**Calculus 2** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Practice Chapter 8 Test**

**Evaluate the following (use radians when appropriate):**

1.  2.  3. 

4.  5.  6. 

7.  8.  9. 

**Find the derivative of each of the following:**

1.  11.  12. 
2.  14.  15. 
3.  17.  18. 

**Integrate the following:**

1.  20.  21. 
2.  23.  24. 

25.  26.  27. 

1. Find the area enclosed by  , x = 0 and x = 4, above the x-axis.
2. Find the volume enclosed by  , x = , x =  and y = 0, revolved about the x-axis.