

QUIZ NUMBER TEN FOR MTH102 SPRING 007

AYMAN BADAWI

Name _____, Id. Num. _____, Score $\overline{15}$

QUESTION 1. Find $\int_{-1}^2 \frac{x-3}{x^2-6x-2} dx$

QUESTION 2. Find $\int_1^2 x(x^2 - 2)^2 dx$

QUESTION 3. Given the price-demand equation for a product A, $x = f(p) = 10p - 2$ (USE THE BACK).

Find the Elasticity when $p = 5$? What do you conclude?

Find the Revenue function in terms of p , i.e. find $R(p)$.

For what values of p does the Revenue increase?

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