

CALCULUS 12 LG 19

UNIT 4 TEST



EVALUATION:

This is the Unit 4 test which will be on the expectations from LG 15-18

The test is out of 38.

There are 10 written questions.

TOPICS YOU SHOULD KNOW:

- Riemann Sums (Left, right, mid point).
- Indefinite integrals
- Definite integrals
- Fundamental Theorem of Calculus – Part 2
- Position, velocity, acceleration.
- Displacement and total distance travelled.
- Average value on an interval.
- Find area between 2 curves.
- Find volume of solids by cross sections
- Find volume of solids by revolution
- Solve separable differential equations with an initial value.
- Solve differential equations within a word problem.

To prepare for the unit test, you could do one or all of the following:

- Re-watch the instructional videos.
- Review your notes and journal entries.
- Re-do some questions from the learning guides on the above topics.
- Complete the practice quizzes for Chapters 7, 8 and 10 (but only the questions that deal with the above topics as we skipped sections 7.8 & 7.9, 8.3-8.8 and 10.2). You can access the practice quizzes at sd42onlinemath.yolasite.com or click [here](#).