

PYTHAGORAS

Short-cut Quick Reference Guide for Pythagoras Power Users

| To ... | Do this: | Mode: |
|---|--|---|
| select multiple objects | Hold down the Shift-key | while clicking objects on the drawing |
| select a line as well as its end points | Hold down the CTRL-key | when clicking on the line |
| create an arc | Hit the Spacebar | while drawing a line (the line will be converted into an arc that is tangential to the line that was active at the time that you hit the spacebar). |
| draw a set of connected lines | Hold down the Shift-key | while clicking the end point of a line (this will start a new line at this end point) |
| create a path or polyline that is parallel to an existing path or polyline | Hold down the Shift-key | when using parallel-line tool icon and moving the cursor over adjacent lines or arcs |
| locate a point on a line or arc at intervals of 1/2 or 1/3 of the length of the line | Hold down the number 2 key (for one half), 3 (for one third), etc. | while creating points, lines, arcs or circles that start on this line. |
| draw a line parallel to the N or E axis | Hold down the CTRL-key | while drawing a line |
| create a point at the center of the circle or arc that you are drawing (with given center and radius) | Hold down the CTRL-key | while confirming the circle or arc (Note: If you are creating an arc parallel to two lines, this shortcut will not work. Instead, you will need to use the menu Calculations - Center) |
| trim lines that extend beyond the arc drawn between two lines | Hold down the CTRL-key | while confirming the arc, tangential to two lines |
| extend lines beyond the arc drawn between two lines, up to the points of contact | Hold down the CTRL-key | while confirming the arc, tangential to two lines |
| connect the end points two parallel lines that I created using the parallel-line tool | Hold down the CTRL-key | when confirming the distance between the two lines (this will create a rectangle) |
| split a line in two | Hold down the CTRL-key | when placing a point on the line and confirming the point |
| place points one right after the other on the drawing | Hit the Caps lock button | when placing points (Note: to place the first point, you will still first need to select the point-tool and then click anywhere on the screen. When you have entered the coordinates of the first point, Pythagoras will immediately ask you to enter the coordinates of the next point, and so on) |
| change the elevation of a point | Hold down the CTRL-key | while double-clicking the point |
| toggle between "select" mode and the last-used toolbox in the control panel | Hit the Spacebar | |
| create a temporary coordinate system that is parallel to the current coordinate system | Hold down the CTRL-key | while clicking on the origin of the new coordinate system |
| moving objects parallel or perpendicular to the active coordinate system | Hold down the CTRL-key | when moving objects |
| rotate objects by 90 degrees or a multiple thereof | Hold down the CTRL-key | while rotating objects |

Note :

- The ALT or CTRL key have the same function

- This Quick reference guide only contains most-used short cuts. For a complete list of shortcuts, refer to the Appendix on Shortcut keys in the back of the manual