

AP Calculus AB – 4<sup>th</sup> Quarter Assessment Grades Name: \_\_\_\_\_

Key: *D-DE: Differential Equations*

*I-A Applications of Integrals*

Most recent grade entered in Powerschool. Each standard is assessed at least twice. Re-taking an assessment requires proof of completed homework. AP Course Description: <http://bit.ly/apcalcabcd>

I-A5b: Volume, Washer method: I can use a definite integral to find the volume of a solid formed by rotating a region around a given axis. (non-axis line).

Date						
Score						

I-A5c: Volumes by Cross Sections: I can use the definite integral to find the volume of solids with cross-sections of various shapes.

Date						
Score						

D-DE4: Making Slope Fields: Given a differential equation, I can construct the slope field and match slope fields with differential equations. Given a point, I can use a slope field to plot a particular solution to a DE.

Date						
Score						

D-DE1: Write a Diff Eq: Given a written scenario, I can write a differential equation that models behavior.

Date						
Score						

D-DE2: Find Particular Solution: Given a separable differential equation and initial conditions, I can find the particular solution.

Date						
Score						

D-DE3: Exponential Equations, Separation of Variables: I can use separation of variables to model exponential growth/decay and find particular solutions to differential equations.

Date						
Score						

### Review Presentation 1

Date						
Score						

### Review Presentation 2

Date						
Score						

### AP FRQ 1 or Roller Coaster Project 1

Date						
Score						

### AP FRQ 2 or Roller Coaster Project 2

Date						
Score						

<u>Score</u>	<u>Grade in PS</u>
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4: Advanced (Complete understanding of the concept. Can apply this concept to situations beyond expectation)	96
3: Proficient (Understanding of the concept possibly with minor errors.)	86
2: Basic (Some understanding of the concept with major errors. Needs to remediate this concept.)	66
1: Below Basic (Does not have an understanding of this concept. Intense remediation is necessary.)	50
0: No attempt was made.	0

If a student scores a 4 on their first two assessments, they will receive a 5 (or 100) for that standard.