These are all low points on the graph of cosine, but one of them is outside the given interval. The graph of cosine has a valley, a hill, and a valley on the interval $\left[-\dfrac{7\pi}{2}, -\dfrac{\pi}{2}\right]$ and the low points are in the middle of the valleys. The correct answer is: $(-3\pi, -1)$ and $(-\pi, -1)$