3.	Express the following angles into sexagesimal seconds;	
•	into sexagesimal seconds;	
	- Lab C. A.	
<u>i)</u>	200	
	Soln	x20
	Here	DQ
	20° = (20° x 605° x 60)"	50 X,
35	$\frac{20^{\circ} = (20^{\circ} \times 60^{\circ})^{\circ}}{= (1200^{\circ} \times 60)^{\circ}} \times 60^{\circ}$ $\frac{1}{(1200^{\circ} \times 60)^{\circ}} \times 60^{\circ}$	200
	.:-200 = 72000"	
		-
) 65°	
,		
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PAGE No. Soln Here $65^{\circ} = (65 \times 60 \times 60)^{11}$ $65^{\circ} = 234 \times 600^{\circ}$ Here,

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iv	10040'	
	10°40'	
	10 1000 0000000000000000000000000000000	
	Here, $10^{\circ}40^{\circ} = (10\times60 + 40)^{\circ}$ $= (600 + 40)^{\circ}$ $= 640^{\circ}$	
	= (600+40)'	
	= 6401	111
	NOW,	
	600640' = [640×60]"	
	= 38400"	
	:.10°40' = 38400"	
		(1/1
4)	Express H 1 11 :	
	Express the following angles int centisimal seconds;	0
	centis mai seconds;	
i)	169	
->	Soln	
	Here	
	$16^9 = [16 \times 100 \times 100]^{11}$	
	169 = [16x100x100]11 .:169 = 16000011	

	DATE AND ADDRESS OF THE PARK T	
ii	429	Parkitini deli serama y sienne gi prigugina.
	Soln Here, 429 - Cu2xionxion2"	Control of the second of the second
	Here,	
	$42^9 = (42 \times 100 \times 100)^{11}$ $42^9 = 420000^{11}$	
	:.42\$= 420000"	
7:1	509	
	Soln	
	Here,	
	509 = (50×100 ×100 TI)	
	509 = (50x100x1007") .:509 = 500000"	* 4
	.55 50000	
iv)	809 801 (Table 1) - 11 - 11 - 11	70
	Soln Caxob	
	Mere, Mas Manager	
	809801=[80x100+80]'	
	=[8000+80]1	1
	= 8080'	
	Now,	
	8080' = [8080x1007" = 808000 .:80980'= 808000"	11
	1.8080 = 808000,	
		The state of the s
18		

5) Express the following sexagesimal seconds indo into degree: (i) 43250" -> Soln Here, : 43200"= 120 12600011 Soln Here, $126000'' = \int 126000$.126000"_ 350 iii) 201600" Soln Mere,

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and the second second		
	·:201600=56°	
A SECTION AND A	C PROPERTY E PORTONIA	
iv	91800"	
	Soin cara = "attracara"	
	Here	
	91800" - [91800] ° 60x60] (C.S.	7
1	60x60 7005	1::1
	91800"- 25.5°	,
	* 1 の可可のC 至 7 = 1 で何何の2年	
6)	Express the following centisimal	
	Express the following centisimal seconds into grade:	
€ j	180000"	1.
<u>→</u>	Soln	5
	Here, 'mail	
	180000" - [180000]9	
	LIODXIOD	
	18000011 = 189	ķ
		·
ii)	460000"	
->	460000" Soin 20 20 20 20 00 2201027	

Here, 460000" = [- 460000 79 .46000011 = 469 iii) 7200001° Soln Here, :720000" = 729 iv) 335600" -> Soin Here, . . 33560011 = 33.569 71 Express an angle of a square

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	into grade. Production	
	Solo Elanoi Jan	
	Horp	
	Anale of a square- 900	
	1 - [10]9	
	or, $90^{\circ} = [10 \times 90]^{9}$ $\therefore 90^{\circ} = [100]^{9}$	
	.90° = [100]9	
	:. Angle of square in grade = 1009	
70		
- 1 (ii')	Express an angle of an equilateral triangle into grade.	1
	triangle into grade.	
一	Soln	
	Here,	
	Angle of an equilateral	
	Triangle=60°	
	Soln Here, Angle of an equilateral triangle=60° We have,	

