MHF 4UI UNIT 6 Trigonometric Functions II

Day 5 - Solving Trig Equations II

Example 1: Solve the following equations, $0 \le x \le 2\pi$

a) $\sin^2 x - \sin x = 2$

b) $4\cos^2 x - 3 = 0$

c) $2\cos^2 x + \cos x - 1 = 0$

d) $2\csc^2 x - 3\csc x - 2 = 0$