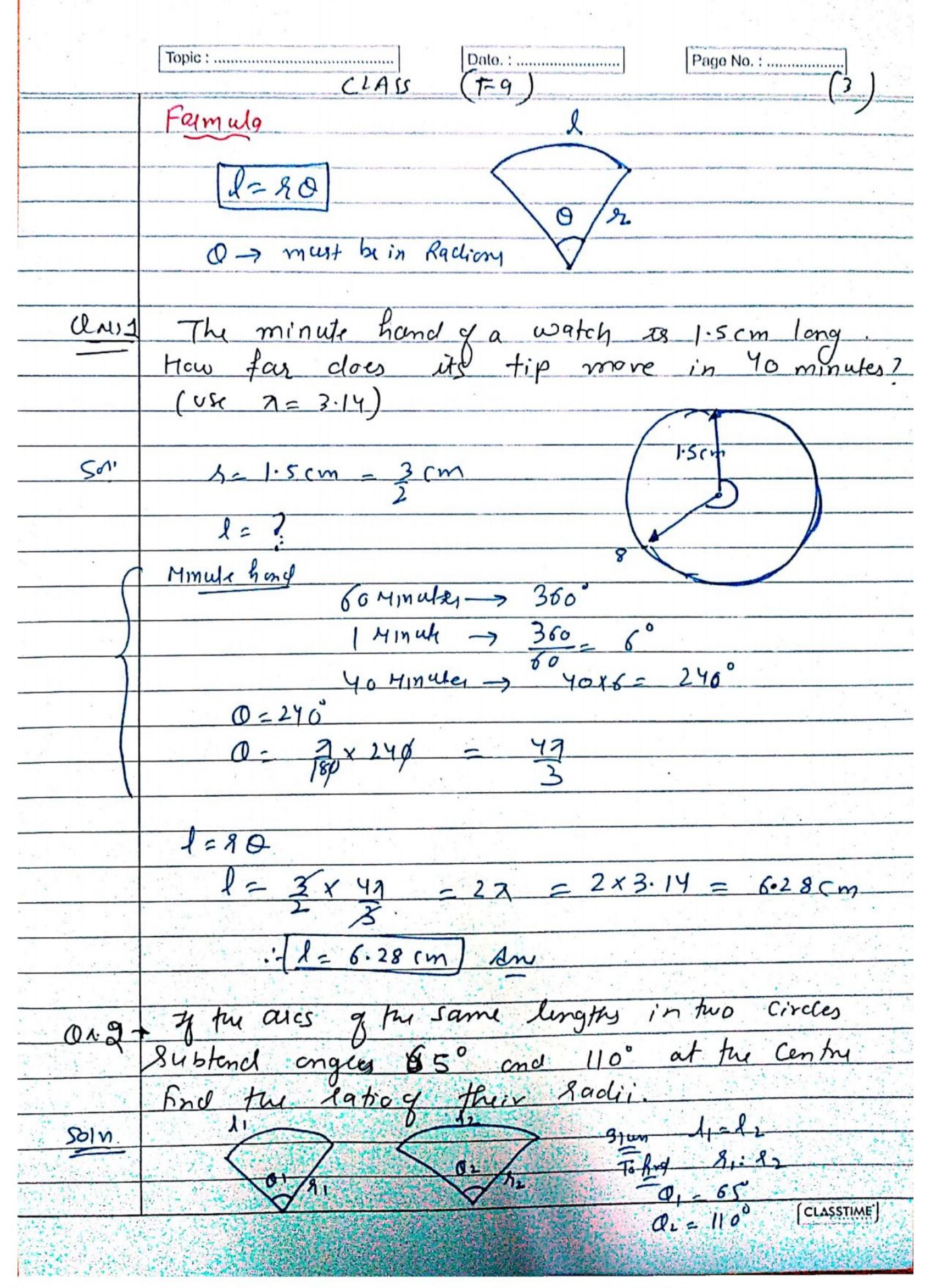
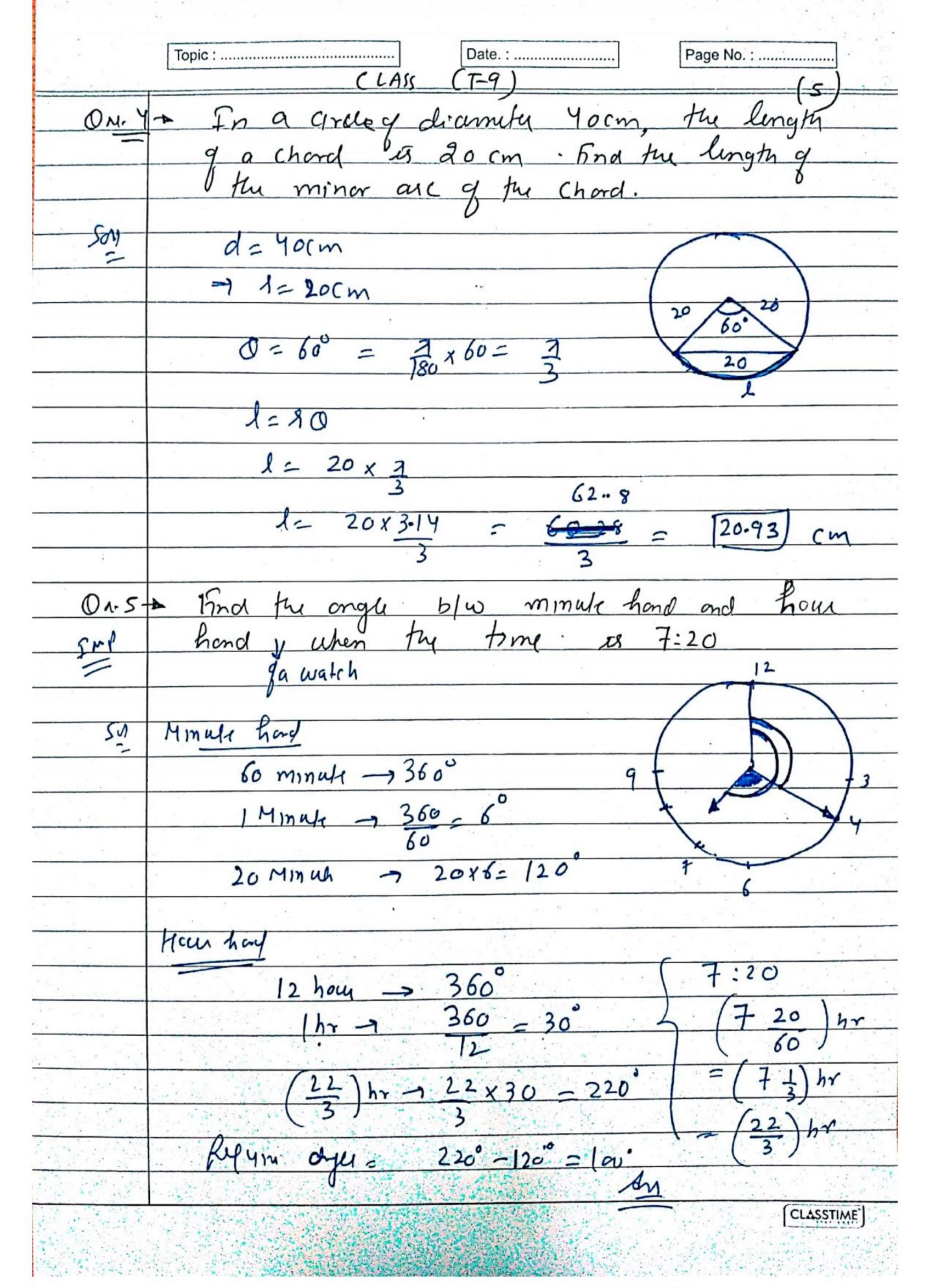
	Topic:
	BY: AJAY MITTAL: 9891067390
*****	TRICIONOMETRY (CLASS NO. 9) (T-9)
	Degree and Radians
	(') 10 = 60' (minutes)
	(') $1^{\circ} = 60'$ (minutes) (') $1^{\circ} = 60''$ (Seconds)
	Conversions
	(.) Radian measure = 7 x dagne Measure
	(1) Degree Measure = (180 x Rochon Measury).
	$(\cdot) \qquad 7 = \frac{2^2}{7}$
Q NY 1	Convers in to degree
SON	degre marue (180 x 4)°
7	
	$= \left(\frac{180}{22} \times 7 \times 1\right)^{\circ}$
	7 11
	$= \left(\frac{2520}{11}\right)$
	= /229 110
	11)
	= 229 (55)
	= 229° 5' (\text{\fix 60})"
	$=229^{\circ}5'(300)''$
	degru mearuy = 229°5'27" (Approx)
	NOR 1 Radion \$ 57° Sin(30) \$ 1/2
	CLASSTIME')

	Topic:
	Convert 240° in to sadion measure
QN2	Convert 240° in to sacyon measure
Soln	Rachen Meanay = (7 x 240) Racham
	= 47 Ractians
•	$(3) = \frac{4 \times 22}{3} = \frac{88}{21} Radicon$
01.3	Conver 36°36'36" in to Rachen Meanur
501	$36'' = \left(\frac{36}{60}\right)' = \left(\frac{3}{5}\right)'$
	$36 \ 36. = \left(36 \ \frac{3}{5}\right)^{1}$
	36 36" = (183)
	$= \left(\frac{183}{6000}\right)^{O}$
	(5×6.0)
	$\frac{2}{100}$
	36 ^b 36'36"= (36+61)°
	100)
	$= \frac{3661}{100}$
	Radion Meanur = (7 x 366) Radion
	- (36612) Rackony Any
	$\left(\frac{18000}{18000}\right)^{2}$
	(CLASSTIME)



	Topic:
	Q1= 7 x65 sacron
	02: 7 x 110 Rackony
	$l_{1}=9,0,$ and $l_{2}=9,0$
	$\frac{dinde}{dt} = \frac{1}{2} \frac{1}{$
	1-11=12
	1= 81 x 7/x65 T80
	3 x 2/ x 1/0
	110 - SI 65 - SZ
	$\frac{1}{12} = \frac{1}{12} $
Ø A-3	* A while makes 360 sevolutions in one minutes. Through how many sactions does it tuen in one second?
<u>Conj</u>	In one Minute -> 360 levolution
	60 m Secondy -7 360 Revuluhan
	1 se cona -7 360 = 6 Revolution
	1 second -> 6 x 360°
	$\frac{2}{\sqrt{2}}$
	1 Secal -> 7 x 6x360
	= 127 Radiony Any
	CLASSTINE
	[CLASSTIME]



1.5	
	Topic:
	5 + Find for ongle in lactions once also in the degree
Tr.	through which a pendulum Swirgs of 11 its
,	length a 75 cm and tru tip desceibs an
	through which a pendulum Swirgs of 17 its length a 75 cm and tru tip describes an arc of length 15 cm.
50	1= 15cm
	0=1
	1=90
	15= 750.
-	0 = 1 Radron
	5
	Begne marce = (180 x 1)
	$=\left(\frac{180 \times 7 \times 1}{22}\right)^{\circ}$
	22 5
	$= \left(\frac{90 \times 7 \times 1}{11}\right)^{\circ}$
	$= \left(\frac{18 \times 7}{11}\right)^{\circ}$
	= (126)°
	$= (115)^{\circ}$
	$=11^{\circ}\left(\frac{5}{5}\times60\right)$
	= 11° (30°)
	= 10 / 27 21
	11 (2+2)
	=11'27'/3×60)"
	$=11^{\circ}27^{\circ}(180)''$
	= 11°21° 16" A prox