	ä		16.14	AA	72	21/3	11/4	54/6	7	35/2	21
100	0	30	45	60	90	120	13.5	150	180	235	368
de	0	1/2	1/10	V7/2	150	47/2	1/0		0	-1	7)
COC	1	V3/2	10	1/2	0	-1/2	-1/52	77/2	-1	0	1
lar	O	1/53	4	5	po	-[3	~1	-40	0	- 00	0

25 | 1 dx = 1 log | 0+x | +c 26 | 1 dr + 1 log | 1-0 +1 PH (1 dx = 1 tan'()+1 28) 02+x1-> x=0+an0 291 - dr = Sin'()+1 301 03-x3-> x=0 Sing 311 x2-03 -> x = asec0 32 | 1 dx = log | x + Va2+ x2 | +(331 1 dz = log/2+ 122-02/40 37 125-25 gz= 2 20,-2= + 05 21, (2) 11 35 | Jz 2+00 dz = I Jz 402 + 02 log | z + Jz 202 | +1 36 / 12-00 dx = 2/2-00-00 log /x+/2-00 1x. - 37 [ILGI = I DIGI -] (I') I - IP II | FE. 38 (Pat 1 dr = A + B + THE + THE 39 Divided = Q+ Prisor 40 | e2[f(x)+f(x)]dx = e2f(x)+ m] f(x)dx=0 43] f(x)dx= f(+)dt तत्र हित्य वर = - हित्य वर तत्र हित्य वर = हित्य वर नहिंद्य वर नहिंद्य वर 45] [f(x)dx=[f(a+b-x)dx 44]f(x)dx=]f(a-x)dx

-> SinB = DPP CorB=adj ton 8 = Opp ngp hyp odj Coxect = hyp SELB = LYP wit = adj opp PP -> Singx (Dier 8=1 Sind = 1 Coses . Loses 0 = 1 Coso x See 0=1 lo so = _ L See 0 = L tand x 6+8=1 tant = 1 = Oras -> Sin 0+ (as 0=1 Sec 20 - tan 20=1 Sinto=1-6520 Secto=1+taneo Sint= J1-costs Seet = J1+ tanto (0520=1-Sin20 tan20=Soc20+ (050 = J1-Sin20 tand = Jsecto-1 (c) series - (c) 100 - (c) 100 - (c) Cox el 20 = 1+ 60120 Cosce 8 = J1+60128 1-8-200 = 65+0) Coto= 165220-1 Sin2x = 2 Sinx-Corx = 2tanx 14 tan21 Costr=cos2x-sin2x = 2cos2x-1=1-25in2x = 1-tan'x 1+ton's taner = 2 tam Hant 8in3r = 3sinz-usin3x Los3x = 4cos3x - 2cosx tans = Stanz - tan'x 1+1057x = 21058x = 1+1057x 1-1012x = 25in2x = 1-1012x

→ Sim= 2Sing los ス= 2tan 子 (012=1012x - Sin2x = 20012x -1=1-25in2x = 1-tan th 1+100076 tank = 2 fan 42 H COIX = 2005 42 => cos 2 = 1+ cosx 1-corx = 8 cin2x/2 => cin2x/2 = + corx → Sin(x+y)= Sinz Losy + Eorx . Siny Sin(x-y) = Sinx losy - Corr. Siny (os (rety) = cosx cosy - sinx siny los(x-y)= cosz. cosy + sinx siny tun(x+y): tanx + tany tan(x-y): tanx-tany 1+ familiary 1-tanxtany SinA. Los B = 1 Sin(A+B) + Sin (A-B) 501A. Sin8 = 1 [Sin(A+8)- Sin(A-8)] COSA. COSB = \$ [COS (A+B) + COS (A-B)] Sina sing = to [Los (A-B) - Los (A+B)] Sinc+sinD=2sin[c+D] cos [c-D] Sin C-SinD = 2 Cos [St] sin [S-] (0) (+(0)D = 2 tos (C+D) cos (C-D) Cosc-cosp = -25in [40] sin [6-0] -> Sint = tant Lost = coto 一記がなっしているないなっし d tan't = 1+x1 d wt'x = =1 dx see x = 1/221 dx cose x = -1

$$\frac{1}{12} dx = \frac{1}{1011} + \frac$$