

Name: _____

Math 125 Quiz 5

May 19, 2006

1. $\int \tan^3(x) \sec^5(x) dx$

2. (a) Find the area of the smaller region bounded by the circle $(x - 2)^2 + y^2 = 4$ and the line $x = 3$.

(b) What is the area of the larger region bounded by the circle $(x - 2)^2 + y^2 = 4$ and the line $x = 3$?