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 $0 \leq \chi < 2\pi$ 2 sin2x - 55inx - 3 = 0 $(\sin x - \frac{3}{2})(2\sin x + \frac{1}{2}) = 0$ $\sin x - 3 = 0$ $\sin x + 1 = 0$ $\sin x - \frac{1}{2}$ $\sin x - \frac{1}{2}$ $\sin x - \frac{1}{2}$ -1 = 3 $\sin x - \frac{1}{2}$ -3 -1 = 0 -1 = 3 -3 -1 = 3 -3 -1 = 3 -3 -1 = 3 -1 = 3X = 210, 330 $X = \frac{210}{6}, \frac{330}{10}$ $X = \frac{7\pi}{6}, \frac{11\pi}{6}$ $330x = \frac{330\pi}{10}$ for all real values -> radians **42**. $2 \tan^2 x - 3 \sec x = 0$ $2(s_{ec}^2x-1) - 3s_{ec} \times = 0$ 25ec2x - 2 - 35ecx =0 2 sec?x - 3 secx - 2 = 0 $\begin{pmatrix} 2secx + 1 \end{pmatrix} \begin{pmatrix} secx - 2 \end{pmatrix} = 0 \qquad \bigwedge_{\substack{-1 \ a}}^{-2} \\ \bigwedge_{\substack{-1 \ a}}^{-1} \end{pmatrix}$ 25x + 1 = 0 5c(x - 2) = 0 1 - 2 5c(x - 2) = 0 1 - 2 5c(x - 2) = 0 1 - 2 $00 \times \frac{\pi}{10} = \frac{\pi}{3}$ $cos \times \frac{\pi}{10} = \frac{5\pi}{3}$ $x = 60^{\circ}, 300^{\circ}$ X = = + 2TK X = 5 + 2TK K = h+eger P,460-461 30-34, 37-40,46, 72