18 == 12 = 0 D=Y+ 6t2 frt-1=0 10-18 cos x= 36 cos2x +24cosx.+4 36 cos 2 x #24 cos x+4=10+18 cos x=0 36 cos2 x #6 cosx -6=0 Nyemb cos x=t: 36 t2-6 t-6=01:6 6t2-t-1=0 D=1+24=52 £,=0,5 tr=-=  $2 = \frac{\pi}{3} + 2\pi R$   $2 = \frac{\pi$ Don. zamerca

ambem: IL + 2TTR, 5it +2πR, zgeRez

IT-arccosi3+2πR, TI+ arccos = 12TTR

ARCIES

Umorobal koremportura padoma

4										5 -				
1	AI	A2	A3	AY	A5	A6	AI	A8	Ag	A10	A11	A12	BI	B2
	1	1	4	专2	24	3	2	2	@2	3	2	3	7	25
1	B3	B4	B5	CI				2 8						
	5	•	1	3										
		, .												

CO52x + CO5 X = 0

 $2\chi \leq -1$ COS 2 X + COS X = 0  $\chi \leq -\frac{1}{2}$ 02 1+ COS X=0 COS X = -1 1 -1 70 n=11+211R, 2geR62  $\frac{1}{\chi_{+3}} > 1 / (\chi_{+3})$ 46| Log 5 (x-1) - Log 5 (23-3) = 1 | 231 => 2>3  $1 > \chi + 3$ Log 5 (x-1) log 5 (x-3) = log 5 X K-2 Loys (x-1) - Logs 5 A9)  $\int 3^{-2}x' = -\infty |1^{2}| |003$  $\frac{x-1}{x-3} = 5 \cdot (x-3)$  $3-2 x = x^2$   $2x \le 3$   $x \le 0$  $\chi^2 + 2\chi - 3 = 0$ 2C-1 = 5x-15 D= 4+12=42 4x=160014 2= 19 = 7 2, 31 22= +3 -n. K. 47, 422-2 2x+251

B1)  $\begin{cases} y + 5 = \sqrt{36 + x^2 - 12x^2} \\ 2x - y = 11 \end{cases}$   $\begin{cases} -12x^2 - 12x \\ 0 = 144 - 144 = 0 \end{cases}$ a contract of  $\begin{cases} 2x - 11 + 5 = \sqrt{36 + x^2 - 12x} & x \in \mathbb{R} \\ y = 2x - 11 & x \in \mathbb{R} \end{cases}$ 2x-6= 536+x?-12x12 4x2-27x +36=36+x2-12x 4x? - 24x = x2 - 12x 3x2 = 12x x2 = 4x1:x x = 4 20072 24=2-4-11=-3 4 +3=7 Omben: 7 6 log 2 125 · log 5 2 + 2 lg 7 · 5 lg = = 6 log 2 125 · log 5 2 + (5 · 2) lg 7

· log 2 + 10 47 = 6.3 log 2 5. = 6.301+7=18+7=25 B31 ctg 3x = Sin 6x - Cos 6x - Cos 12x=0 cos 3x . sin 6x - cos 6x - cos 17 x = 0 2 COS 32 . 25 in 3x cos 3x - cos 6x - cos 12x = 0 (053x.25103xcos3x - Cos6x-cos12x=0 sin3x 2 COS3X - COS 6 X - COS 12X = 0 2 cos 2 3x - (cos 2 3x - sin 2 3x) - cos 12x=0 COS 3x - SIN 3x - COS 12x=0 COS 6 X - COR 12 X = 0 cos 6x - cos26x+sin26x=0 COS 6x - COS 6x + (1- SAM COS 6x)=0 COS 6x-COS26x+1-COS26x=0 COS6X+1=0

Cos 
$$6x=-1$$

$$6x=1i+2iR, zglRez$$

$$x=\frac{\pi}{6}+\frac{\pi R}{3}, zglRez$$

$$R=1$$

$$\frac{\pi}{6}+\frac{\pi}{3}=\frac{3\pi}{6}=\frac{\pi}{2}<2\pi$$

$$R=\frac{\pi}{6}+\frac{2\pi}{3}=\frac{5\pi}{6}$$

$$R=\frac{\pi}{2}$$

$$R=\frac{\pi}{6}+\frac{3\pi}{3}=\frac{\pi}{6}$$

$$R=\frac{\pi}{3}$$

$$R=\frac{\pi}{6}+\frac{3\pi}{3}=\frac{\pi}{6}$$

$$R=\frac{\pi}{3}$$

$$R=\frac{\pi}{6}+\frac{3\pi}{3}=\frac{\pi}{6}=\frac{3\pi}{2}<\pi$$

$$R=\frac{\pi}{6}$$

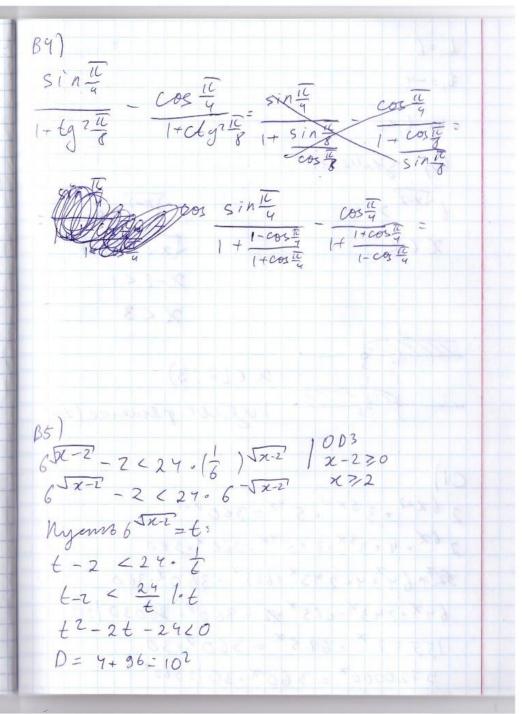
$$R=\frac{\pi}{3}$$

$$R=\frac{\pi}{6}+\frac{\pi}{3}=\frac{\pi}{6}=\frac{\pi}{2}<\pi$$

$$R=\frac{\pi}{6}$$

$$R=\frac{\pi}{3}=\frac{\pi}{6}+2\pi-\mu enogragin$$

$$R=\frac{\pi}{6}+\frac{\pi}{3}=\frac{\pi}{6}+2\pi-\mu enogragin$$



L1=6 -4< t <6 Obp. zamerca 6 52-2 >- 4 6 Just 26 Jx-2 <192 XER 21-2<1  $\chi < 3$ 2C € [2;3) 1 yelloe pemerue (2) 2 6x+2 , 3 5x+1 , 5 4x = 360 x+1 26x.4.35x.3.54x-360x.360 320 64° 4. 243 × .625 × = 360 × .360 64x.243x-625 x 4x = 360x. 36030 (:12 15552 × . 625 × = 360 × . 30 9720000 = 360 x.30 1:360 x

27000×=30 30 3x - 30 3 X=1  $\chi = \frac{1}{3}$