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Lista 1 CIV

(VI: y(-1) - -)

$$a) \quad x_3 \frac{dx}{dx} = \lambda - x\lambda \quad ; \quad \lambda(-1) = -7$$

$$x^{2} dy = y (3-x)$$

$$dx$$

$$\int \frac{dy}{y} = \int \frac{(1-x)}{x^{2}} dx$$

$$ln(y) = \int (3-x)(x^{-2}) dx$$

$$Im|y| = \int x^{-2} - x^{-1} dx$$

$$ln|y| = -\int \frac{1}{x} dx + \int x^{-2} dx$$

b)
$$x gn(y) dy = \left(\frac{x+1}{y}\right)^2$$

$$x \ln(y) dy = (x+1)^2$$

credeal

