Class Discussion

Unit 5 Topic 3 Part 2 Solving Trigonometric Equations

Objective: more practice of solving trigonometric equations

Ex 1:

1. $3\tan x = 2\cos x$, $x \in [0, 2\pi)$

2. $2\sin x = \cos x - 2$, $x \in [0, 2\pi)$

3. $2\sin x + \csc x = 0$

4. $\cos\dfrac{x}{2} = \dfrac{\sqrt{2}}{2}$