

Math 2300 Calculus 2, Fall 2018  
Quiz 2

1. Find the following integrals:

(a)

$$\int \sec^2(x) \tan^6(x) dx$$

(b)

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

2.

$$\int \frac{1}{\sqrt{4-x^2}} dx$$

3.

$$\int \frac{1}{16+x^2} dx.$$