



Desmos Graphing Calculator (Windows) cheat sheet

General symbols

| | |
|------------------------------|-------------|
| ^ | Superscript |
| _ | Subscript |
| < then = | ≤ |
| > then = | ≥ |
| ' | Prime |
| Type frac: fraction | |
| Type sqrt: $\sqrt{\quad}$ | |
| Type cbrt: $\sqrt[3]{\quad}$ | |
| Type nthroot: nth root | |
| Type sum: Σ | |
| Type int: \int | |
| Type prod: \prod | |
| Type pi: π | |
| Type theta: θ | |
| - then > | → |

Table entry

| | |
|--------------------|---------------------|
| Shift + Tab | Previous cell |
| Tab | Next cell |
| Up arrow | Previous row |
| Down arrow | Next row |
| Left arrow | Previous column |
| Right arrow | Next column |
| Ctrl + Up arrow | First row in column |
| Ctrl + Down arrow | Last row in column |
| Ctrl + Left arrow | First column in row |
| Ctrl + Right arrow | Last column in row |
| Ctrl + H | Speak column header |

Sliders

| | |
|-------------|------------------------------------|
| Left arrow | Decrease value |
| Page Down | Decrease value by larger increment |
| Right arrow | Increase value |
| Page Up | Increase value by larger increment |
| Home | Lowest value |
| End | Highest value |

Audio tracing

| | |
|--------------------------------|--|
| Alt + T | Enable or disable Audio Trace Mode |
| Alt + S | Summarize selected curve |
| Alt + G | Describe the graph axes |
| Left arrow or Up arrow or J | Previous point |
| Right arrow or Down arrow or L | Next point |
| Page Up or Shift + Tab or K | Previous point of interest |
| Page Down or Tab or I | Next point of interest |
| Home or U | First point |
| End or N | Last point |
| P | Speak point of interest count |
| X | Speak X coordinate |
| Y | Speak Y coordinate |
| C | Speak color |
| B | Speak branch |
| T | Speak type of selected point |
| O | Move to origin |
| Alt + Up arrow | Move to previous curve |
| Alt + Down arrow | Move to next curve |
| H | Hear graph |
| [0 - 9] | Hear only branch 1 through 10 |
| Alt + 1 | ... to 5: adjust playback speed (1 slowest, 5 fastest) |
| V | Increase volume |
| Shift + V | Decrease volume |
| A | Announce active slider animations |

Slider trace

| | |
|------------------|---|
| S | Toggle slider trace mode |
| Left arrow or J | Decrease value of selected slider |
| Page Down | Decrease value of selected slider by larger increment |
| Right arrow or L | Increase value of selected slider |
| Page Up | Increase value of selected slider |

| | |
|------------------------------|--|
| | by larger increment |
| Home or U | Move to lowest value of selected slider |
| End or N | Move to highest value of selected slider |
| Down arrow or Tab or K | Select next slider |
| Up arrow or Shift + Tab or I | Select previous slider |

Interactive points

| | |
|---------------------|---|
| Ctrl + Alt + P | Focus first interactive point on screen |
| Tab | Go to next interactive point |
| Shift + Tab | Go to previous interactive point |
| Right arrow | Increase X |
| Left arrow | Decrease X |
| Up arrow | Increase Y |
| Down arrow | Decrease Y |
| Shift + Right arrow | Increase X by larger amount |
| Shift + Left arrow | Decrease X by larger amount |
| Shift + Up arrow | Increase Y by larger amount |
| Shift + Down arrow | Decrease Y by larger amount |
| X | Speak X coordinate |
| Y | Speak Y coordinate |
| L | Speak label |
| C | Speak color |

Common actions

| | |
|------------------|---|
| Esc | Close a dialog |
| Shift + Alt + E | Show or hide the expression list |
| Ctrl + Alt + E | Focus the expression list |
| Ctrl + Shift + O | Open options for the focused expression |
| Ctrl + Shift + D | Delete the focused expression |
| Ctrl + Alt + X | Add an expression |
| Ctrl + Alt + O | Add a note |
| Ctrl + Alt + F | Add a folder |
| Alt + Up arrow | Collapse the selected folder |
| Alt + Down arrow | Expand the selected folder |

| | |
|--------------------------|---------------------------------------|
| Alt + Shift + Up arrow | Collapse all folders |
| Alt + Shift + Down arrow | Expand all folders |
| Ctrl + Alt + I | Add an image |
| Ctrl + Alt + T | Add a table |
| Ctrl + Z | Undo |
| Ctrl + Shift + Z | Redo |
| Ctrl + Alt + D | Turn edit list mode on or off |
| Ctrl + Alt + G | Open or close the graph settings menu |

Web browser only

| | |
|----------------|---------------------------------|
| Ctrl + / | Open keyboard shortcuts dialog |
| Ctrl + O | Open a graph |
| Ctrl + S | Save a graph |
| Ctrl + P | Print a graph |
| Ctrl + Alt + A | Open or close the account menu |
| Ctrl + Alt + H | Open or close the help menu |
| Ctrl + Alt + L | Open or close the language menu |
| Ctrl + Alt + S | Open or close the share menu |

Braille

| | |
|---------|-------------------------------|
| Alt + N | Switch to nemeth |
| Alt + U | Switch to UEB |
| Alt + Q | Switch to print |
| Alt + 6 | Turn braille typing on or off |

Expression entry and navigation

| | |
|-------------------------|-----------------------------------|
| Up arrow or Shift + Tab | Move to previous expression |
| Down arrow or Tab | Move to next expression |
| Backspace | Remove selected empty expression |
| Left arrow | Previous character |
| Right arrow | Next character |
| Up arrow | Move to numerator within fraction |
| Down arrow | Move to denominator within |

| | |
|---------------------------------|---------------------------------|
| | fraction |
| Tab | Exit current block |
| Home | Beginning of current block |
| End | End of current block |
| Ctrl + Home | Beginning of current expression |
| Ctrl + End | End of current expression |
| Shift + Left arrow | Increase selection left |
| Shift + Right arrow | Increase selection right |
| Backspace | Delete selection |
| Ctrl + A | Select all |
| Ctrl + Alt + Up arrow | Speak parent block |
| Ctrl + Alt + Down arrow | Speak focused block |
| Ctrl + Alt + Left arrow | Speak left-adjacent block |
| Ctrl + Alt + Right arrow | Speak right-adjacent block |
| Ctrl + Alt + Shift + Down arrow | Speak selection |
| Ctrl + Alt + = | Speak answer |

Source: Desmos

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More information: defkey.com/id/desmos-graphing-calculator-windows-shortcuts

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