



Antiremed Kelas 12 Matematika

Integral 4 - Substitusi Dasar - Latihan Soal 2

Doc. Name: AR12MAT0108 Version : 2012-10 |

halaman 1

01. $\int \sin 2x \cos 2x dx = \dots$	
02. $\int \frac{3x dx}{\sqrt[3]{10-x^2}} = \dots$	
03. $\int x^3 \sqrt{5x^4 + 20} dx = \dots$	
04. $\int \frac{dx}{(x-1)^2} = \dots$	
05. $\int \frac{x}{\sqrt{x+4}} dx = \dots$	
06. $\int \frac{1}{x} \sin \sqrt{x} dx = \dots$	
07. $\int \cos^5 x dx = \dots$	



08. $\int \cos x \sqrt{1 - \sin x} dx = \dots$	
09. $\int \frac{(x+3)(x+1)}{\sqrt{x}} dx = \dots$	
10. $\int \tan x \sec x dx = \dots$	
11. $\int \frac{\cos^3 x}{1 - \sin x} dx = \dots$	
12. $\int 2x \cdot \cos x^2 \cdot \sin^3 x^2 dx = \dots$	
13. $\int \frac{\cos(\frac{3}{x})}{x^2} dx = \dots$	



14. $\int \frac{\sin 2x}{(1 - \cos 2x)^3} dx = \dots$

15. $\int \sin(\sin x) \cdot \cos x dx = \dots$