

## Class Discussion

### Unit 4 Topic 4 Part 2 Any Angle Trigonometry

Objective: Find trigonometric ratio in different types of questions

Ex1: If  $\sin^2 \theta + 2\sin \theta - 3 = 0$  and  $0 \leq \theta < 2\pi$ , find  $\cos \theta$

Ex2: Given  $\frac{2\cos x + 1}{\cos x - 1} = \frac{2\cos x}{\cos x + 4}$  and  $\tan x > 0$ , find (a)  $\csc x$ , (b)  $\cot(x + \pi)$