You may have identified the repeating pattern and seen that the points where the function equals 0 have odd factors and involve π, but they are not odd multiples of π. They are odd multiples of $\dfrac{\pi}{2}$. For example, $\cos 3\pi = -1$ and 3π is an odd multiple of π. The correct answer is: all odd multiples of $\dfrac{\pi}{2}$