Math 53 Quiz 7

21 March 2008

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Name:			
Time (circle one):	12:10 - 1:00	3:10 - 4:00	
,		e the following indefinite integral:	
	$t \sim (1) x^2$		

$$\int_0^\infty \left(\frac{1}{2}\right)^{x^2} dx$$

You should use the ideas and methods from your homework (not just the result).

Please use extra paper as necessary. For each part, partial credit will be assigned based on correct work (you do need to show some work, enough so that I know how you solved the problem). Please simplify and box your answers.