$\begin{array}{c} \text{MATH 2} \\ \text{PROBLEM OF THE WEEK 1} \end{array}$

Due Friday, January 24th, 2003 before the quiz.

Please show all your work!

Name:	
Find the derivative of	
$f(x) = \sqrt{\cos(\sin^2 x)}.$	
This is a multiple chain rule problem of the kind you've been having	trouble with
So, please, be very careful while you're doing this.	