

MATH 161 QUIZ 6, Fall 2003

	Name: _____
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1.	Use the Fundamental Theorem of Calculus to compute:	
	a) $\frac{d}{dx} \int_2^x \sin(t^2) dt$	b) $\int_0^1 t^{4/5} dt$
		Ans: _____.

2.	Evaluate the integrals:	
	a) $\int (3 + \sqrt{x})^2 dx$	b) $\int_0^{\pi/4} \frac{1 + \cos^2 x}{\cos^2 x} dx$
		Ans: _____.

Extra Space