

**Intensive Calculus - Math 134**

**Spring 2008**

**Professor Anderson**

**Quiz 7 - Topics**

1. Find the volume of a solid of revolution generated by rotating a single curve about the  $x$  or  $y$ -axis (like 6.2 # 1, 3, 4).
2. Find the volume of a solid of revolution generated by rotating the area between curves about an axis (like 6.2 # 5, 9, 10).
3. Find the length of a curve (like 6.3 # 1, 7, 20, 21). Tables may be used to compute the integral if necessary.
4. Find the average value of a function (like 6.4 # 1, 2, 5, 13, 14, 15).