Math 1	.02		
Spring	2014,	$\operatorname{Term}$	132

Quiz 2 Section 16

 $(4^{\rm pts})$ 

Student ID:		

Serial Number:

**Instructions:** Show Your Work!

$$\int \frac{\sec x}{\sqrt{\ln \sec x + \tan x}} dx.$$

$$y = (x^2/8) - \ln x, \quad 4 \le x \le 8.$$

**3.** Find the derivative of y with respect to x.

$$y = \cos^{-1} x - x \operatorname{sech}^{-1} \left(\frac{1}{2}\right)^{x}.$$