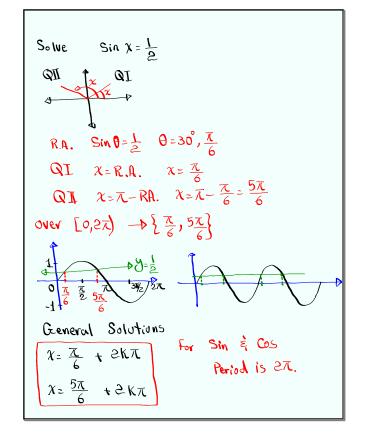
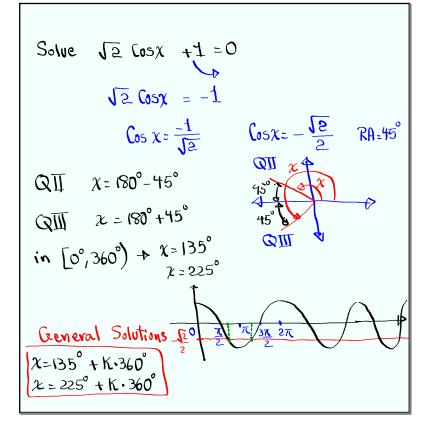
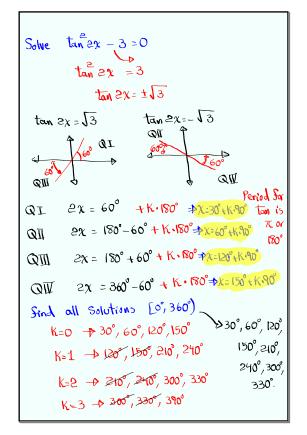


Feb 19-8:47 AM





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Solve
$$Csc \frac{1}{2}x = 2$$

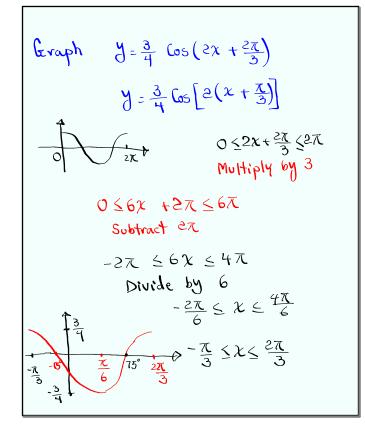
 QI, QII
 $Sin \frac{1}{2}x = \frac{1}{2}$ RA. 30° General Solm.
 $QI = \frac{1}{2}x = 30^{\circ} + K \cdot 360^{\circ} = 7 x = 60^{\circ} + K \cdot 720^{\circ}$
 $QII = \frac{1}{2}x = 180^{\circ} - 30^{\circ} + K \cdot 360^{\circ} = 7 x = 300^{\circ} + K \cdot 720^{\circ}$
 $Over [0^{\circ}, 360^{\circ}) = 7 60^{\circ}, 300^{\circ} K = 0$
 $Ovtside af K = 1$
 $[0^{\circ}, 360^{\circ})$

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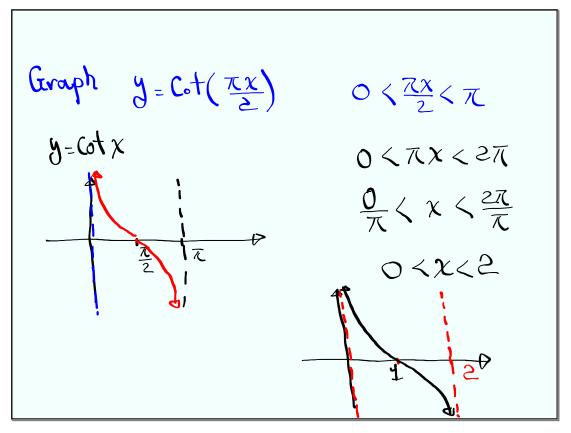
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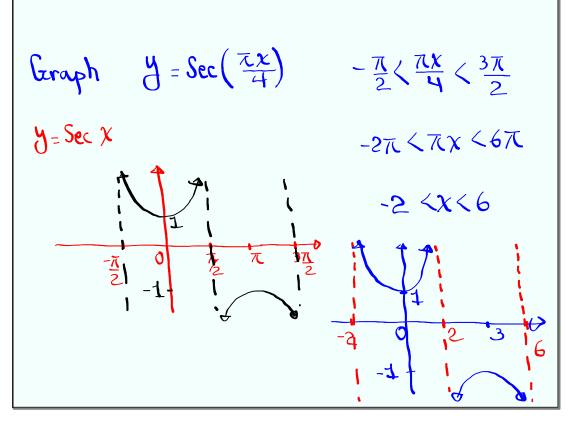
Solve
$$2 \cos^{2} x - 7 \cos x + 3 = 0$$

Hint: Use Factoring
 $(2\cos x - 1)(\cos x - 3) = 0$
 $\cos x = \frac{1}{2}$
 $\cos x = \frac{1}{2}$
 $\cos x = 3$
 \cos



Oct 31-11:02 AM





Oct 31-11:14 AM