## Quiz 2 Calculus 1 9/6/2005

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

1. Evaluate 
$$\int \frac{3}{(5y+1)^6} dy$$
.

2. Evaluate 
$$\int_{0}^{\pi} \sec^{2}(t/4) dt$$
.