Experiment 8   Section   1

Problem 8.1
Part a.
Number of restaurants opened:
Session 1, Round 1   9
Session 1, Round 2   8

Part b), c), and d).
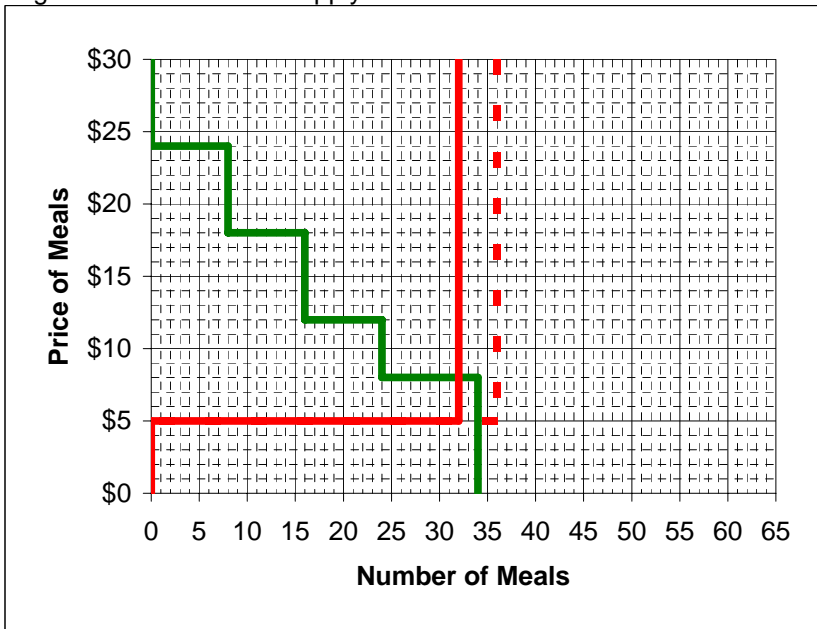Figure 8.4: Short-Run Supply and Demand-Session 1

Table 8.7: Competitive Equilibrium Predictions, Session 1

	Mean Price	Number of Meals	Restaurants' Total Profit
Short-Run Competitive Equilibrium in First Round	$5	34	-$180.00
Short-Run Competitive Equilibrium in the Last Round	$8	32	-$64.00
Long-Run Competitive Equilibrium	10,12	24	0-48

Table 8.8: Experimental Outcomes, Session 1

	Mean Price	Number of Meals	Restaurants' Total Profits
Session 1, First Round	$10.11	27	-$42.00
Session 2, Last Round	$9.17	29	-$39.16

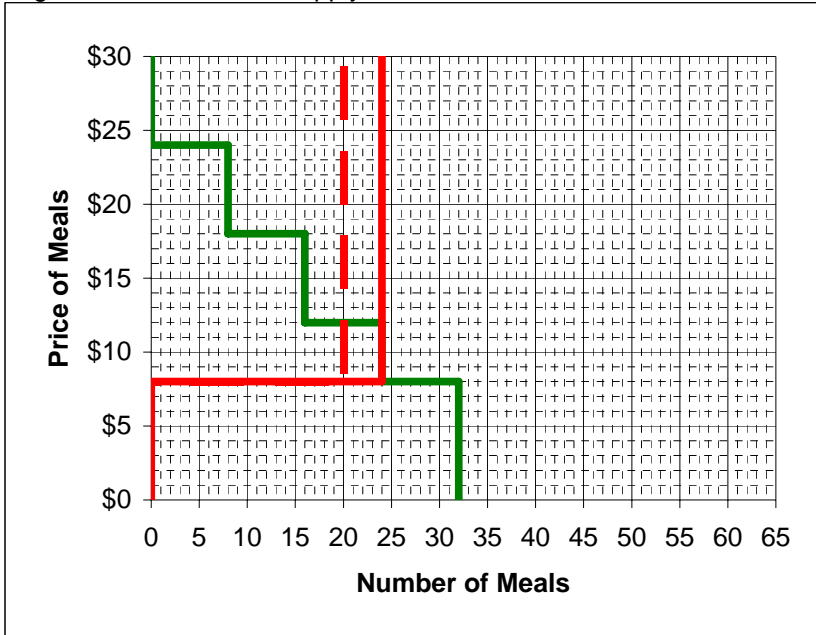Problem 8.4
Part a)
Number of Restaurants:
Session 2, Round 1   5
Session 2, Round 2   6

Part b)
With a $3 sales tax, restaurants have a variable cost of $8 per meal.
Each restaurant that is open will want to supply 0 meals if
the price is below $8, and 4 meals if the price is greater than $8.

Part c), d), and e).
Figure 8.5: Short-Run Supply and Demand-Session 2

Problem 8.5
Table 8.9 Competitive Equilibrium Predictions, Session 2

	Mean Price	Number of Meals	Restaurants' Total Profits
Short-Run Competitive Equilibrium in First Round	$12	20	-$20.00
Short-Run Competitive Equilibrium in Last Round	8,12	24	"-120,-24"
Long-Run Competitive Equilibrium	13,18	16	"0-80"

Problem 8.5, Part b)   Depends on which price in range

Problem 8.6, Part a)
Table 8.10: Experimental Outcomes, Session 2

	Mean Price	Number of Meals	Restaurants' Total Profits
Session 2, Round 1	$11.55	20	-$29.00
Session 2, Round 2	$12.22	23	-$23.00

Problem 8.6, Part b)   no