

Quiz 1 Calculus 2 8/31/2007

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

1. Find the most general antiderivative of $f(x) = \frac{x^3 + x^2}{\sqrt{x}}$.

2. Find the most general antiderivative of $g(x) = 2x + 5(1 - x^2)^{-1/2}$.