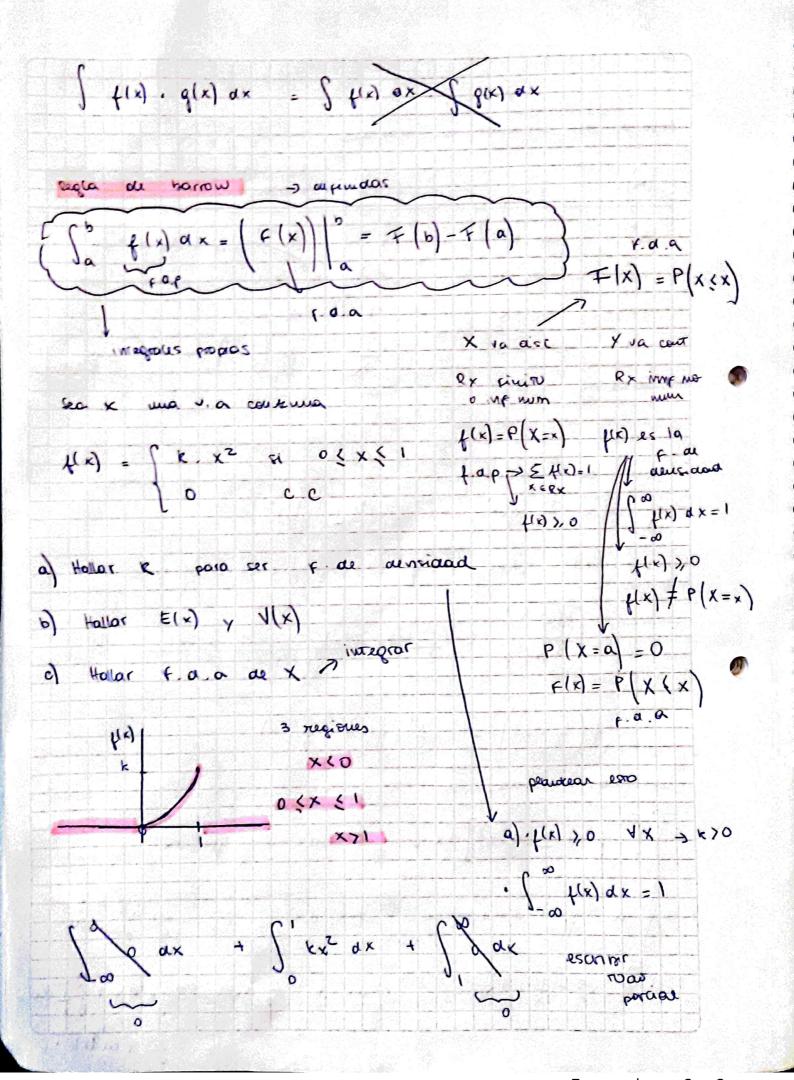
المعام	t,(×	+(x)	Primiriva
Xm	m.xm-1	Χm	X m+1 m = -1
e × _	۷,	e*	e* + c
ln(x)	V×		\times + c
	0	1 ×	en (IXI) + C & aca evene
Const	0		
, vic egrales	$\frac{\left(a_{1}(x)\right)^{2}}{\left(a_{2}(x)\right)^{2}} = \frac{\left(a_{1}(x)\right)^{2}}{\left(a_{2}(x)\right)^{2}} = \frac{\left(a_{1}(x)\right)^{2}}{\left(a_{1}(x)\right)^{2}} = \left($	4' (gux)	$(x) dx + \int q(x) dx$



It
$$\int_{0}^{1} x^{2} dx = k \cdot \frac{x^{3}}{3} \Big|_{0}^{1} = \frac{k}{3} = 1$$

Ascribe addition

$$k = 3$$

$$E(x) = \int_{0}^{\infty} x \cdot \frac{1}{2} x^{3} dx = \int_{-\infty}^{0} x \cdot 0 dx + \int_{0}^{1} x \cdot 3x^{2} dx + \int_{0}^{1} x \cdot 0 dx$$

$$= \int_{0}^{1} 3x^{3} dx = 3 \int_{0}^{1} x^{3} dx = 3 \cdot \left(\frac{x^{4}}{4} \Big|_{0}^{1}\right) = \frac{3}{4}$$

Que due addition after after after after a point of the continuous of the c

