Concepts to know for DA's

DA #1 - You should know:

One sided limits (including problems that involve absolute values), limit as x approaches infinity, dealing with indeterminate forms

DA # 2 – You should know:

Be able to write the equation of the tangent line given different situations

DA # 3 – You should know:

Derivatives, power rule, product rule, quotient rule, **CHAIN RULE**, Basic Trig Derivatives

DA # 4 – You should know:

Implicit Differentiation, first and second derivatives

DA # 5 – You should know:

Related Rate Problem, which include knowing formulas and implicit differentiation

DA # 6 – You should know:

Extrema, Critical points, points of inflections, where the graph is increasing/decreasing, is concave up/down

DA # 7 – You should know:

Riemann Sum, Right, Left, Trapezoidal, Midpoint, Creating your own table when necessary

DA # 8 – You should know:

The Second Fundamental Theorem of Calculus (Don't forget to chain when the upper limit is other than an x)

DA # 9 – You should know:

More Derivatives involving Trig, ln, e

DA # 10 – You should know:

Area between curves, volume revolved around x and y axis, or any other axis.