

Reading Quiz 07 for Calculus A

Name : _____ Student ID # : _____ Score : _____

Read pages 259-277 of chapter 5

OR read the online pages

<http://tutorial.math.lamar.edu/Classes/CalcI/AreaProblem.aspx>

<http://tutorial.math.lamar.edu/classes/calcI/DefnofDefiniteIntegral.aspx>

<http://tutorial.math.lamar.edu/Classes/CalcI/ComputingDefiniteIntegrals.aspx>

1. What is a Riemann sum?
2. What is the definite integral of a function f over a closed interval $[a, b]$?
3. What is the relation between definite integrals and area?
4. State all 11 properties of definite integrals from the online pages.
5. State the Fundamental Theorem of Calculus, both Part 1 and Part 2.