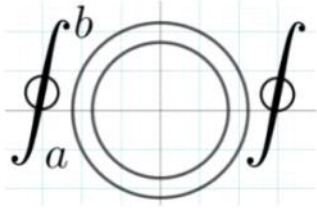


Día 1



Dejéuner

Tres deliciosas racionales con constantes avec le cosine

(i) $\int \frac{4dx}{x}$

(ii) $\int \frac{\cos t}{5} dt$

(iii) $\int 2 \frac{dx}{x^2}$

(iv) $\int 3 \frac{10 \cdot 16}{x^2} dx$

Gran desayuno con logaritmos y cosenos.

NO olvides: $\ln x \xrightarrow{d} \frac{1}{x}$ $\frac{1}{x} \xrightarrow{d} -\frac{1}{x^2}$ $\tan x \xrightarrow{d} \cos x$
 $\int \frac{1}{x} dx = \ln x + k$ $\int \frac{1}{x^2} = -\frac{1}{x} + k$ $\int \cos x dx = \sin x + k$

(i) $\int \frac{4dx}{x} = 4 \int \frac{1}{x} dx = 4 \ln x + k$

(ii) $\int \frac{\cos t}{5} dt = \frac{1}{5} \int \cos t dt = \frac{1}{5} \sin t$

(iii) $\int 2 \frac{dx}{x^2} = \int \frac{dx}{x^2} = 2 \int \frac{1}{x^2} dx = -\frac{2}{x} + k$
(Confusión) (Si lo ves mejor)

(iv) $\int 3 \frac{10 \cdot 16}{x^2} dx = 3 \cdot 10 \cdot 16 \int \frac{dx}{x^2} = \frac{-480}{x} + k$