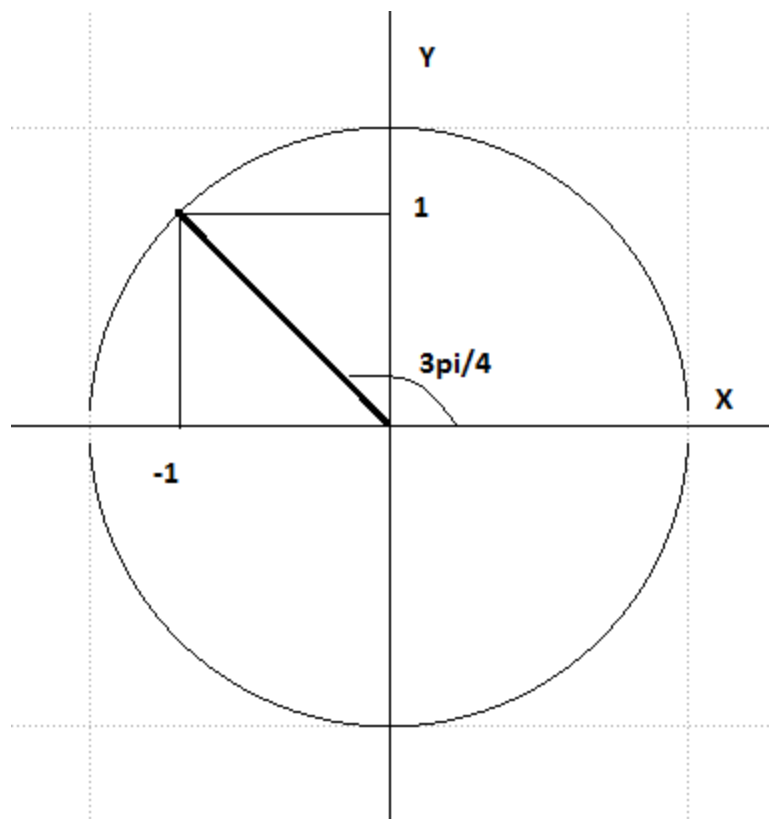


### Answer on Question #46293 – Math – Calculus

Find the point on the terminal side of  $\theta = \text{three pi divided by four}$  that has a y coordinate of 1.

**Solution.**



$$x = y \cotan\left(\frac{3\pi}{4}\right) = \frac{y}{\tan\left(\frac{3\pi}{4}\right)} = 1 * (-1) = -1.$$

So, the point is  $(-1, 1)$ .