





7.	(n - 3			
	$\int x^3 + 3x$			
	n - 3 n - 3			
	$N^3 + 3N$ $N(N^2 + 3)$			
	21 2 A			
	$n-3$ A $n(n^2+3)$	Bx+ C x2+ 3		
	$\chi - 3 = A(\chi)$	+3) + Bn2 + Cn		
	$=$ Ax^2	+ 3A + Bx2 + Cx		
	(n = n	3A 3	A+ B - O	
	C ~	A = -(B = 1	
	$\left(\begin{array}{cc} x-3 & dx \end{array}\right)$	= ((-1) X +	1 du	
	$\int \frac{x^3+3n}{}$	$\int \left(\frac{1}{n} \right)^{2} dx$		
		= - ln x + 1 (2x dx + (dx	
		= - W(12)	$\frac{2x}{n^2+3} dx + \int \frac{dx}{x^2-13}$	
		= - ln x + 1 h 2	$n\left[n^{2}+3\right] + \frac{1}{\sqrt{3}} + \tan^{-1}\left(\frac{n}{\sqrt{3}}\right)$	+ C
			12 (19)	/
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2. 1) Ju de			
	J 2 - 4			
	N= \1			
	u ² , r			
	2udu = dx			
	2 u² du			
	1 24 du			
	$2 \int \frac{u^2 - 4 + 4}{u^2 - 4}$	du		
	u - 4			

