MAC 2311 Hybrid Calculus I (B)

**Section 3.2-3.4**

1. Find the derivative of. Simplify before taking the derivative. Use the Power Rule Only. Do not use the product or quotient rules.

2. Find the derivative of Simplify before taking the derivative. Use the Power Rule Only. Do not use the product or quotient rules.

3. Find the derivative of

4. Find the equation of the tangent line to the graph of at *x*=1

5. Given find.

6. Find.

7. Find

8. Find

9. Find

10. **=**

11. If *f* ′ exists, then find

12.