

It appears that you found the value of  $\sin\left(\frac{7\pi}{6}\right)$ . Convert  $\frac{7\pi}{4}$  to degrees: this equals  $315^\circ$ . Find the  $y$ -coordinate of the point where  $315^\circ$  intersects the unit circle. The correct answer is:  $-\frac{\sqrt{2}}{2}$