MAC 2311 Hybrid Calculus I (B)

**Section 4.8**

1. Find

2. = 4x5/5+x+C

3. Solve the IVP ANS:

4. Solve the IVP

ANS:

5. Determine =

6. Find

7. Find

8. Find

9.

10. Find the position s(t) given the velocity function with the initial condition s(0)=0.

ANS: s(t)=2sin(t)

11. True/False: If , then ; Explain.

12. True/False: If , then is the antiderivative of ; Explain.