MAC 2311 Hybrid Calculus I (B)

Name Quiz #5 (3.5-3.6, Exp**)** Take-Home. Show all work.

1. Find the derivative of.

2. Use logarithmic differentiation to find the derivative of.

3. Find the derivative of.

4. Find the derivative of.

5. Use Implicit differentiation to find the slope of the tangent line to the graph of

at the point (π/2,π/4).