



## Summer Assignment for the 2019-2020 School Year

**Course:** Advanced Placement Calculus AB

**Textbook:** Larson, Ron, and Bruce H. Edwards. *Calculus*. 10e AP Edition ed. Belmont, CA: Brooks/Cole, Cengage Learning, 2014. Print.  
ISBN: 978-1-305-95287-4

Welcome to AP Calculus AB. I am looking forward to an exciting school year of learning Calculus with every single one of you. As a college level course, AP Calculus is both challenging and rewarding. To get ready for the course, students are asked to complete the following assignments from the textbook before the first day of school. All work will be checked. We will be spending the first and second day of class going over any material needed from this work. There will be a summative assessment on the third day of class to review your pre-calculus skills. Come to class the first day of school with your assignment completed and ready with any questions. I am excited to be working with all of you in the upcoming school year.

### 2019-2020 AP Calculus AB Summer Assignment:

- ❖ Students must know the unit circle and the values of the six trigonometric functions corresponding to the angles measures on the unit circle.
- ❖ Read the sections 1-3 in the preparation chapter of the textbook and complete the following problems.
  - Section P.1: p. 8 # 1-66
  - Section P.2: p. 16 # 1-4, 5-15 odd, 16-22, 25-29 odd, 30, 31-35, 39, 49, 57, 67
  - Section P.3: p. 27 # 1-10, 11-39 odd, 40, 43-49 odd, 51-62, 63-69 odd, 77, 83-86