Logarithmic Reference Sheet

$\log_b x = y$ means $b{\wedge}y = x$

$\log_b x + \log_b y$ means $\log_b(x{*}y)$

$\log_b x - \log_b y$ means $\log_b(x/y)$

$\log_b x^y$ means $y{*}\log_b(x)$

$\log_b x$ means $\log_x / \log_b$