# Standard Symbols and Operations

<table>
<thead>
<tr>
<th>Description</th>
<th>Button</th>
<th>Keyboard Shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Divided by</td>
<td>÷</td>
<td>Ctrl + Alt + /</td>
</tr>
<tr>
<td>e</td>
<td>e</td>
<td></td>
</tr>
<tr>
<td>Exponent</td>
<td></td>
<td>Shift + 6</td>
</tr>
<tr>
<td>Fraction</td>
<td></td>
<td>Ctrl + Shift + F OR /</td>
</tr>
<tr>
<td>Log</td>
<td>log</td>
<td>Ctrl + Alt + L</td>
</tr>
<tr>
<td>Minus Sign</td>
<td>−</td>
<td>−</td>
</tr>
<tr>
<td>Natural Log</td>
<td>ln</td>
<td>Ctrl + Alt + N</td>
</tr>
<tr>
<td>Plus or Minus</td>
<td>±</td>
<td>Ctrl + Alt + -</td>
</tr>
<tr>
<td>Plus Sign</td>
<td>+</td>
<td>Shift + =</td>
</tr>
<tr>
<td>Prime</td>
<td>′</td>
<td>Ctrl + Alt + ′</td>
</tr>
<tr>
<td>Radical (nth root)</td>
<td></td>
<td>Ctrl + Alt + R</td>
</tr>
<tr>
<td>Subscript</td>
<td></td>
<td>Shift + -</td>
</tr>
<tr>
<td>Times Sign</td>
<td>×</td>
<td>Shift + 8</td>
</tr>
</tbody>
</table>
## Parentheses, Brackets, and Grouping Symbols

<table>
<thead>
<tr>
<th>Description</th>
<th>Button</th>
<th>Keyboard Shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absolute Value</td>
<td>![Absolute Value]</td>
<td>Ctrl + Shift + \</td>
</tr>
<tr>
<td>Angular Braces</td>
<td>![Angular Braces]</td>
<td>Ctrl + Alt + , OR Ctrl + Alt + .</td>
</tr>
<tr>
<td>Curly Braces</td>
<td>![Curly Braces]</td>
<td>Shift + [ OR Shift + ]</td>
</tr>
<tr>
<td>Greatest Integer</td>
<td>![Greatest Integer]</td>
<td>Ctrl + Alt + [ OR Ctrl + Alt + ]</td>
</tr>
<tr>
<td>Interval Notation: Bracket - Parenthesis</td>
<td>![Interval Notation: Bracket - Parenthesis]</td>
<td>Ctrl + [</td>
</tr>
<tr>
<td>Interval Notation: Parenthesis - Bracket</td>
<td>![Interval Notation: Parenthesis - Bracket]</td>
<td>Ctrl + ]</td>
</tr>
<tr>
<td>Parenthesis</td>
<td>![Parenthesis]</td>
<td>Shift + 9 OR Shift + 0</td>
</tr>
<tr>
<td>Square Bracket</td>
<td>![Square Bracket]</td>
<td>[ OR ]</td>
</tr>
</tbody>
</table>

## Equality and Inequality

<table>
<thead>
<tr>
<th>Description</th>
<th>Button</th>
<th>Keyboard Shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals Symbol</td>
<td>![Equals Symbol]</td>
<td>=</td>
</tr>
<tr>
<td>Greater Than Or Equal To Symbol</td>
<td>![Greater Than Or Equal To Symbol]</td>
<td>Ctrl + Shift + .</td>
</tr>
<tr>
<td>Greater Than Symbol</td>
<td>![Greater Than Symbol]</td>
<td>Shift + .</td>
</tr>
<tr>
<td>Less Than Or Equal To Symbol</td>
<td>![Less Than Or Equal To Symbol]</td>
<td>Ctrl + Shift + ,</td>
</tr>
<tr>
<td>Less Than Symbol</td>
<td>![Less Than Symbol]</td>
<td>Shift + ,</td>
</tr>
<tr>
<td>Not Equal to</td>
<td>![Not Equal to]</td>
<td>Ctrl + Alt + =</td>
</tr>
</tbody>
</table>
# Sets and Logic

<table>
<thead>
<tr>
<th>Description</th>
<th>Button</th>
<th>Keyboard Shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conjunction</td>
<td>∧</td>
<td>Ctrl + Alt + A</td>
</tr>
<tr>
<td>Disjunction</td>
<td>∨</td>
<td>Ctrl + Alt + O</td>
</tr>
<tr>
<td>Element of / Belongs to</td>
<td>∈</td>
<td>Ctrl + Alt + E</td>
</tr>
<tr>
<td>Empty Set</td>
<td>∅</td>
<td>Ctrl + Alt + Shift + 0</td>
</tr>
<tr>
<td>Implies</td>
<td>⇒</td>
<td>Ctrl + Alt + Shift + I</td>
</tr>
<tr>
<td>Infinity</td>
<td>∞</td>
<td>Ctrl + Alt + I</td>
</tr>
<tr>
<td>Intersection</td>
<td>∩</td>
<td>Ctrl + Alt + U</td>
</tr>
<tr>
<td>Negation</td>
<td>¬</td>
<td>Shift + ` OR Ctrl + Alt + Shift + N</td>
</tr>
<tr>
<td>Set of All Complex Numbers</td>
<td>C</td>
<td>Ctrl + Alt + D THEN C</td>
</tr>
<tr>
<td>Set of All Integers</td>
<td>Z</td>
<td>Ctrl + Alt + D THEN Z</td>
</tr>
<tr>
<td>Set of All Natural Numbers</td>
<td>N</td>
<td>Ctrl + Alt + D THEN N</td>
</tr>
<tr>
<td>Set of All Rational Numbers</td>
<td>Q</td>
<td>Ctrl + Alt + D THEN Q</td>
</tr>
<tr>
<td>Set of All Real Numbers</td>
<td>R</td>
<td>Ctrl + Alt + D THEN R</td>
</tr>
<tr>
<td>Such That</td>
<td>\</td>
<td>Shift + \</td>
</tr>
<tr>
<td>Union</td>
<td>∪</td>
<td>Ctrl + Shift + U</td>
</tr>
<tr>
<td>Description</td>
<td>Button</td>
<td>Keyboard Shortcut</td>
</tr>
<tr>
<td>-------------</td>
<td>--------</td>
<td>------------------</td>
</tr>
<tr>
<td>a-naught</td>
<td>$A_a$</td>
<td>Ctrl + Alt + Shift + A</td>
</tr>
<tr>
<td>Alpha</td>
<td>$\alpha$</td>
<td>Ctrl + Alt + G THEN \ A</td>
</tr>
<tr>
<td>Beta</td>
<td>$\beta$</td>
<td>Ctrl + Alt + G THEN \ B</td>
</tr>
<tr>
<td>d-bar</td>
<td>$\bar{d}$</td>
<td>Ctrl + Alt + Shift + D</td>
</tr>
<tr>
<td>Lambda</td>
<td>$\lambda$</td>
<td>Ctrl + Alt + G THEN \ L</td>
</tr>
<tr>
<td>Mu</td>
<td>$\mu$</td>
<td>Ctrl + Alt + G THEN \ M</td>
</tr>
<tr>
<td>Omega</td>
<td>$\omega$</td>
<td>Ctrl + Alt + G THEN \ W</td>
</tr>
<tr>
<td>p-hat</td>
<td>$\hat{p}$</td>
<td>Ctrl + Alt + Shift + P</td>
</tr>
<tr>
<td>Pi</td>
<td>$\pi$</td>
<td>Ctrl + Alt + G THEN \ P</td>
</tr>
<tr>
<td>Sigma</td>
<td>$\sigma$</td>
<td>Ctrl + Alt + G THEN \ S</td>
</tr>
<tr>
<td>Theta</td>
<td>$\theta$</td>
<td>Ctrl + Alt + G THEN \ Q</td>
</tr>
<tr>
<td>v-naught</td>
<td>$v_v$</td>
<td>Ctrl + Alt + V</td>
</tr>
<tr>
<td>x-bar</td>
<td>$\bar{x}$</td>
<td>Ctrl + Alt + Shift + X</td>
</tr>
</tbody>
</table>
## Trigonometry and Angles

<table>
<thead>
<tr>
<th>Description</th>
<th>Button</th>
<th>Keyboard Shortcut</th>
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<tbody>
<tr>
<td>Cosine</td>
<td><img src="cos.png" alt="cos" /></td>
<td>Ctrl + Alt + C</td>
</tr>
<tr>
<td>Cosine Power</td>
<td><img src="cos%5E2.png" alt="cos^2" /></td>
<td>Ctrl + Alt + Shift + C</td>
</tr>
<tr>
<td>Degree</td>
<td><img src="degree.png" alt="°" /></td>
<td>Ctrl + Shift + '</td>
</tr>
<tr>
<td>Sine</td>
<td><img src="sin.png" alt="sin" /></td>
<td>Ctrl + Alt + S</td>
</tr>
<tr>
<td>Sine Power</td>
<td><img src="sin%5E2.png" alt="sin^2" /></td>
<td>Ctrl + Alt + Shift + S</td>
</tr>
<tr>
<td>Tangent</td>
<td><img src="tan.png" alt="tan" /></td>
<td>Ctrl + Alt + T</td>
</tr>
<tr>
<td>Tangent Power</td>
<td><img src="tan%5E2.png" alt="tan^2" /></td>
<td>Ctrl + Alt + Shift + T</td>
</tr>
</tbody>
</table>