

triangle

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Chapter 1

triangle

1.1 CYCAS DEMO Help - Triangle

Example : Drawing a triangle.

Ensure that the drawing area is empty. To do so choose Project in the main menu. Then select New and confirm. Further down, the option "Snap" should be active in order to follow this tutorial precisely.

Start by selecting Line in the main menu. In the function list options click on the Line button (the first button). Follow the instructions in the help-bar which appears in the bottom left corner of the Cycas screen...

... It should indicate: "Start point:".

The 1st Input-Option: Only using the mouse without inputting detailed measurements.

The 1st line: Show

The help-bar says: "Start point:" Click into the left bottom corner of the drawing area using the left mousebutton. A cross will mark the start point of the 1st line.

Help-bar: "Move/End point:" With a second mouseclick you situate the end point of the line in the top right corner of the drawing area. Another cross will indicate the end point.

Help-bar: "Move/Confirm:" Confirm the position of the end point by clicking somewhere within the drawing area. By confirming the 2nd point the line will be plotted from the start point to its ending point. You can abort each function using the right mousebutton somewhere outside the drawing area.

The 2nd line: Show

Help-bar: "Start point:" The start point of the 2nd line is meant to be positioned exactly upon the end point of the 1st line. To achieve this, you move the pointer (looking like a small square) over the end point, and the snap function means that you hit the previous point precisely. A cross will now indicate the start point of the 2nd line.

Help-bar: "Move/End point:" Move the pointer towards the lower right corner of the drawing area and place it there with another mouseclick. Now, you need to confirm the end point with a final mouseclick within the drawing area.

The 3rd line: Show

Close the triangle as follows: Help-bar: "Start point:" Move the pointer over the ending point of the 2nd line.

Help-bar: "Move/End point:" Click on the initial point of the 1st line and confirm the input.