

Progress Check – Expanding & Condensing Logarithms

Name _____ Teacher _____

Date _____

<p>1. Expand</p> $\log_2 \frac{x^3}{yz^2}$	<p>2. Expand</p> $\log_5 \frac{2\sqrt{b}}{b^2c^3}$
<p>3. Condense</p> $\log_2 t - 2\log_2 r - \log_2 s - 3\log_2 w$	<p>4. Condense</p> $2\log_7 x + \frac{1}{2}\log_7(x - 2) - \log_7 y - 3\log_7(y + 1)$