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| Global Commands | |
| **Function Shortcut** | |
| Open Hotkey Shortcuts Dialog | COMMAND + / |
| Close a Dialog | Esc |
| Open a Graph | COMMAND + O |
| Save a Graph | COMMAND + S |
| Print a Graph | COMMAND + P |
| Focus the Expression List | CTRL + COMMAND + E |
| Show or Hide the Expression List | SHIFT + COMMAND + E |
| Open Options for the Focused Expression | CTRL + SHIFT + O |
| Show or Hide the Selected Expression | SHIFT + COMMAND + H |
| Delete the Focused Expres-sion | CTRL + SHIFT + D |
| Toggle between Fraction and Decimal Evaluation for the Focused Expression | SHIFT + COMMAND + A |
| Toggle Between Degrees and Radians | CTRL + D |
| Show or Hide the Keypad | CTRL + K |
| Mute or Unmute Audio Playback | CTRL + M |
| Add an Expression | CTRL + COMMAND + X |
| Add a Note | CTRL + COMMAND + O |
| Add a Folder | CTRL + COMMAND + F |



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| **Function Shortcut** | |
| Collapse the Selected Folder | COMMAND + Up Arrow |
| Expand the Selected Folder | COMMAND + Down Arrow |
| Collapse All Folders | SHIFT + COMMAND + Up Arrow |
| Expand All Folders | SHIFT + COMMAND + Down Arrow |
| Add an Image | CTRL + COMMAND + I |
| Add a Table | CTRL + COMMAND + T |
| Undo | COMMAND + Z |
| Redo | COMMAND + SHIFT + Z |
| Zoom In | CTRL + + |
| Zoom Out | CTRL + - |
| Restore Default Zoom | CTRL + 0 |
| Zoom to Fit | OPTION + SHIFT + Z |
| Toggle Edit List Mode | CTRL + COMMAND + D |
| Open or Close the Graph Settings Menu | CTRL + COMMAND + G |
| Open or Close the Account Menu | CTRL + COMMAND + A |
| Open or Close the Help Menu | CTRL + COMMAND + H |
| Open or Close the Language Menu | CTRL + COMMAND + L |
| Open or Close the Share Menu | CTRL + COMMAND + S |
| Math Editor Keys | |
| **Function Shortcut** | |
| Move to Previous Expression | Up Arrow or SHIFT + TAB |
| Move to Next Expression | Down Arrow or TAB |
| Remove Selected Empty Expression | Delete |
| Previous Character | Left Arrow |
| Next Character | Right Arrow |
| Move to Numerator Within Fraction | Up Arrow |
| Move to Denominator Within Fraction | Down Arrow |
| Exit Current Block | TAB |
| Beginning of Current Block | Fn + Left Arrow |
| End of Current Block | Fn + Right Arrow |
| Beginning of Current Expression | CTRL + Fn + Left Arrow |
| End of Current Expression | CTRL + Fn + Right Arrow |
| Increase Selection Left | SHIFT + Left Arrow |
| Increase Selection Right | SHIFT + Right Arrow |
| Delete Selection | Delete |
| Select All | COMMAND + A |
| Speak Parent Block | CTRL + OPTION + Up Arrow |
| Speak Focused Block | CTRL + OPTION +Down Arrow |

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| **Function Shortcut** | |
| Speak Left-Adjacent Block | CTRL + OPTION + Left Arrow |
| Speak Right-Adjacent Block | CTRL + OPTION +Right Arrow |
| Speak Selection | CTRL + OPTION + SHIFT +Down Arrow |
| Speak Answer | CTRL + OPTION + SHIFT +Right Arrow |

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| Common Math Symbols | |
| **Function Shortcut** | |
| Superscript | ^ (usually SHIFT + 6 ) |
| Subscript | \_ (usually SHIFT + - ) |
| ≤ | < = |
| ≥ | > = |
| Prime | ' |
| Fraction | f r a c |
| √ | s q r t |
| ∛ (or higher!) | n t h r o o t |
| ∑ | s u m |
| ∫ | i n t |
| ∏ | p r o d |
| π | p i |
| θ | t h e t a |

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| Table Commands | |
| **Function Shortcut** | |
| Previous Cell | SHIFT + TAB |
| Next Cell | TAB |
| Previous Row | Up Arrow |
| Next Row | Down Arrow |
| Previous Column | Left Arrow |
| Next Column | Right Arrow |
| First Row in Column | CTRL + Up Arrow |
| Last Row in Column | CTRL + Down Arrow |
| First Column in Row | CTRL + Left Arrow |
| Last Column in Row | CTRL + Right Arrow |
| Speak Column Header | CTRL + H |

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| Slider Commands | |
| **Function Shortcut** | |
| Decrease Value | Left Arrow |
| Decrease Value by Larger Increment | Fn + Down Arrow |
| Increase Value | Right Arrow |
| Increase Value by Larger Increment | Fn + Up Arrow |
| Lowest Value | Fn + Left Arrow |
| Highest Value | Fn + Right Arrow |

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| Audio Trace Commands | |
| **Function Shortcut** | |
| Enable or Disable Audio Trace Mode | OPTION + T |
| Summarize Selected Curve | OPTION + S |
| Describe the Axes | OPTION + G |
| Previous Point | Left Arrow , Up Arrow , or J |
| Next Point | Right Arrow , Down Arrow , or L |
| Next Point of Interest | Fn + Down Arrow , TAB , or I |
| Previous Point of Interest | Fn + Up Arrow , SHIFT +TAB , or K |
| First Point | Fn + Left Arrow or U |
| Last Point | Fn + Right Arrow or N |
| Speak Point of Interest Count | P |
| Speak X Coordinate | X |
| Speak Y Coordinate | Y |
| Speak Color | C |
| Speak Branch | B |
| Speak Type of Selected Point | T |
| Move to Origin | O |
| Move to Previous Curve | OPTION + Up Arrow |
| Move to Next Curve | OPTION + Down Arrow |

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| **Function Shortcut** | |
| Hear Graph | H |
| Hear Only Branch 1 Through 10 | 1 - 0 |
| Adjust Playback Speed  (1 = slowest, 5 = fastest) | OPTION + 1 - 5 |
| Increase Volume | V |
| Decrease Volume | SHIFT + V |
| Announce Active Slider Animations | A |

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| Slider Trace Commands | |
| **Function Shortcut** | |
| Toggle Slider Trace Mode | S |
| Decrease Value of Selected Slider | Left Arrow or J |
| Decrease Value of Selected Slider by Larger Increment | Fn + Down Arrow |
| Increase Value of Selected Slider | Right Arrow or L |
| Increase Value of Selected Slider by Larger Increment | Fn + Up Arrow |
| Move to Lowest Value of Selected Slider | Fn + Left Arrow or U |
| Move to Highest Value of Selected Slider | Fn + Right Arrow or N |
| Select Next Slider | Down Arrow , TAB , or K |
| Select Previous Slider | Up Arrow , SHIFT + TAB , orI |

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| Interactive Point Commands | |
| **Function Shortcut** | |
| Focus First Interactive Point On Screen | CTRL + COMMAND + P |
| Go to Next Interactive Point | TAB |
| Go to Previous Interactive Point | SHIFT + TAB |
| Increase X | Right Arrow |
| Decrease X | Left Arrow |
| Increase Y | Up Arrow |
| Decrease Y | Down Arrow |
| Increase X by Larger Amount | SHIFT + Right Arrow |
| Decrease X by Larger Amount | SHIFT + Left Arrow |
| Increase Y by Larger Amount | SHIFT + Up Arrow |
| Decrease Y by Larger Amount | SHIFT + Down Arrow |
| Speak X Coordinate | X |
| Speak Y Coordinate | Y |
| Speak Label | L |
| Speak Color | C |

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| Braille Entry | |
| **Function Shortcut** | |
| Switch to Nemeth | CTRL + N |
| Switch to UEB | CTRL + U |
| Switch to print | CTRL + Q |
| Turn Braille Typing On or Off | CTRL + 6 |