Find the point on the terminal side of theta= -3pi/4 that has an x coordinate of -1. Can you please show me how you solved it as well, not just the answer :).

Solution. The point on the terminal side of $\theta = -\frac{3\pi}{4}$ lie in the third quarter, as $-\pi < -\frac{3\pi}{4} < -\frac{\pi}{2}$.
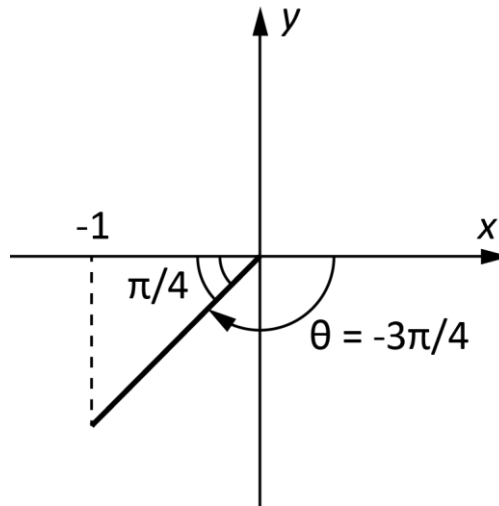
The y coordinate equals $-\left(1 \cdot \tan\frac{\pi}{4}\right) = -1$. The point is $(-1, -1)$.

Answer. $(-1, -1)$.