

Solving Trig Equations

FACTORIZING WITH PYTHAGOREAN SUBSTITUTIONS

Solve over $[0, 2\pi)$.

- $\cos^2 x + \sin x = 1$

Solve over $[0, 2\pi)$.

- $\sin^2 x = \cos^2 x$

Solve over $[0, 2\pi)$.

- $2\sin^2 x = 2 + \cos x$

Solve over $[0, 2\pi)$.

- $\csc^2 x = 2\cot x$