Ons: 1 Scos2 x du

Of $\left(x + \frac{\sin(2x)}{2}\right) + c$

QM12 J Cot2(2x-3) du

(2) $-\frac{\cot(2x-3)}{2}$ -x + c

ON-3 SCC32x du

 $\frac{1}{3} \left(\frac{1}{3} \left(\frac{-3(4(2))}{2} + \frac{(4(6))}{6} \right) + C \right) + C$ $\frac{1}{3} \left(\frac{35mx}{3} + \frac{5m(3x)}{3} \right) + C$

Only $\int \sin^3(2\pi) dn$

OM5 Sin2 (4x+3) du

(5) \frac{1}{2} [2 - 5m/8x + 6)]+c

Om 6 Jasy (4x) du

(6) \$ [3x + sn(16x) + sn(8x)]+c

QM7 Siny (3x-2)du

(F) \$ [3x + Sn(12x-8) - 45m(6x-4)]tc

Om 8 / Cosecy(x)dn

(8) - Cotx - cot3x + c

Ong / tmy (5x) du

(9) ten3(5x) - ten(5x) +x+c

0~10 J cot 3(3x) du

(10) - (0+2/34) - 1 109 | sin (34) | + C

Qn11 Scos5x dn

(1) Sinx + sinsx - 2sin3x + c

0-12 / Sin 72 du

(1) - [COIN+ (COIN + 6 COIN - 4 COIN - 4 COIN] + C

01-13 / Cot 5x dn

0114 S Cas 6 (2x) dn

(14) = [10x + 951/4x) + 51/(12x) + 35m(8x) +

01-15 \ \in(27) \cdot \sin(54) dn \\ \frac{1}{2} \left[\frac{\sin(37)}{3} - \sin(\frac{74}{7}) \right] +c \\ \frac{3\sin(47)}{2} \right] +c

0-16 $\int ca(2\pi) \cdot ca(4\pi) \cdot (a)(6\pi) du$ (6) $\int \int ca(2\pi) + \frac{\sin(4\pi)}{12} + \frac{\sin(4\pi)}{8} + \frac{\sin(4\pi)}{12} + \frac{\sin(4\pi)}{8} + \frac{\sin(4\pi)}{12} + \frac{\sin(4\pi)}{8} + \frac{\sin(4\pi)}{12} + \frac{\cos(4\pi)}{12} + \frac{\cos(4\pi)}{12}$

WORKSHIEET NO=1 (clan No=2)

INTE GRATION

TRIGO FORMULAE (CSFO)

$$(10)^{5} \ln(20) = 2 \sin 0 \cos 0 ; (11) \cos(20) = (00^{2}0 - \sin^{2}0) = 2 \cos^{2}0 - 1 = 1 - 2 \sin^{2}0$$

$$\frac{\text{(iy)}}{\text{tan(20)}=} \frac{2 \text{tano}}{2 \text{tano}}$$

(20)
$$ten^2u = Se(2x-1)$$
; $Cot^2x = Cose(2x-1)$