

Kerry Ojakian's MTH 30 Class
Class Assignment #24

1. Solve the equation $2 \sin x = -\sqrt{2}$ for x in the interval $0 \leq x < 2\pi$.

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2. Solve the equation $4 \sin^2 x - 2 = 0$ for x in the interval $0 \leq x < 2\pi$.

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3. Solve the equation $2 \sin x = -\sqrt{3}$ for x in the interval $0 \leq x < 2\pi$.
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4. Solve the equation $2 \cos x - \sqrt{3} = 0$ for x in the interval $0 \leq x < 2\pi$.

5. Solve the equation $3 \cos x + \sqrt{3} = \cos x$ for x in the interval $0 \leq x < 2\pi$.

6. Solve the equation $3 \sin x - \sqrt{3} = \sin x$ for x in the interval $0 \leq x < 2\pi$.
