

Math 142      Quiz 5  
No Work-No Credit

Sp08

Name  
Last 4 Digits

Use Simpson's Rule to approximate:  $\int_0^{1.55} \sec x \, dx$ . Let  $n = 10$ .

Do not round your values.

i	$x_i$	$f(x_i)$	M	$Mf(x_i)$

So Simpson's Rule gives:  $\int_0^{1.55} \sec x \, dx \approx$

b) Compare with fnInt:  $\int_0^{1.55} \sec x \, dx \approx$

What can account for the difference?