

Unit 2 Review

Thursday, March 05, 2009
1:57 PM

Test is out of 44.

15 Multiple Choice Questions

7 Written Questions

Topics to know for multiple choice:

1. Find average rate of change (slope of the secant line)
2. Find the 2nd derivative.
3. Trig derivative.
4. Chain rule.
5. Find the equation of a tangent line.
6. Find the inverse.
7. Log rules.
8. Exponential equation problem.
9. Implicit differentiation.
10. Log/exponential differentiation
11. Find exact value of inverse trig functions.
12. Derivative of inverse trig functions

Written:

1. Given a function, find the average rate of change on an interval and the instantaneous rate of change at a point.
2. Use the definition of the derivative to calculate the slope of a given function.
3. Chain rule derivative.
4. Implicit differentiation question with tangent and normal lines.
5. Log differentiation.
6. Inverse trig differentiation.
7. Related Rate