KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 131 - QUIZ 2

Name:

Student ID #:

Question1. Let $p = q/1500 + 4$ be the supply equation for a manufacturer's product, and suppose the demand equation is $p = -q/2000 + 11$, where p is the price in dollars per unit and q is the number of units per unit of time. Find the equilibrium price and equilibrium quantity.

Question2. Solve the system
$$\begin{cases} y - \sqrt{x-1} = & 0 \\ 2x + y = & 5 \end{cases}$$

Your Solution.