

	Substitute	Per-partes	
1	$\int 2 \sin 6x \, dx$	$\int x \ln 2x \, dx$	
2	$\int -e^{-x} \, dx$	$\int x \cos \frac{x}{3} \, dx$	
3	$\int 2 \cos \frac{x}{2} \, dx$	$\int 4x \ln 6x \, dx$	
4	$\int 4 \sqrt{8x+1} \, dx$	$\int x \sin 3x \, dx$	
5	$\int \frac{1}{2} e^{4x} \, dx$	$\int x \cos \frac{x}{3} \, dx$	
6	$\int 6 e^{x+4} \, dx$	$\int x \sin 2x \, dx$	
7	$\int \frac{1}{5} \sin(-x+1) \, dx$	$\int 4x e^{-x} \, dx$	
8	$\int -\sin(2x+4) \, dx$	$\int \ln 3x \, dx$	
9	$\int \frac{1}{3} \cos\left(5x - \frac{1}{2}\right) \, dx$	$\int 3x e^{3x} \, dx$	
10	$\int 3 \sqrt{2x-2} \, dx$	$\int \frac{\ln x}{6x^2} \, dx$	
11	$\int -\sin(1-x) \, dx$	$\int x^8 \ln 2x \, dx$	
12	$\int 3 \cos\left(\frac{1}{2} - x\right) \, dx$	$\int \frac{x e^{3x}}{3} \, dx$	
13	$\int \frac{1}{4} \sin 4x \, dx$	$\int x^2 \ln \frac{x}{2} \, dx$	
14	$\int \frac{1}{2} e^{7x-1} \, dx$	$\int -x \sin(5-x) \, dx$	
15	$\int 3 \cos(-4-2x) \, dx$	$\int \frac{x e^{-x}}{4} \, dx$	