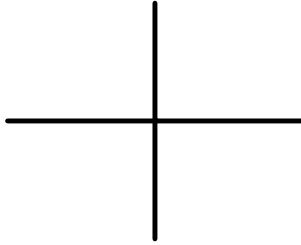


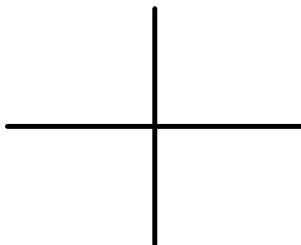
Solving Trigonometric Equations

Solve each equation for $0 \leq x < 2\pi$.

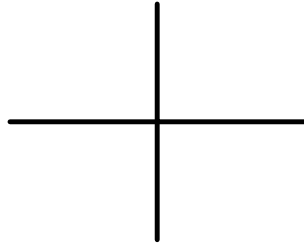
1. $\sqrt{2} \cos x + 1 = 0$



2. $3\sec^2 x - 4 = 0$

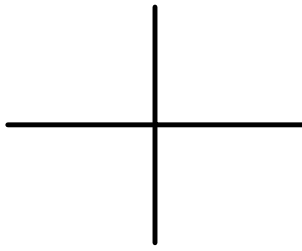


3. $2\sin^2 x = 2 + \cos x$



4. $2\cos(3x) - 1 = 0$

5. $\cos x + \sin x \tan x = 2$



6. $\csc^2 x - 4 \cot x = -2$

