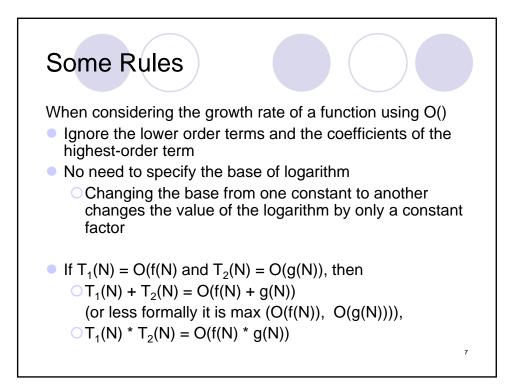
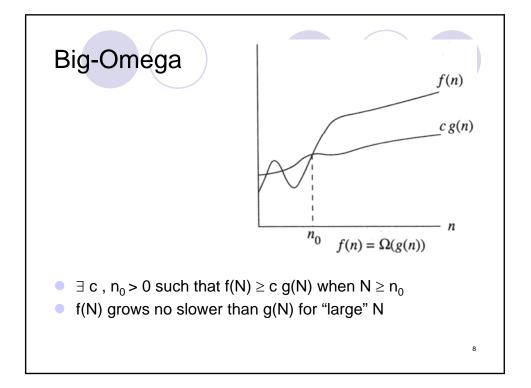
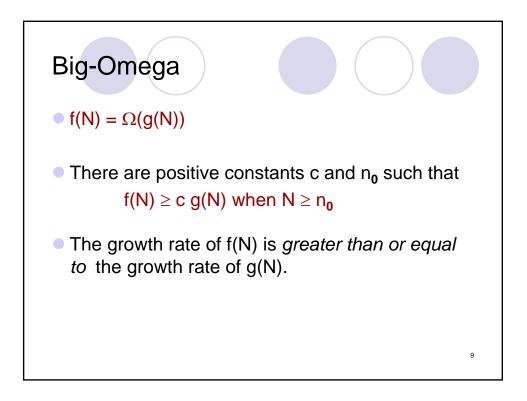
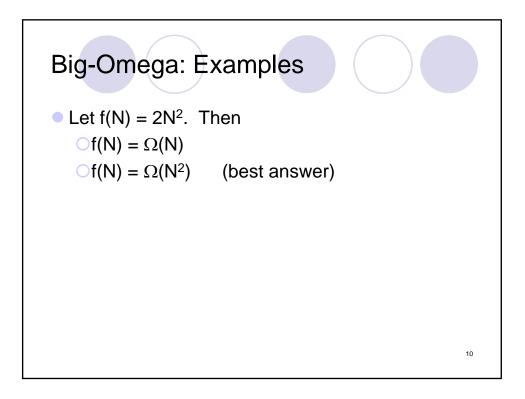


Math Review: Logarithmic Functions  $x^{a} = b \quad iff \quad \log_{x} b = a$   $\log ab = \log a + \log b$   $\log_{a} b = \frac{\log_{m} b}{\log_{m} a}$   $\log a^{b} = b \log a$   $a^{\log n} = n^{\log a}$   $\log^{b} a = (\log a)^{b} \neq \log a^{b}$   $\frac{d \log_{e} x}{dx} = \frac{1}{x}$ 

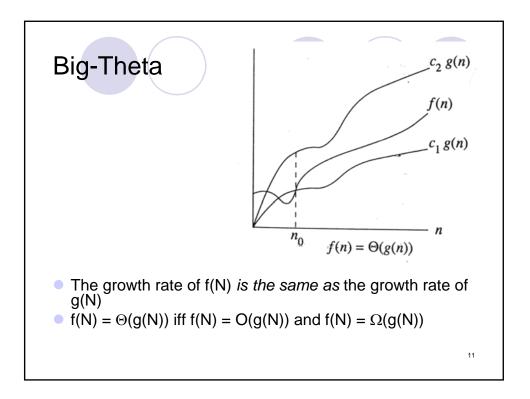


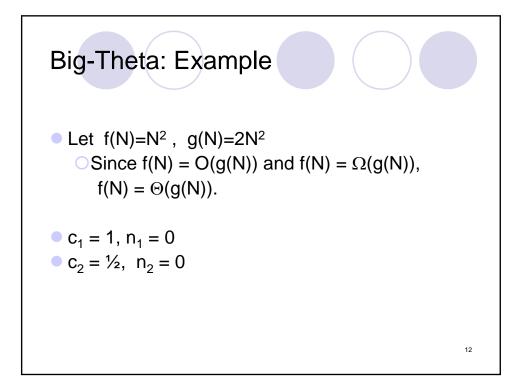






## 9/10/2009





6

