

MATH 162 EXAM 1, Spring 2007

Problems 1-8: Integrate.		Name:	Score	
1.	a) $\int x e^{4x} dx$ Ans: _____.	b) $\int \sec 2x dx$. Ans: _____.	1	
			2	
			3	
			4	
			5	
			6	
2.	$\int \sin^3 x \cos^2 x dx$		7	
			8	
			9	
			10	
			Tot	
Ans: _____.		Ans: _____.		
3.	a) $\int \frac{x}{4+x^2} dx$ Ans: _____.	b) $\int \frac{1}{4+x^2} dx$ Ans: _____.		
4.	$\int \cos^{-1} 5x dx$			
			Ans: _____.	
5.	$\int \frac{1}{\sqrt{x^2-4}} dx$			
			Ans: _____.	
Extra Space				

