

Name: _____

Quiz 23, section 5.5

1. (2 pts) Evaluate $I = \int \frac{x^3}{1+x^8} dx$

2. (3 pts) Evaluate $I = \int \frac{x^4}{1+3x^5} dx$

3. (2 pts) Evaluate $I = \int \frac{1}{e^x(1+e^{-x})^2} dx$

4. (3 pts) Evaluate $I = \int x^3(x^2+4)^{3/4} dx$