

# AP CALCULUS AB

## Summer Assignment 2024

### Parrish Community High School

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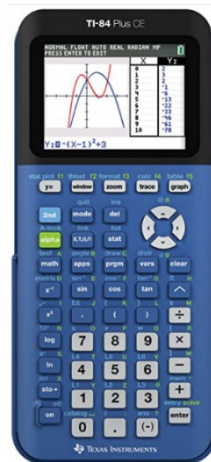
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#### Be Prepared for AP Calculus:

- Review the “Things to Know for Calculus” Handout. This handout has a ton of good information that should be common knowledge heading into any Calculus course.
- Memorize the unit circle **in radians** (including coordinates of the special right triangles). See page 2 “The Unit Circle” to practice. During the first week of school, you will have a timed (3 minute) quiz in which you will need to fill out the unit circle on page 2.
- You must have a graphing calculator for this course. The AP Exam requires that you be proficient in the use of the graphing calculator. I will be using a TI-84 Plus in class. It is recommended that you purchase the same one. If you choose not to purchase your own, you must check one out from the Media Center during the first week of school.
- I use Flipped Calculus as the main way to take notes in this course. It is highly recommended to purchase this [AP Calculus AB Workbook](#). This is an amazing resource that follows the exact order recommended by College Board for AP Calculus AB. It will keep your class notes in one, organized workbook. It provides space to write while you take notes and complete practice. There are also free videos online for every set of notes. If you are absent or need to review a topic it is easy to get information. If you are not able to/do not want to purchase this workbook, I will post a PDF for every lesson. You can print the PDF's and organize as you prefer.



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#### 2024 Summer Assignment:

This assignment is **recommended** to be completed to keep some basic skills sharp over the summer. We will be reviewing answers and going over questions the first week of school. The packets themselves will not be graded, but you will have a quiz the second week of school on concepts being reviewed in these packets.

- Complete the “Calculator Skillz Packet.” The first two pages are notes. If you need a refresher on some calculator skills, I recommend watching the video <https://youtu.be/3UToWi36kSc>.
- Complete the “Non-Calculator Skillz Packet.” All the problems in this packet should be done WITHOUT the use of a calculator.

If you have any questions email me at [jamese@manateeschools.net](mailto:jamese@manateeschools.net)

Enjoy your summer! I look forward to meeting each of you in August 😊

~ Mrs. James

# The Unit Circle

Label each point on the unit circle. Write the radian measure at each point.  
Complete in 3 minutes.

