

AP Calculus: TI-89 Graphing Tidbits

Always start from "HOME"

Graphing Functions:

- ① "◆" (Diamond)
- ② "F₁" (Y=)
- ③ Type in function
- ④ Hit "ENTER"
- ⑤ "◆" (Diamond)
- ⑥ "F₃" (Graph)

changing window:

- ① Have graph displayed
- ② "F₂" (Zoom)
 - Zoom In (2)
 - Zoom Out (3)
 - Zoom Std (6)
 - Zoom Box (1)

or

- ③ "◆" ; "F₂" (custom window)

Note: X scale & y scale
is usually best to
keep at 1.

Finding Intersection Points:

- ① Make sure you can see intersection points on graph. If you can't, hit "F₂" , "Zoom Fit" (A)
- ② Hit "F₅"
- ③ Hit "Intersection" (5)
- ④ 1st curve? → Hit "ENTER"
- ⑤ 2nd curve? → Hit "ENTER"
- ⑥ Lower Bound? → Choose point to the LEFT of Intersection Point. Hit "ENTER"
- ⑦ Upper Bound? → Choose point to the RIGHT of Intersection Point. Hit "ENTER"
- ⑧ The point of intersection is displayed at the bottom of the screen.

Finding x-intercepts:

- ① Make sure you can see x-intercepts on graph.
- ② Hit "F₅"
- ③ Hit "Zero" (2)
- ④ Lower Bound → Choose a point to the LEFT of the x-int. Hit "ENTER"
- ⑤ Upper Bound → Choose a point to the RIGHT of the x-int. Hit "ENTER"