

**I. SOLVE EACH EQUATION IN THE INTERVAL  $[0, 2\pi)$ .**

1.  $2 \sin(x) + 1 = 0$

2.  $\tan(x) - 1 = -1$

3.  $4 \cos^2(x) + 7 = 9$

4.  $4 \tan(x) + 16.2 = 9.6$

5.  $3 \cos(x) - 10 = -16$

6.  $\sin(x) = -1$

7.  $5.3 \sin(x) + 2.1 = 4.4$

8.  $\cos(x) = 0$

9.  $6 \cos(x) + 3 = 6$

10.  $2 \sin(x) + \sqrt{3} = 0$

11.  $\tan(x) - 1 = 0$