MAC 2311 Hybrid Calculus I (B)

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

1. Find the derivative of.

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Find the derivative of.

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Find the velocity and acceleration of the position function at.

Answers: v(0)=\_\_\_\_\_\_\_\_\_\_\_\_\_\_; a(0)=\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Find the derivative of.

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_