

You may have identified the repeating pattern and seen that the points where the function equals 0 are multiples of $\frac{\pi}{2}$, but they are not *all* the multiples of $\frac{\pi}{2}$. For example, $\cos \pi = -1$ and π is an even multiple of $\frac{\pi}{2}$. The correct answer is: all odd multiples of $\frac{\pi}{2}$