

EJERCICIO 428E3053:

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$$\int \frac{L(x)}{x} dx =$$

$$\int f'(x) \cdot [f(x)]^n dx = \frac{[f(x)]^{n+1}}{n+1} + C$$

$$= \int \underbrace{\frac{1}{x}}_{f'(x)} \cdot \underbrace{L(x)}_{f(x)} dx = \dots = \frac{[L(x)]^2}{2} =$$

$$= \boxed{\frac{L^2(x)}{2} + C}$$