

Our Second Quick Review

The left column contains an indefinite integral. Find and write your solution in the right column

Names _____

No calculators!

$\int \frac{1}{5x} dx$	
$\int \frac{dx}{x \ln(5x)}$	
$\int [\cos(5x) - \sin(5x)] dx$	
$\int e^{5x} dx$	
$\int \frac{dx}{\sqrt{5x}}$	
$\int \sqrt{5x} dx$	

$\int \frac{5x}{x^2 + 5} dx$	
$\int \frac{dx}{x^2 + 25}$	
$\int (x+5)^5 dx$	
$\int \frac{5}{\sqrt{25 - 25x^2}} dx$	
$\int \frac{50x}{\sqrt{25 - 25x^2}} dx$	
$\int 5^x dx$	
$\int (x^4 + 10x + 5) dx$	