

Evaluate 
$$\int_{1}^{3} \frac{3x}{x^2 + 1} \, dx$$

**HINT**: Use 
$$\int \frac{f'}{f} dx = \ln|f| + C$$

Where 
$$f = x^2 + 1$$
 and  $f' = (x^2 + 1)' = 2x$