

Quiz 1a Calculus 2 1/14/2005

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Find an antiderivative of $p(t) = \cos t + \frac{1}{\cos^2 t}$.

2. Find the indefinite integral $\int \left(x + \frac{1}{\sqrt{x}} \right) dx$.