

Name: _____

Quiz 1

Math 252

You have 20 minutes to complete this quiz. When you're finished, first check your work if there is time remaining, then turn it in. You may use your class notes (i.e. not the online notes), and a scientific calculator, but not a graphing one. You may not consult other people or the internet. **Show all your work.**

1. (8 points) Compute $\sum_{i=0}^5 (2i + 1)$.

2. (4 points) Write or sketch a picture of the regular partition of $[0, 1]$ with 4 subintervals.

3. (8 points) Compute the Right Riemann sum with 4 subintervals of $f(x) = \sqrt{x}$ on $[0, 1]$. Draw a picture of the rectangles.