## Quiz 2 Calculus $1 \quad$ 9/6/2005

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

1. Evaluate $\int \frac{3}{(5 y+1)^{6}} d y$.
2. Evaluate $\int_{0}^{\pi} \sec ^{2}(t / 4) d t$.
