Huom, for onlem. $\frac{1+\cos 72^{\circ}-1+\cos 144^{\circ}}{2}$ $\frac{2}{\cos 36^{\circ} + \cos 72^{\circ}} = \frac{2}{(\cos 136^{\circ} - \cos 144^{\circ})}$ $\frac{\cos 72^{\circ} - \cos 144^{\circ}}{2(\cos 36^{\circ} + \cos 72^{\circ})} = \frac{\cos 72^{\circ} + \cos 36^{\circ}}{2(\cos 36^{\circ} + \cos 72^{\circ})} = \frac{1}{2}$ Konerko, 7 mo He 2 Luia. Deux & more, rono cor 18°, cor 36°, cor 72° beë mo novelweman bypalnemus $x^{2} + x - 1 = 0, \quad x = \frac{\sqrt{5} - 1}{2} = \frac{2 \sin |\theta|^{2}}{2}$ $\cos 36^{\circ} = -\cos |44^{\circ}|^{2} = \frac{1 - 2\sqrt{x}}{2} = \frac{x}{2}$ $= 1 - \frac{x^{2}}{2} = 1 - \frac{1}{2}(1 - x|^{2}) = \frac{1}{2} + \frac{x}{2}$ $\Rightarrow BD = \frac{1}{1 + x}, \quad CD = \frac{x}{1 + x} \left(\frac{BD}{CD} - \frac{AB}{AC}\right)$ $\Rightarrow C = \frac{AC}{AB} \quad 1 + x = \frac{1}{2}$ $\frac{\chi}{(1+\chi)\chi} = \frac{\chi}{1}, \quad \chi = 2\sin 18^\circ = \frac{\chi_{5} - 1}{2} \text{ in the most in a separation of the section of the$