# Math 2260 Quiz 8.5 (Practice)

Name  _____

*Points will be deducted for untidy or disorganized answers*

1. Integrate the following

   (a)
   $$\int \sin^6 x \cos^5 x \, dx$$

   (b)
   $$\int \sec^3 x \, \tan^3 x \, dx$$

   (c)
   $$\int \tan^3 x \, dx$$

   (d)
   $$\int \sec x \, \tan^2 x \, dx$$

   *Hint: Use integration by parts*