

$$\int \frac{3x}{x^2+4} dx =$$

INT-S1-051

TIPO $\int \frac{f'(x)}{f(x)} dx = \ln|f(x)| + k$

$$= 3 \int \frac{x}{x^2+4} dx = 3 \cdot \frac{1}{2} \int \frac{2x}{x^2+4} dx =$$

$$= \boxed{\frac{3}{2} \ln(x^2+4) + k}$$