

MAC 2312
Quiz 6
October 22, 2008

Integrals. Nothing but integrals. Just integrals. You should integrate them. That's what one does with integrals. It will be fun. You will enjoy. Enjoy.

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

$$\int \sin^2(3x) \cos^2(3x) dx$$

$$\int x^3 \sqrt{4-x^2} dx$$

$$\int \frac{2}{x\sqrt{x^2-9}} dx$$

$$\int \frac{x^3}{\sqrt{x^2+4}} dx$$