**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

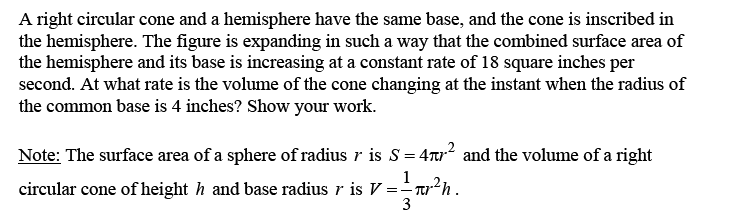
**November 28th, 2012**

**AP Calculus 1, Mrs. Sulkes**

**Review for Test #3, Q2**

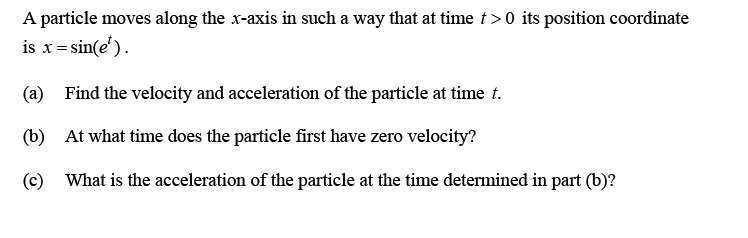
**Motion, Deriv. of Inv Trig, Related Rates, EVT, Critical Points**

1.

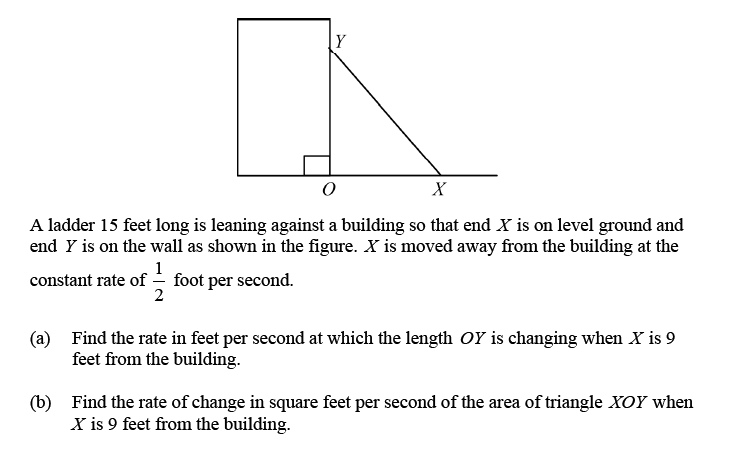


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2.



3.



4. Find the first derivative of each of the following functions.

a. 

b. 

5. Find the equation of the tangent line to the curve  at the point

(1, 0).

6. Complete: p. 187 #23, 35 and p. 278 #1, 3, 4, 15, 17