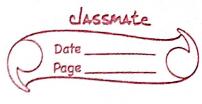
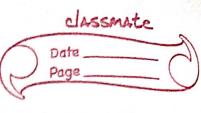


3	Show that Sen 10 Senso Sen 70 = 1/8
	SOD10[-42 (Cos 120 - Cos 20)]
40	Sen 10 [-1/2 (Cos (90+30) - Cos do))
	Sun10 [- 1/2 (- Sun 30 - Cosda)]
A 7.	Sunto [-1/2 (- 1/2 - 65do)]
Maria A.	Som to T Vi (a Sdo)
	Som 10 [/4 + /2 (0 Sdo)
	4 Sin10 + 1 Sin10 Cosdo -
	4 Jun (0 + 1/2 [/2 (Sin 30 + Sin -10)]
	1 Son10 + 4 [4 (12 - Son10)] 1 Son10 + 4 [4 - 42 Son10]
	4 1 0 5 1 1 1 1 1 1 Conto
	4 f Sin10 + 1/8 - 44 Sin16
	= 18/
4-	8how that cos55+ cos65 + Cos175=0
AA A 100	ACD PORT - TO GOOD P
2.	- C-S55 + 2 Cos 65+175 Cos 65-175
A sa a Paris	who has not a deal of the deal of the second of the
English St.	- Cos 55 + 2 Cos 240 Cos - 110
	1 man de d'
	= Co855 + 2 Cos 120 Co8 (-55)
	2 Cos 55 + 2 Cos 120 Cos 55
	(0555 ([+ 2 cos 120)
	= 6555 (1+ 2 Cos (90+30))
	= (0855 (I+ T & Scn30)
	- (000) (19 QU(100)



	= Cos55 (1-2×/2)
	= Cos 55 (1-1)
4.7	
Q.	Prove that Son do Son 40 Son 80 = 13/8.
	Sundo [- 42 (Cos 1 do - cos-40)]
	Son 20[-1/2 (65120-6840])
6	Son 20[-1/2 (-Sonso-Cas40)]
	La
	2 Son 20 [2 son 30° + 4, Cos 46°)
	-Son 20 [2 50 30 7 2 605 40] .
	1 Com de 1) Son de Ces 40.
	= 70000
	= + Son 20 + + (Y, Sin 60 +
	2 f Son 20 + f (y Scn 60 + Son (-20))
	= f Scn do + f & 13/2 + f Scndo
	9
	$= \int \frac{3}{8}$
	,
18年1年	



	morkont problems
in the second	MAGNICOLA PIESE
1	Prove that Gos 3A - Cos A = tanda
(SUDA-SURSA
,	Prove that Son A + Sons A + Sons A
-q-	Cos A + Cos 3 A + Cos 5 A
	= tan3A
2	Plove that Son50-Son70 +Son1020.
ا ا	Preve that Cos 80 + Cos 40 - Cos 20
	prove that Cosdo Cos 40 Cosdo = 48
->-	
	The state of the s
	was to be a second of the seco
= 4	
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