

You probably recognized that the graph of sine has one hill with a high point, and one valley with a low point, where the function equals 1 and  $-1$ . However, you chose the wrong angles for these two points. The correct answer is: when  $\theta = -\frac{7\pi}{2}$ ,  $\sin \theta = 1$ ; when  $\theta = -\frac{5\pi}{2}$ ,  $\sin \theta = -1$