atio de Inte

$$\begin{array}{c} \boxed{5} \quad \boxed{9} \quad \cancel{9} \times = \times + c \\ \boxed{1} \quad \boxed{9} \quad \cancel{9} \times = \times + c \\ \boxed{1} \end{array}$$

$$3)$$
 $\int dx = x + c$

$$\Theta$$
 $\int dx = x + c$

$$6 \int_{0}^{\infty} dx = x + c$$

$$9 \int dx = x + c$$

$$\bigcirc 19^{\times} = \times 10^{\circ}$$

$$\int x_n \, dx = \frac{y+1}{x_{n+1}} + C$$

(8)
$$\int x_{\mu} dx = \frac{\mu+1}{x_{\mu+1}} + c$$

$$\int X_u \, dx = \frac{u+1}{X_{u+1}} + C$$

$$\int x^n dx = \frac{n+1}{x^{n+1}} + c$$

$$10 \quad \int x_{\mu} dx = \frac{\mu + \tau}{x_{\mu + \tau}} + C$$

(3) a = constante

$$2 \int a \cdot f(x) dx = a \int f(x) dx$$

$$(5) lo \cdot f(x) dx = a lf(x) dx$$

6
$$\int o \cdot f(x) dx = \alpha \iint (x) dx$$

8
$$\int a \cdot f(x) dx = a \int f(x) dx$$

$$0 \int a \cdot f(x) dx = a \int f(x) dx$$

(4) Especial

$$\int \int \frac{1}{1} dx = |u| \times 1 + C$$

$$2 \int \frac{1}{x} dx = |n| |x| + C$$

$$\frac{1}{\sqrt{2}} \int_{-1}^{\infty} \frac{1}{\sqrt{2}} dx = \left| \frac{1}{\sqrt{2}} \right| |x| + C$$

(5)
$$\int_{0}^{\infty} \frac{1}{x} dx = |n| \times 1 + C$$

$$\int \frac{1}{x} dx = |n| \times |+ C$$

$$\frac{3}{\sqrt{3}} \int \frac{1}{x} dx = |n| |x| + C$$

$$\frac{d}{d} \int \frac{x}{1} \, dx = |u| x + C$$

$$\int_{0}^{\infty} \frac{1}{2} dx = |u| \times 1 + C$$

$$6) \int e^{x} dx = e^{x} + C$$

$$\int_{\mathbb{R}^{N}} \int_{\mathbb{R}^{N}} e^{x} dx = e^{x} + C$$

$$\oint \int e^{x} dx = e^{x} + C$$

$$\int o_{x} dx = \frac{\ln a}{\sigma_{x}} + C$$

3
$$\int \sigma_x \, dx = \frac{a_x}{\sigma_x} + C$$
 8 $\int \sigma_x \, dx = \frac{a_x}{\sigma_x} + C$

(d)
$$\int \sigma_x \, dx = \frac{\ln \sigma}{\sigma_x} + C$$
 (d) $\int \sigma_x \, dx = \frac{\ln \sigma}{\sigma_x} + C$

$$\int a^{x} dx = \frac{a^{x}}{a^{x}} + c$$

8
$$\int o_x \, dx = \frac{\int v \, dx}{\sigma_x} + C$$

$$\int o_{x} q^{x} = \frac{\ln a}{a_{x}} + C$$

(5)
$$\int a^x dx = \frac{a^x}{\ln a} + C$$
 (10) $\int a^x dx = \frac{a^x}{\ln a} + C$

1) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \Im f(x) dx$ 2) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 3) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 4) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 5) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 6) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 7) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 8) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 9) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$ 9) $\int f(x) \stackrel{!}{=} \Im f(x) dx = \int f(x) dx \stackrel{!}{=} \int f(x) dx$

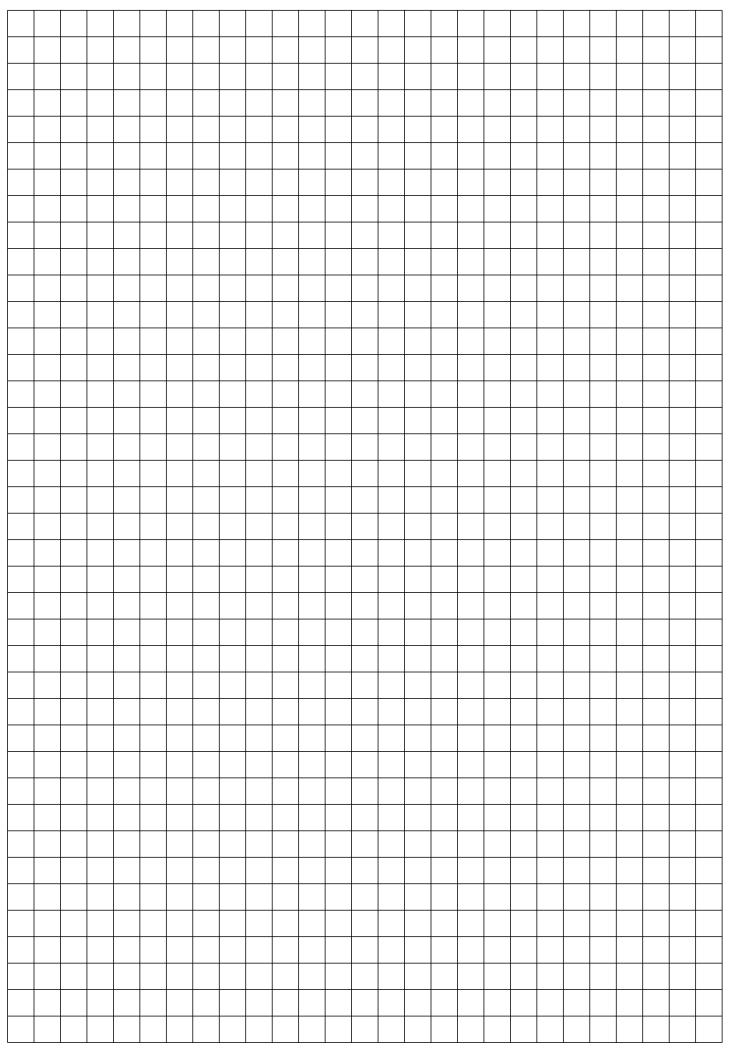
10 If (x) + 9 (x) dx = If (x) dx + 19 (x) dx

8

(2) $\int 2 \sin x \, dx = - \cos x + c$ (3) $\int 2 \sin x \, dx = - \cos x + c$ (4) $\int 2 \sin x \, dx = - \cos x + c$ (5) $\int 2 \sin x \, dx = - \cos x + c$ (7) $\int 2 \sin x \, dx = - \cos x + c$ (8) $\int 2 \sin x \, dx = - \cos x + c$ (9) $\int 2 \sin x \, dx = - \cos x + c$ (10) $\int 2 \sin x \, dx = - \cos x + c$

9

- 1 $\int \cos x \, dx = \operatorname{Sen} x + C$ 2 $\int \cos x \, dx = \operatorname{Sen} x + C$ 3 $\int \cos x \, dx = \operatorname{Sen} x + C$ 4 $\int \cos x \, dx = \operatorname{Sen} x + C$ 5 $\int \cos x \, dx = \operatorname{Sen} x + C$
- 6 $\int \cos x \, dx = \int \cos x \, dc$ 9 $\int \cos x \, dx = \int \cos x \, dc$ 10 $\int \cos x \, dx = \int \cos x \, dc$ 10 $\int \cos x \, dx = \int \cos x \, dc$



Nombre: Themil Calixto Memeni Ques Paralelo:"C"

$$\int \cos \sqrt{x} \, dx$$

$$+ = \sqrt{x}$$

$$+^2 = x$$

$$2 + d + = d \times$$

Scos(+)(2+ d+)
2 St cos(+) d+
Derivamos por partes

$$u = t$$
 $dv = cos(t) dt$
 $dv = dt$ $v = sen(t)$

 $= 2\sqrt{x} \operatorname{sen}(\sqrt{x}) + 2\cos(\sqrt{x}) + C$

Nombre: Themil Celixto Memeni Ques Perelelo: "C"

$$\int |n(x^2+1)| dx$$

$$\int = \ln (x^2 + 1) \qquad dq = dx$$

$$\frac{dx}{dt} = \frac{x_s + 1}{sx} \qquad \partial = x$$

$$g_{k} = \frac{\times_{s} + 1}{S \times} g \times$$

$$= |u(x_s + 1) \times - \left(\frac{x_s + 1}{5x} \right) \times \frac{x_s + 1}{5x}$$

$$\int \frac{x_5+1}{5x_5} dx = 5 \int \frac{x_5+1}{x_5} dx$$

$$\begin{array}{c} \times^2 + 1 \quad \left[\begin{array}{c} \times^2 + 0 \\ - \times^2 - 1 \end{array} \right] \\ \end{array}$$

$$\int_{S} \left(\sqrt{1 - \frac{x_3 + 1}{1}} \right) \, dx$$

$$2 \int 1 dx - 2 \int \frac{x^2 + 1}{1} dx = 2x - 2 t en^{-2} x + C$$

$$\int \ln (x^2+1) dx = \ln (x^2+1) \times -(2x-2 + an^{-1} \times +c)$$

$$\int |u(x_5+1)| dx = |u(x_5+1)| \times -5 \times +5 + 5 = -5 \times +6$$