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 $\dfrac{d}{dt} \displaystyle\int_0^{t^4} \sqrt{u}\ du$

2. (*5 points*) Evaluate $\displaystyle\int 2x\sqrt{4 + x^2}\ dx$