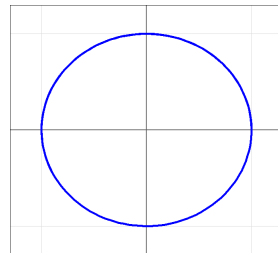


Precalculus 115, section 7.4 Basic Trigonometric Equations

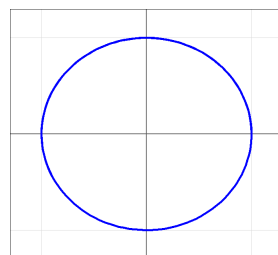
notes by Tim Pilachowski

For this section and the next, we'll need all of the definitions, identities and formulae covered so far.

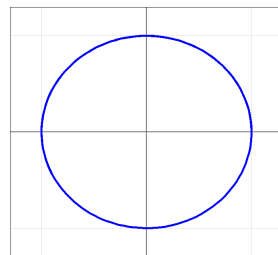
Example A: Find all solutions of the equation $\cos x + 1 = 0$.



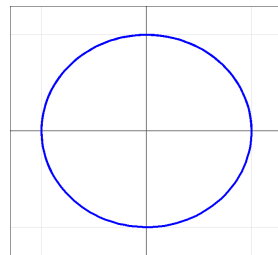
Example B: Find all solutions of the equation $\sqrt{2} \sin x - 1 = 0$.



Example C: Find all solutions of the equation $3\sec^2 x - 4 = 0$.



Example D: Find all solutions of the equation $1 - \cot^2 x = 0$.



Example E: Find all solutions of the equation $\tan x - \sec x = 0$.

