

Convert a polar coordinate of $\left(\sqrt{2}, \frac{\pi}{4}\right)$

into rectangular form.

Use the Math3 keyboard to enter the point and tap EXE.

ClassPad converts straight to rectangular form.

Although a function exists – Action, Vector, toRect – it's not needed here.

Use toPol to convert back to polar form.

Try the Interactive version of toPol for the point $[-2, 2]$.

Math3 keyboard showing the input $[\sqrt{2}, \angle(\frac{\pi}{4})]$ and status $[1 1]$.

Action menu showing Vector selected. The status bar shows $[\sqrt{2}, \angle(\frac{\pi}{4})]$ and $[1 1]$.

Math3 keyboard showing the input $\text{toPol}()$ and status $[1 1]$.

Action menu showing toPol selected. The status bar shows $[\sqrt{2}, \angle(\frac{\pi}{4})]$ and $[1 1]$.