1. Solve for $x$ on the interval $[0, 2\pi)$: $2\cos x + 1 = 0$

2. Solve for $x$ on the interval $[0, 2\pi)$: $\cos 2x = \frac{1}{2}$

3. Solve for $x$ on the interval $[0, 2\pi)$: $\sin^2 x + \sin x = 0$