Chapter 3 Test Review   All No Calculator

2. Sketch the graph of a velocity curve from the graph of the position. 3.4 #11

3. Find dy/dx for trigonometric functions. Ch Rev. #15, #3

4. Determine values of x for which a function is differentiable. Ch Rev #31 - 34

5. Find dy/dx and d^2y/dx^2 for a polynomial function.

6. Find the x and y coordinates where a curve has horizontal tangents. 3.3 #39

7. Use the product rule to find the derivative (polynomials)

8. Find derivatives using numerical values. Ch Rev #68

9. Find derivatives of functions with negative and rational exponents. Ch Rev #7,   3.3 # 32

10. Analyze particle motion given position equation.
        3.4 #19 a-e

11. Find the jerk function, given an equation for simple harmonic motion.

12. Find the line tangent to the graph of a trigonometric function. Ch Rev #46, 47

13. Given the graph of a function, determine where it is differentiable.