**Calculus 2**

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

**Practice Chapter 8 Test**

Evaluate the following (use radians when appropriate): [[\*idle~ptims\*]]

1. 1. 
2. 2. 
3. 3. 
4. 4. 
5. 5. 
6. 6. 
7. 7. 
8. 8. 
9. 9. [[\*idle~ptime\*]]

Find the derivative of each of the following: [[\*idle~ptims\*]]

1. 10. 
2. 11. 
3. 12. 
4. 13. 
5. 14. 
6. 15. 
7. 16. 
8. 17. 
9. 18. [[\*idle~ptime\*]]

Integrate the following: [[\*idle~ptims\*]]

1. 19. 20. 21. 
2. 22. 23. 24. 
3. 25. 
4. 26. 
5. 27. [[\*idle~ptime\*]]
6. Find the area enclosed by [[\*idle~ptims\*]], x = 0 and x = 4[[\*idle~ptime\*]], above the x-axis.
7. Find the volume enclosed by [[\*idle~ptims\*]], x = , x =  and y = 0[[\*idle~ptime\*]], revolved about the x-axis.