

Quiz 2

Form A

Name _____

Math 2B, 12 PM

Please justify all your answers

October 10, 2019

Please also write your full name on the back

1. Estimate $\int_0^\pi x \cos x \, dx$ using a left-handed Riemann sum with four rectangles of equal width.

2. Compute $F'(x)$

$$F(x) = \int_1^{\sin x} \frac{1}{1+t^2} \, dt.$$

Quiz 2

Form B

Name _____

Math 2B, 12 PM

Please justify all your answers

October 10, 2019

Please also write your full name on the back

1. Estimate $\int_0^\pi x \sin x \, dx$ using a right-handed Riemann sum with four rectangles of equal width.

2. Compute $\frac{dR}{dy}$

$$R(y) = \int_1^{e^y} \ln t \, dt.$$