7) $\log_8 5 - \log_8 z$ = _____

8) $\frac{3}{2} \log_7 m - \frac{1}{2} \log_7 n$ = _____

9) $\frac{1}{2}(\log_c r + \log_c s)$ = _____

Preview

Become a member to unlock
unrestricted access to both printable
and online worksheets.



www.tutoringhour.com