

A	$\int \frac{6x^2 - 2x}{(x+3)(1+x^2)} dx = \boxed{6} \ln x + \boxed{3} - \boxed{2} \arctan(x) + c$
B	$\int \frac{4x^2 + 9x + 4}{x + x^3} dx = \boxed{4} \ln x + \boxed{9} \arctan(x) + c$
C	$\int \frac{5x^2 + 10x}{(x-2)(x^2+4)} dx = \boxed{5} \ln x - \boxed{2} + \boxed{5} \arctan\left(\frac{x}{\boxed{2}}\right) + c$
D	$\int \frac{x^2 - 12x + 9}{x^3 + 9x} dx = \boxed{1} \ln x - \boxed{4} \arctan\left(\frac{x}{\boxed{3}}\right) + c$
E	$\int \frac{5x^2 + 5x + 9}{(x^2+4)(x+3)} dx = \boxed{3} \ln x + \boxed{3} + \ln x^2 + \boxed{4} - \frac{1}{\boxed{2}} \arctan\left(\frac{x}{\boxed{2}}\right) + c$
F	$\int \frac{10x^2 - 23x + 15}{(x-3)(x^2+9)} dx = \boxed{2} \ln x - 3 + \boxed{4} \ln x^2 + \boxed{9} + \frac{1}{\boxed{3}} \arctan\left(\frac{x}{3}\right) + c$
G	$\int \frac{20x^2 + 16x + 3}{(x+2)(4x^2+1)} dx = \ln (x + \boxed{2})^{\boxed{3}} (\boxed{4} x^2 + 1) + c$
H	$\int \frac{67x - 92}{(x+4)(3x^2+12)} dx = \boxed{3} \ln \left \frac{3x^2 + \boxed{12}}{(x+4)^2} \right - \frac{\boxed{5}}{\boxed{6}} \arctan\left(\frac{x}{\boxed{2}}\right) + c$

To get the three-digit code, add together the numbers in the boxes.