(c). $1 - \cos^2 x = \sec x$	
It Seux	x WOT-1 = 1-X100 (8
	X 101 X 11 11 X 101 X
1-costx -	
Itseux	12.70
	X TO J
1- Seux	17 The state of th
1 + Seux	100
	10/-1
1-1tsevx-sevx	THOUSE - 100-17 = 100-1
itserx	MOD + 100+1 101+1
- 1 1 501/\	Ton
1-1-5enx	
SI-Itseux	B) TONEX = 1-49 X
E SEUX = SEUX	88(xt) 105 X
E 200 x = 200 x	
D)	X 600 -1
TOW X - SEUX - SEA	(V
	05 X 1 X 38 1 - X 38
OW - V II W	11000
Seu X Seu X	18392
Seu x _ Seu x 503x 1 5w3x	1-15/13
5W3x	(T. A. A.)?
Senx-cosx senx	11 x 2 you 3
$\frac{\cos x}{\sin 3x}$	3ec k t (
5W3X1	

Senx. Cosx. Senx Cosx sen3x X 808 SW X (1-005 x) 1-605 x COSX . SWZX 1-605X (05 × 11-008 × (1+ 605 x) 003 × (1+00) ×) (05x - 8cm X See X = See X 17005 X 17005 X = SWX + WOSK = SOUN E) 1 = Z See ZX It seux 1-seux + seux 1-seux 17 Seux + 1-seux 1 + seux 1 - seux 1+ serx + 1- serx = 2 = 7 see 2x = 7 see 2x 1- Seuzx

F. GOS X , SUX = SUX + COSX 1-tanx 1-cotx 1- seux 1- cosx COSX SEUX Cas2x + seu2x (DJX - SINX SEUX - COSX COSTX - SENZX 10SX - SEUX = COSX + SEUX + COSX - SEUX 100 × (11+0) 605x - 5eux = COSX + SENX = seux + cosx = seux + cosx 5 Sev Zx - Toux 5 Tow 2x (082X - VOTX Ser 4 - Serx COSX -COJZY - COSX SUX 1750 1-360x (DUX SEW TX - SEW X; SEW X 115WK + 1-8WX (052x Sevx - 605x, 608x

COSK 5W3x - SWZX

[SevZX (SWX (OS X-1)) (COS ZX (COS X SWX-1)

sentx = Tan 2x

H. 1-8WX = (seex - Taux)2

1-SWx2

1- ZSEN X SENZX

See2x - 2 Tanx Seex + Tanzx

Secx - ranx = (seex - ranx)?