

Math 241 Fall 2017

Quiz 5

Name: \_\_\_\_\_

Show all work and circle/box your final answer. All answers must be simplified unless stated otherwise. Turn in when done.

**1.** (5 points) Find  $\frac{d}{dt} \int_0^{t^2} u^{1/3} du$

**2.** (5 points) Evaluate  $\int \frac{\cos x}{\sqrt{\sin x}} dx$