

Each student who wishes to be recommended to take the AP Calculus AB examination *must* speak with me in person this week. Please access the following signin sheet and put your name in an appropriate slot. We will meet in groups of six. If you wish to attend a meeting that you have not signed up for, that is acceptable, but you must sign up for one of the slots on the shared spreadsheet. Do not add any slots.

#### AP Calculus AB Teleconference Signin Sheet

Access the teleconference as a Meeting in Microsoft Teams in the Chatroom channel at the appropriate time. Please have a microphone if at all possible; a camera is optional. We have a lot of work to do, and only two weeks left to do it.

Your AP exam will include 2 free response problems. The College Board is fairly consistent with respect to what types of problems appear on the exam, so for the next two weeks, I would like to focus on what seems to be the most likely things you will encounter. In order, these are

- Graphical: determining information from a graph, probably of the derivative of a function.
- Tabular: determining information from a table of information.
- Differential Equations
- Particle motion
- Related rates

The last three may appear in combination with each other.

Today let's focus on the first of these. Please do the following.

- Read H0420 problem 1 in document HCalABx0420.pdf. Try to do it.
- Watch the video on H0420p1 at Videoland.
- Read the solution to H0420p1 in document HCalABx0420-Solution-p1.pdf.
- Do problem H0420 Problem 2. This is similar, but not the same.
- Go to the college board's website:

#### Past AP Calculus AB Exam Questions

Select a former AP exam. Select a noncalculator free response problem that you would like to go over. Indicate the problem at today's checkin:

0420 AP Calculus AB Checkin