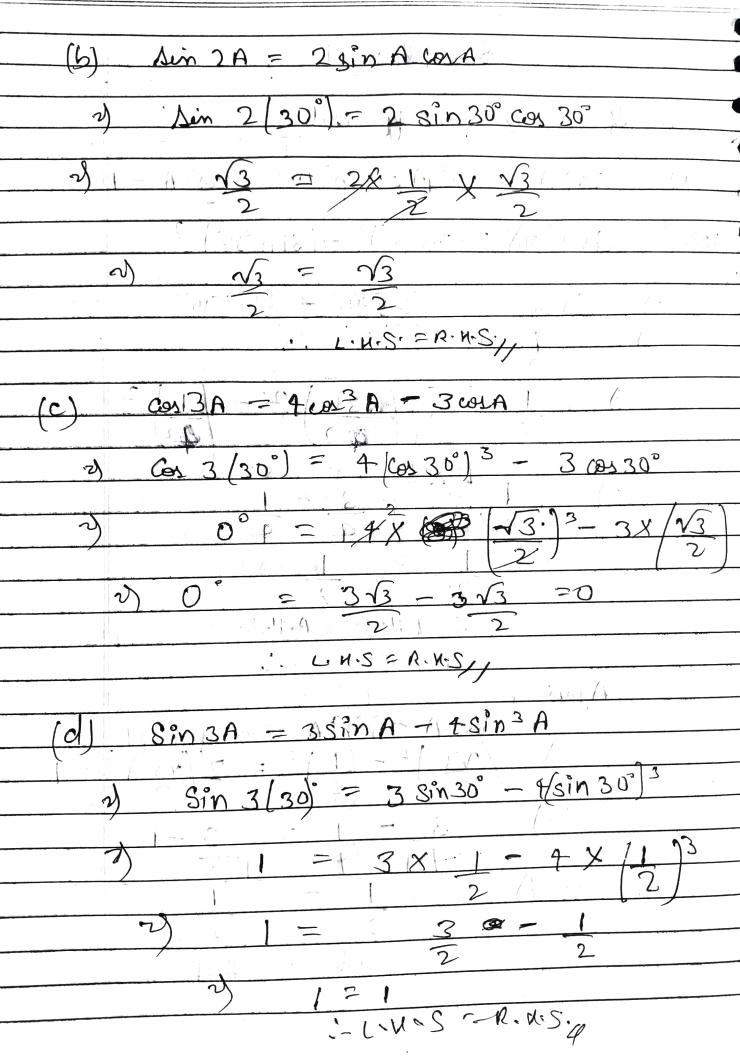
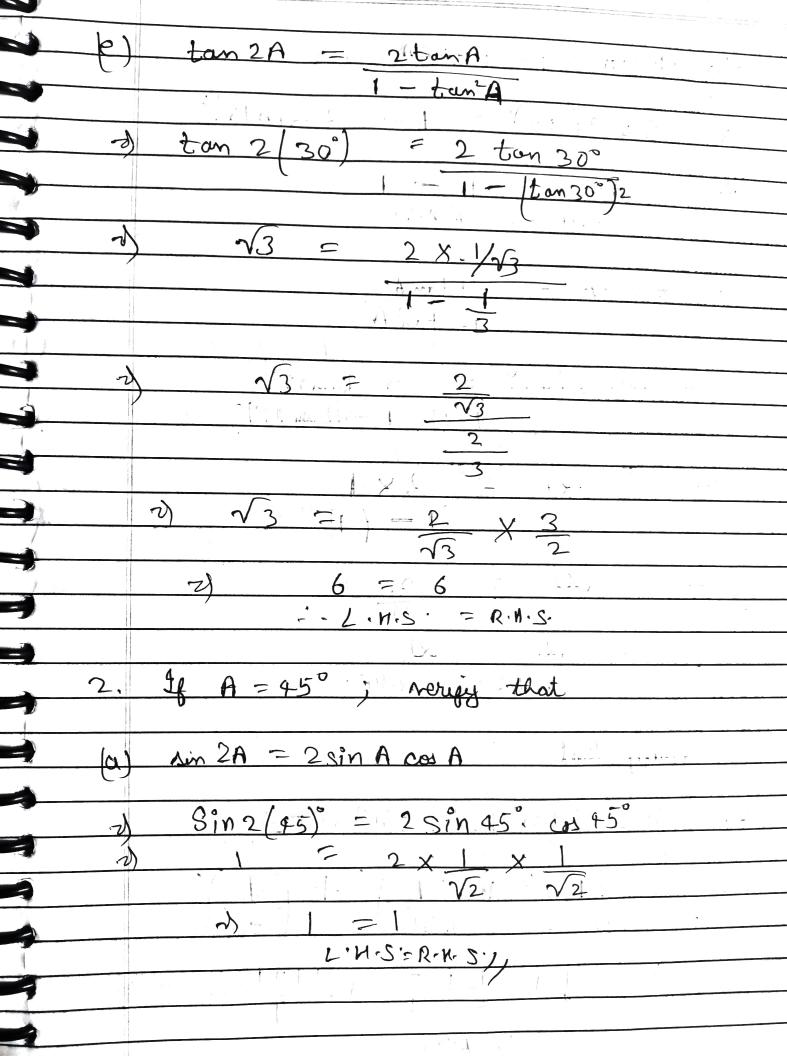
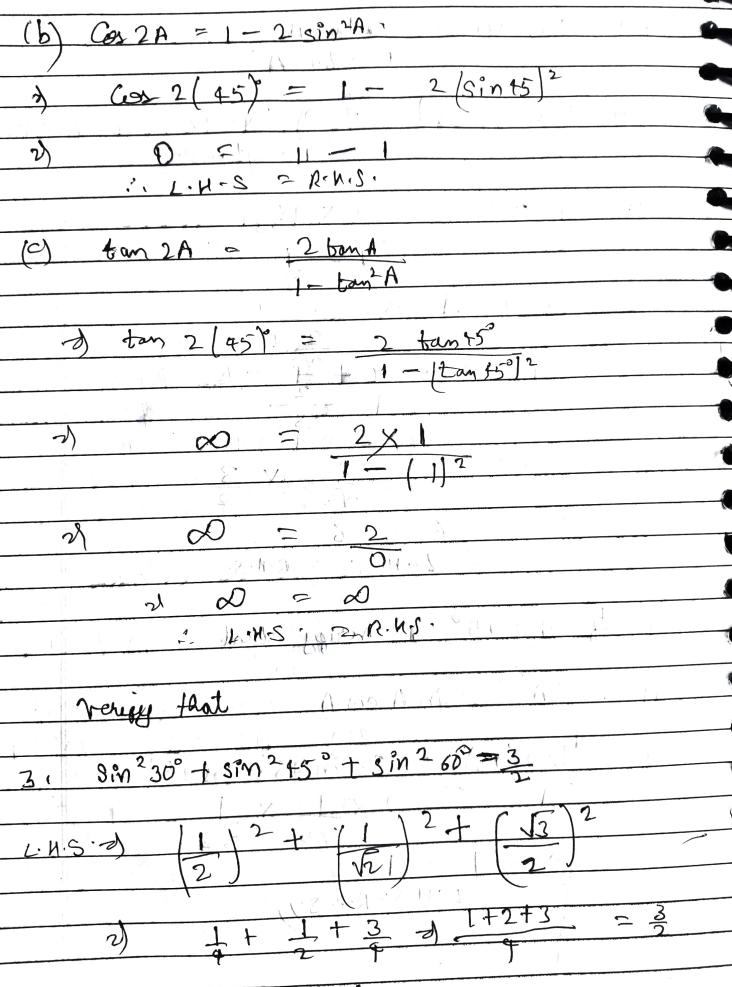
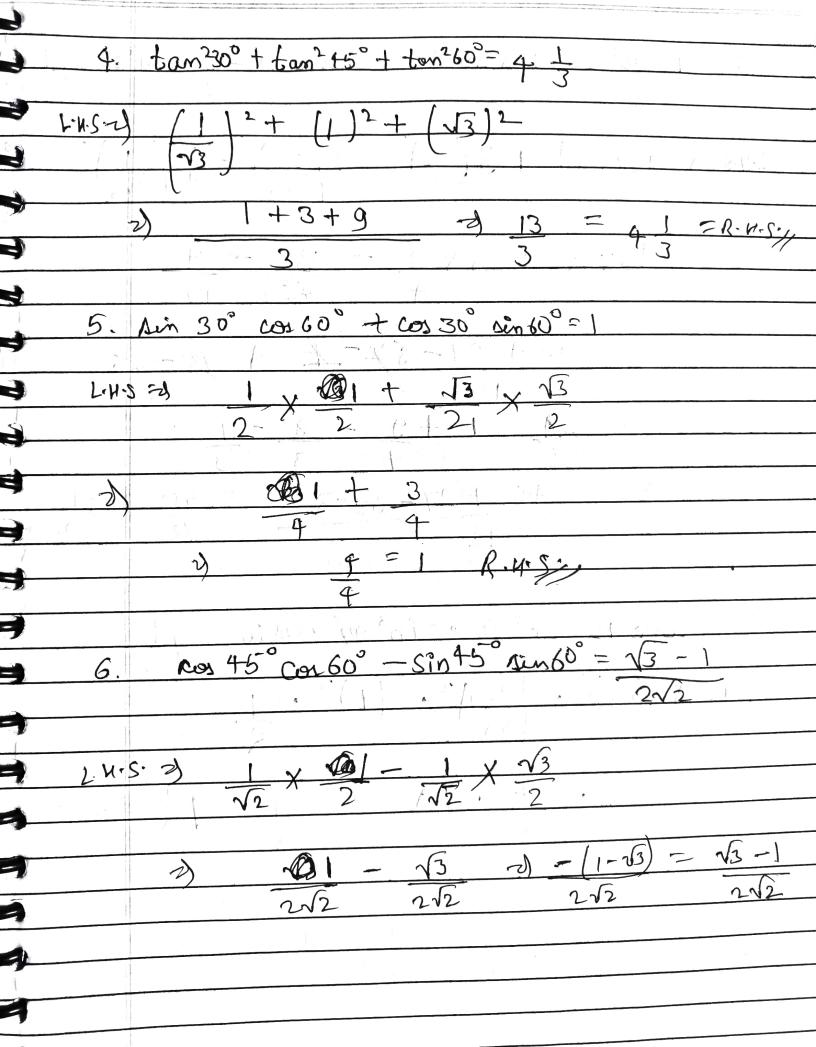
Examples -VII	1
1. If A = 30° , verify That	A Comment of the Comm
(a) Cos2A = Cos2 A - Sin2A = 2	res2A -1
(a) $C_{03} 2(30)^{\circ} = (C_{03} 30)^{2} - (S_{11} 30)^{\circ}$	2
2) Cos 60° = Cos 20° = Sin2	90°
2)	
2	
2) 16110 = (13/11/2-	1/2 / / ·
2	(Car
1º08.18 & - 108 en + - 1.30	i list
2) = 3 = 1	
180 X8 - 1.82 8/10 X 4 9 9	\$
2) 2) = 1	
0= 2/2 - 2/2	_
: L.H'S. = R.H.S.	
Constant of San Value San Constant of San	
Again,	
4 & 1 2 1 - CPC2	1012A'-1
2 /2 12 - 11 12 =	7/1/3/2-1
1 100 male (02 /) p. (2)	(2)
3 - 1 -	3-1
The state of the s	2
2)	1
2	2
i. L.u. S. ER	.W.S.
	-11







<, R.N.S



7.
$$\frac{4}{3} \cot^{2} 30^{\circ} + 3 \sin^{2} 60^{\circ} - 2 \cos 00^{2} 60^{\circ} - \frac{3}{3} \cot^{2} 30^{\circ} = \frac{3$$

9.
$$4 \cot^2 45^\circ - 500^2 60^\circ + \sin^3 30^\circ = 1$$

2) $4 \times 1 - (2)^2 + (2)^3$

2) $4 - 4 + 1$

8

2) $- (2)^2 + (2)^3 + (2)^3$
 $- (2)^2 + (2)^3$
 $- (2)^2 + (2)^3$
 $- (2)^3 + (2)^3$