

WEEK OF: SEPTEMBER 7, 2020

CLASS: Calculus

TEACHER: Tate

CONTACT INFO:

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OBJECTIVES:

Students will be able to describe the meaning of Limits in Calculus.

Students will be able graph a polynomial and rational function using Desmos and show the limit as x approaches a given value.

Students will be able to use substitution to find the limit of a polynomial and rational function as x approaches a given value.

ZOOM LINKS:

Zoom links for synchronous time will be posted to their Calculus Team in Teams. The links will be posted the morning of the meeting or the previous evening.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #1
(9-8-2020):**

Students are to watch unit 1.1 Polynomial Limits Video and do the practice problems in the video.

Students are to practice using equation editor to type math in a word document. A video to help is located in Teams – Files, Class Materials, Resources.

YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #1:

Students are to complete assignment 1.1. It is due 9-10-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor. Desmos will be used for graphs.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #2
(9-11-2020):**

Students are to watch unit 1.2 Rational Limits Video and do the practice problems in the video.

YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #2:

Students are to complete assignment 1.2. It is due 9-14-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor. Desmos will be used for graphs.

IDEAS FOR USING YOUR ASYNCHRONOUS TIME:

Watch the video.

Work the practice problems.

Write down any questions you may have. Be sure to include the slide number.

Practice Equation Editor.

DUE DATES:

Assignment 1.1 Due 9-10-2020 at 11:59 PM

Assignment 1.2 Due 9-14-2020 at 11:59 PM

TEST DATES:

No test this week

OFFICE HOURS:

Office hours are Tuesday, Wednesday, Thursday, Friday from 11:45-12:45.

It is a drop-in format. Students will have the link posted to their Team's page and if they have a question they can drop in and ask the questions.