

Summer Skills Work - Overview

AP Calculus BC - Unit 1: Summer + Limits & their Properties

Welcome!

I have some practice for you to do over the summer to keep your math skills sharp!

Part I: Pre-Calc Skills Problem Set

- Complete the [Pre-Calc Skills assignment](#) on looseleaf or graph paper.
 - Each student should do every problem.
 - The entire assignment is due the first day of class.
- Post your fully-worked solutions to a few problems.
 - You're each assigned 3-4 problems. (see next page)
 - You will post the complete worked out solutions on our Schoology page.
 - i. I'd like to proofread these before you post them. Email me photos/scans of your solutions by **August 1st**, please.

Part II: BHQ Zero

I'll have a Kahoot quiz ready for you after next week's exams that you can use to practice some essential skills over the summer.

- Take the AP Calculus BC BHQ "Zero" in **August** before school starts.
 - You can take it throughout the summer, but be sure at least a few of those times are in August.
- Take the quiz enough times to get 4 scores of 85% or higher on 4 different calendar days.
- Take the quizzes without a calculator and without looking up information. You really need to know these concepts by heart.

Part III: Head Start on Unit 1: Limits

- In an effort to get a jump on our list of topics for the year, you'll be studying a couple topics on your own before class begins in the fall. You should be familiar with these topics if you've had calculus already, so I'm trusting you to handle them on your own. Of course, we can talk about any lingering questions on our first day of class.
- [APcalcBC 01.2 - Finding Limits Numerically & Graphically - ProbSet](#)
- [APcalcBC 01.3 - Evaluating Limits Analytically - ProbSet](#)

What to Expect during the First Week of Class

Day	Topics & Activities
1	Questions from Summer Skills Work Continuity & One-Sided Limits
2	Infinite Limits
3	Review Unit 1: Limits
4	Unit 1: Limits -- Test

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Part I: Pre-Calc Skills Problem Set Assignments

Prob. #	Name
1	Gerber, Bridget Anne
2	Johnson, Chloe Gabriele
3	Kyba, Erika Perlingeiro
4	McCarr, Elizabeth Ann
5	Norman, Katherine Abigail
6	O'Shaughnessy, Mairin Rose
7	Oliver, Kendall Rose
8	Pagel, Cady Elizabeth
9	Passe, Ella Dorothy
10	Sukup, Ella Grace
11	Tennessee, Nola Kolar
12	Tucci, Anna Cecelia
13	Gerber, Bridget Anne
14	Johnson, Chloe Gabriele
15	Kyba, Erika Perlingeiro
16	McCarr, Elizabeth Ann
17	Norman, Katherine Abigail
18	O'Shaughnessy, Mairin Rose
19	Oliver, Kendall Rose
20	Pagel, Cady Elizabeth
21	Passe, Ella Dorothy
22	Sukup, Ella Grace
23	Tennessee, Nola Kolar

Prob. #	Name
24	Tucci, Anna Cecelia
25	Gerber, Bridget Anne
26	Johnson, Chloe Gabriele
27	Kyba, Erika Perlingeiro
28	McCarr, Elizabeth Ann
29	Norman, Katherine Abigail
30	O'Shaughnessy, Mairin Rose
31	Oliver, Kendall Rose
32	Pagel, Cady Elizabeth
33	Passe, Ella Dorothy
34	Sukup, Ella Grace
35	Tennessee, Nola Kolar
36	Tucci, Anna Cecelia
37	Gerber, Bridget Anne
38	Johnson, Chloe Gabriele
39	Kyba, Erika Perlingeiro
40	McCarr, Elizabeth Ann
41	Norman, Katherine Abigail
42	Pagel, Cady Elizabeth
43	Oliver, Kendall Rose
44	Sukup, Ella Grace
45	Tennessee, Nola Kolar
46	Tucci, Anna Cecelia