

**Math 126: Calculus II**  
**Quiz 4** *September 19, 2000*

Name: \_\_\_\_\_  
Section: \_\_\_\_\_

On the following problems you **must show your work** to receive full credit.

1. Evaluate  $\sin(\sin^{-1}(-\frac{1}{2}) + \cos^{-1}(-\frac{1}{2}))$ .

2. Evaluate  $\int \frac{dx}{x^2 + 6x + 10}$ .

3. Find  $\frac{d}{dx} \ln(\sinh x)$ .