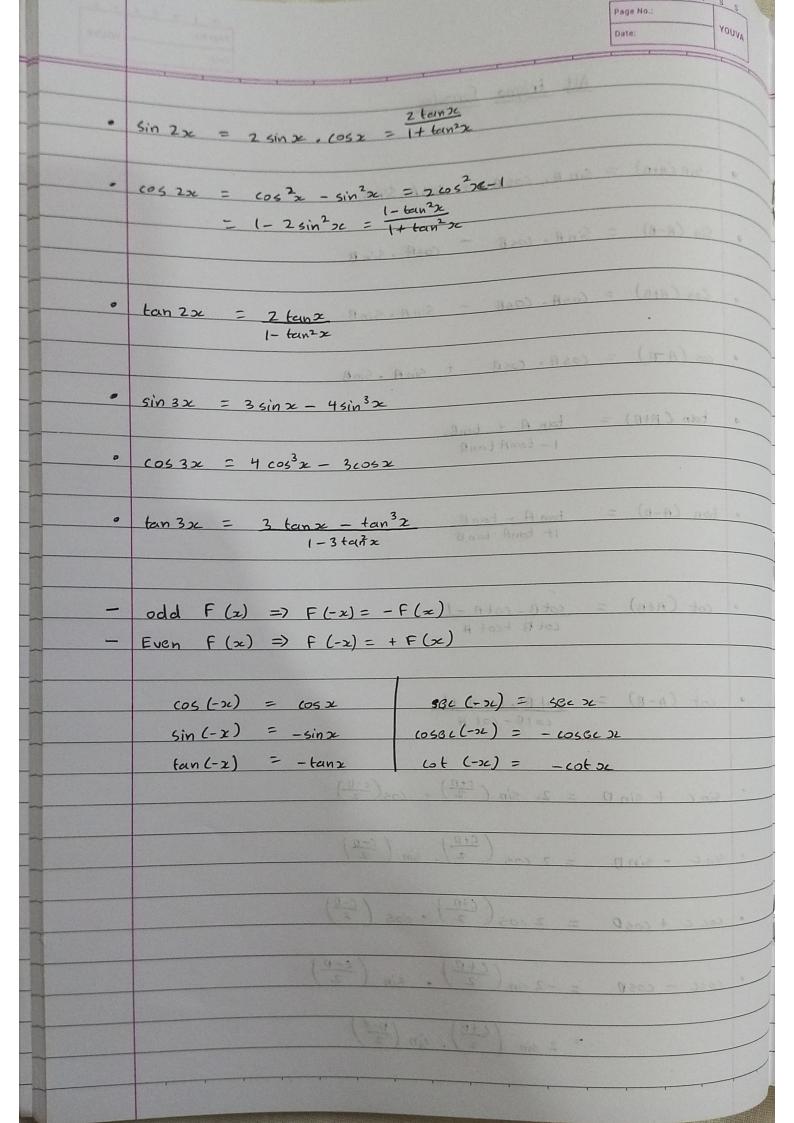
All trigno formulas

- · Sin (Ata) = Sin A. COSB + COSA-SinB
- Sin (A-B) = Sin A. COSB COSA . Sin B
- · Cos (AtB) = CosA. CosB SinA. SinB
 - cos (A-B) = cos A · cos B + sin A · Sin B
- tan CA+B) = tan A + tan B 1-tan A tan B
- · tan (A-B) = tan A tan B
- cot (A+B) = $\cot B \cdot \cot A 1$
- $\cot (A-B) = \cot B \cdot \cot A + 1 \cdot \cot B$
- $\sin \zeta + \sin D = 2$, $\sin \left(\frac{c+D}{2}\right)$, $\cos \left(\frac{c-D}{2}\right)$
- $\sin \zeta \sin \beta = 2 \cos \left(\frac{C+D}{2}\right) \cdot \sin \left(\frac{C-D}{2}\right)$
- coc c + cos0 = $2\cos\left(\frac{c+0}{2}\right) \cdot \cos\left(\frac{c-0}{2}\right)$
- $\cos \zeta \cos \theta = -2 \sin \left(\frac{c+\theta}{2}\right)$ $\sin \left(\frac{c-\theta}{2}\right)$
 - = 2 sin $\left(\frac{c+p}{2}\right)$. sin $\left(\frac{b-c}{2}\right)$



	2 sinA.	Cos B	2	sin (1	1+13)	4	sin CA-B	()
--	---------	-------	---	--------	-------	---	----------	----

$$sin (A+B) \cdot sin(A-B) = sin^2 A - sin^2 B$$

$$(05 (A+B) \cdot (05(A-B) = (05^2A - 5in^2B)$$

$\sin^2\theta + \cos^2\theta = 1$	1 + cos2x = 2 cos2x
56620 - tan20 = 1	$1- \cos 20c = 2 \sin^2 3c$
$ \cos^2\theta - \cot^2\theta = $	tanze = 1-00572
	Sinz

* General Solution of trigometry

$$sin x = 0 \Rightarrow x = n\pi$$
 $sin x = sin y \rightarrow x = nx + (-1)^n.y$

$$\cos x = 0 \Rightarrow x = (n+1)^{\frac{n}{2}} \qquad \cos x = \cos y \Rightarrow x = 2nx \pm y$$

$$\tan x = 0 \Rightarrow x = n\pi$$
 $\tan x = \tan y \rightarrow x = nx + y$