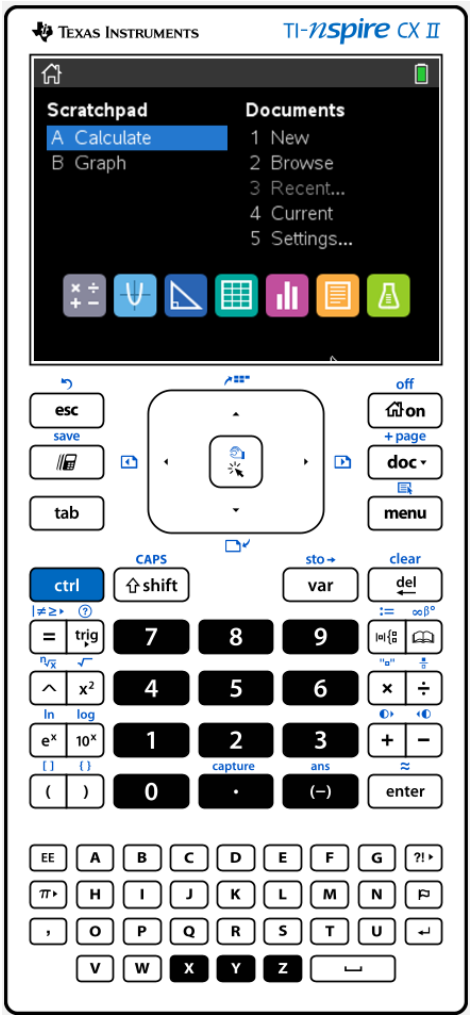
TI-NSPIRE CX AP® CALCULUS REFERENCE SHEET



Skill 1: Graph Functions in an Appropriate Window

- On a graph page, enter the equation
- Press menu >Window / Zoom >Window Settings
- Set the XMin and XMax
- Press menu >Window / Zoom >Zoom - Fit

Skill 2: Solve Equations Graphically

- On a graph page, enter the left and right sides of the equation
- Press menu >Geometry >Points & Lines >Intersection Point(s)
- Click on each graph
- Press esc

Skill 3: Find the Numerical Derivative at a Point

- On a calculator page, press menu >Calculus >Numerical Derivative at a Point
- Set the Variable and Value
- Type $f(x)$ in the box
- Press enter

Skill 4: Evaluate a Definite Integral

- On a calculator page, press menu >Calculus >Numerical Integral
- Type the lower and upper bounds, the function, and the variable of integration
- Press enter

Skill: Define a Function

- On a calculator page, type the function, using :=
  - Press ctrl to get :=

Skill: View More Digits of a Point

- On a graph page, hover over the coordinates of the point until you see the grab hand and the word “text”
- Press +

Skill: Store Coordinates of a Point

- On a graph page, hover over the coordinates of the point until you see the grab hand and the word “text”
- Press var >Store Var
- Enter a variable name
- Press enter