

Big-Oh Cheat Sheet

	Intuitive Meaning	$\lim_{n \rightarrow \infty} f(n) / g(n)$
$f(n) = \Theta(g(n))$	$f(n) \text{ "=" } g(n)$	$0 < c < \infty$
$f(n) = o(g(n))$	$f(n) \text{ "<" } g(n)$	0
$f(n) = \omega(g(n))$	$f(n) \text{ ">" } g(n)$	∞
$f(n) = O(g(n))$	$f(n) \text{ "<=" } g(n)$	$0 \leq c < \infty$
$f(n) = \Omega(g(n))$	$f(n) \text{ ">=" } g(n)$	$0 < c \leq \infty$