Chapter 7 (p. 490, 7-1)	asymptote: A line that a graph approaches as the value of a variable becomes extremely large or small.
asymptote	Asymptote
Chapter 7 (p. 490, 7-1)	base of an exponential function: The value of b in a function of the form $f(x) = ab^x$, where a and b are real numbers with $a \neq 0$, $b > 0$, and $b \neq 1$.
base of an exponential function	$f(\mathbf{x}) = 5(2)^{\mathbf{x}}$ base
Chapter 7 (p. 506, 7-3)	common logarithm: A logarithm whose base is 10, denoted log ₁₀ or just log.
common logarithm	log 100 = log ₁₀ 100 = 2, since 10 ² = 100.
Chapter 7 (p. 522, 7-5)	exponential equation: An equation that contains one or more exponential expressions.
exponential equation	2 ^{x + 1} = 8

Chapter 7 (p. 499, 7-2) inverse function	inverse function: The function that results from exchanging the input and output values of a one-to-one function. The inverse of $f(x)$ is denoted $f^{-1}(x)$.
Chapter 7 (p. 523, 7-5)	logarithmic equation: An equation that contains a logarithm of a variable.
logarithmic equation	log x + 3 = 7
Chapter 7 (p. 507, 7-3)	logarithmic function: A function of the form $f(x) = \log_b x$, where $b \neq 1$ and $b > 0$, which is the inverse of the exponential function
logarithmic function	$f(\mathbf{x}) = \mathbf{D}$
Chapter 7 (p. 531, 7-6)	natural logarithm: A logarithm with base <i>e</i> , written as In.
natural logarithm	In 5 = log _e 5 ≈ 1.6