Class Discussion

Unit 3 Topic 4 Part 2 Solve Exponential and Logarithmic Equations

Objectives: Solve more different types of equations

Ex1: If [ ] and [ ]

Ex2: $4\log_3 x = \log_{\sqrt{3}} x$

Ex 3: $\log_{\sqrt{2}}(x+2) + \log_{\sqrt{2}} x = \log_2 64$

Ex 4: $xe^x + 3x = 2e^x + 6$

Ex 5: $\ln(x-3) + \ln(x+3) = 1$