

QUIZ NUMBER SEVEN FOR MTH102 SPRING007

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

QUESTION 1. *Given the price demand $p = 2400 - 0.1x^2 + 1/x$ (Price demand is the selling price per unit). What should be the price per unit in order to get maximum REVENUE?*

QUESTION 2. *Given $f'(-2) = f'(3) = f'(-5) = 0$ and $f^2(-2) = 9, f^2(3) = -7, f^2(-5) = 34$. For what values of x do we have local min.? For what values of x do we have local max.?*

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