Name:	ID #:	Section:	
 Find the equation of the table line to the curve of y = s Find the slope of the tang y = x^{cos x} at x = 1. Let f(x) = ln(x + 1) + cos x 	$in(x + y)$ at $(\pi, 0)$. ent line to the curve of $\cos x$. Find $(f^{-1})'(1)$.		
 Let v(t) = 1 - t² be the particle. When is the part The radius of a sphere is a 0.3 cm/s. How fast is the when the radius is 20 cm² 	icle speeding up? ncreasing at a rate of volume increasing		