

Solving Basic Trig Equations

Solve on the interval $[0, 2\pi)$.

1) $\sqrt{2} \sin x + 1 = 0$

Solve on the interval $[0, 2\pi)$.

2) $\cos x(\cos x - 1) = 0$

Solve on the interval $[0, 2\pi)$.

3) $\csc^2 x - 2 = 0$

Solve on the interval $[0, 2\pi)$.

4) $\sin x + \sqrt{3} = -\sin x$

Solve on the interval $[0, 2\pi)$.

5) $3 \tan^2 x - 1 = 0$