

## Math 2260 Quiz 8

Name \_\_\_\_\_

*Points will be deducted for untidy or disorganized answers*

1. (5 points) Integrate the following

(a)

$$\int \sin^3 x \cos^2 x \, dx$$

(b)

$$\int \sin^4 x \, dx$$

(c)

$$\int \sec^4 x \, dx$$

(d)

$$\int \sec x \tan^3 x \, dx$$