

3450:221 Calculus, Kreider

Name: _____

Quiz 22, section 5.4, Simplify your answers!

1. (4 pts) Evaluate $\int \frac{4}{9}x^{4/7} - \frac{3}{5}x^{-1/5} dx$

2. (6 pts) An object travels in a straight line with velocity $v(t) = 6 - 3t$ over the time interval $[0, 5]$. Find the distance the object travelled as well as its net displacement.