



In Class Exercises (ICE) - 12/11/00

Calculate formulas for derivatives of the functions given in the table below.

Function	Derivative
$g(t) = 12^t + t^{12}$	
$f(x) = e^x + x^e$	
$h(s) = \pi^2 + \pi^s$	
$j(x) = e^\pi$	
$g(z) = (\ln(6))6^z$	
$p(s) = (\ln(7))^s$	
$q(t) = (\sqrt{9})^t$	
$u(x) = \frac{3^x}{3} + \ln(3)x^3$	
$v(t) = e^{\ln(t)}$	
$z(x) = e^{3x}$	