



Unit Homework Packets – AP[®] Calculus AB

For Successful Homework Assignments you need to:

- Clearly label assignments and number each problem (Include Unit # & Title and Lesson # & Title according to our class instruction)
- Circle or highlight or label problem numbers for easy identification—no credit if I can't identify the problems.
- Show work and write answers to problems in context.
- Correct your homework by looking at the student solution guide. Show proof by using a red/blue or bright color pen, and write explanations as to what you did wrong.
- Conserve paper—do not use a new sheet of paper for each assignment
- Prepare your homework packet to turn in, start by putting the **Homework Cover Sheet** on top of the homework packet. ***This can be downloaded from the google classroom the day before the unit test.***
- Put textbook problems in ascending order.
- Put worksheets, activities, video guides, and applets explorations etc. that have not already been collected and assigned as homework behind the textbook work in the assigned order— do not include assignments that have been graded and returned.
- Put your homework packet together at home; please use a **binder clip** not a plain paper clip or staples

If you fail to do homework nightly, it WILL pile up!

Homework will be stamped for completion the following day it is due. If you fall behind, you will not receive full credit.



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Calculator notes:

These may be written in sequence of buttons, sketches etc.

Example:

Solve by graphing – Using the Intercept function: TI84: [2nd][F4:CALC][5]

Find the numerical value of a derivative at a point $f'(a)$.

a. TI84 syntax:

- Home screen [MATH][8] and fill in the template

$$\frac{d}{dx} () |_{x=}$$

Old syntax: **nDeriv (f(x), x, a)** gives $f'(a)$.

- Graph screen [2nd][calc][6] then enter the value of a from the keyboard (or trace to the point if it shows up *exactly* at the bottom of the screen.