

## **2024 RBC MATH SUMMER ASSIGNMENT**

Welcome to the 2024 RBC Math Summer Assignment. This assignment is designed to help you review the skills needed to help you be successful in class this year. You will be graded on completion, accuracy, as well as a test. Each Khan Academy topic consists of 4 questions. You must complete all topics with a 75% success rate or better to receive full credit for the summer assignment. The combined summer packet/basic skills test will take place in all math classes on Monday, September 9.

Should you need help with a topic, there are optional videos to watch that will teach you how to do each topic. Directions on how to access those videos are included below along with instructions on how to join your class assignment.

If you have any questions on how to join your respective Khan Academy class, access the instructional videos, or how to complete your assignment, please email Ms. Alexander at [calexander@redbankcatholic.com](mailto:calexander@redbankcatholic.com)

Have a great summer and see you in the fall!  
-The RBC Math Department

### **LINKS TO JOIN YOUR CLASS**

CP Algebra I: <https://www.khanacademy.org/join/4AVMJWUQ>

ACP Algebra I: <https://www.khanacademy.org/join/GAWAEUQQ>

CP Geometry: <https://www.khanacademy.org/join/U52H4ZWD>

ACP/Honors Geometry: <https://www.khanacademy.org/join/UX5P3TQS>

CP Algebra II: <https://www.khanacademy.org/join/GVBS2KEW>

ACP/Honors Algebra II: <https://www.khanacademy.org/join/DWTZ32M3>

CP Concepts of Precalculus: <https://www.khanacademy.org/join/GG84WY25>

ACP Precalculus: <https://www.khanacademy.org/join/ERHAYYQH>

Honors Precalculus: <https://www.khanacademy.org/join/5TT5QWVN>

AP Precalculus: <https://www.khanacademy.org/join/EQA9JANS>

ACP Concepts of Calculus: <https://www.khanacademy.org/join/NZ32BY92>

Honors Calculus: <https://www.khanacademy.org/join/D4M5CCX2>

AP Calculus AB: <https://www.khanacademy.org/join/65SWG893>

AP Calculus BC: <https://www.khanacademy.org/join/W2SNWB3R>

AP Statistics: <https://www.khanacademy.org/join/3KD8TSP2>

## HOW TO CREATE A KHAN ACADEMY ACCOUNT & JOIN YOUR CLASS ASSIGNMENT

1. Go to the link for the math class you are taking in the 2024–2025 school year. It will bring you to a page that says “You’re joining: [your class name here]”

You're joining: AP Calculus BC Summer

Create a new account

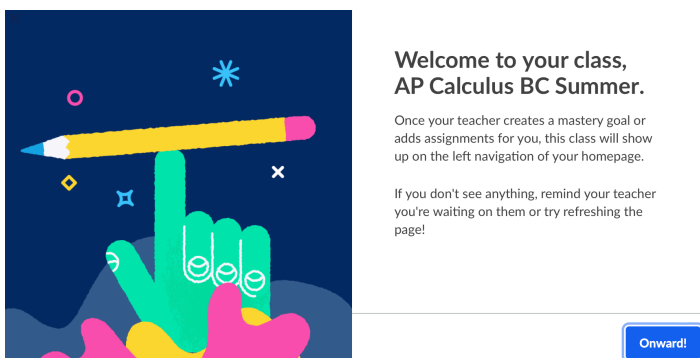
Log in to your existing account

2. Create a new account or log into your existing account.

To create a new account, Khan Academy will ask you for your:

- Date of Birth
- Choose “Sign up with Email”
- Please use your **full first name and last name**, and choose an email address and password that you will remember

Already have an account? Choose “Log in to your existing account” instead and type in your email and password.



3. Choose “Assignments” at the top of the menu on the left hand side of the screen.

CP ALGEBRA 1 SUMMER

Assignments

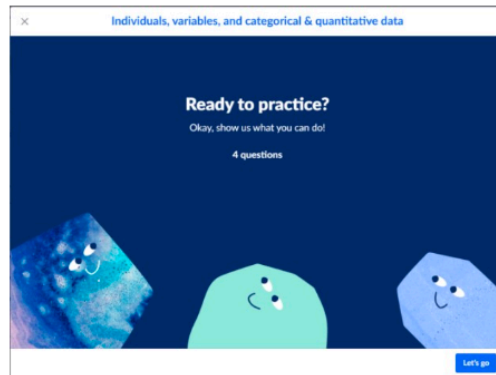
MY STUFF

Courses

4. All of the assignments will show up in a list. Start at the top and work your way down.

## How to access instructional videos:

- There are many ways to access the instructional videos; however, I will describe the most straightforward way below.
- When you click on any problem set, a new window will appear with the name of the problem set at the top, as shown.



- From here, you have two options:
  1. You can click the “Let’s go” button at the bottom of the window to begin the problem set.
    - If you find that you need help on any particular problem, you can scroll to the bottom of the problem and select “Watch a video or use a hint”.
    - Under “Related Content” any applicable video lessons will appear that will open in a new tab when selected. You can watch the video, then close the tab and answer the question.
  2. You can click on the name of the problem set at the top of the window (“Individuals, variables, and categorical & quantitative data” in the example above)
    - This will change the background page. Click the “x” on the problem set window to close it.
    - The page will show the first question in the problem set, but there will be a menu on the left hand side that will show all of the resources for that section.
    - The instructional videos will appear in the menu with play symbols next to them. Any videos above the blue highlighted problem set will be applicable to those questions.

Math > AP®/College Statistics > Analyzing categorical data > Analyzing one categorical variable

Identifying individuals, variables and categorical variables in a data set

Practice: Individuals, variables, and categorical & quantitative data

Creating a bar graph

Reading bar charts: comparing two sets of data

Next lesson  
Two-way tables

## Individuals, variables, and categorical & quantitative data

AP.STATS: VAR-1 (EU), VAR-1.B (LO), VAR-1.B.1 (EK), VAR-1.C (LO), VAR-1.C.1 (EK), \ (EK)

Google Classroom Facebook Twitter Email

The girl's basketball team played a game this Wednesday. Here are some of the statistics for the team from the game.

Player name	Free throw percentage	Assists	Class
Simone	100%	4	Junior
Maricel	75%	3	Junior
Derin	80%	7	Senior
Alli	90%	2	Senior
Asha	50%	0	Sophomore
...	...	...	...

The individuals in this data set are:  
Choose 1 answer:

ⓐ Basketball games