

Homework for Experiment 2. Section: 4

Problem 2.1

Table 2.6: Demand Table for Sessions 1 and 2

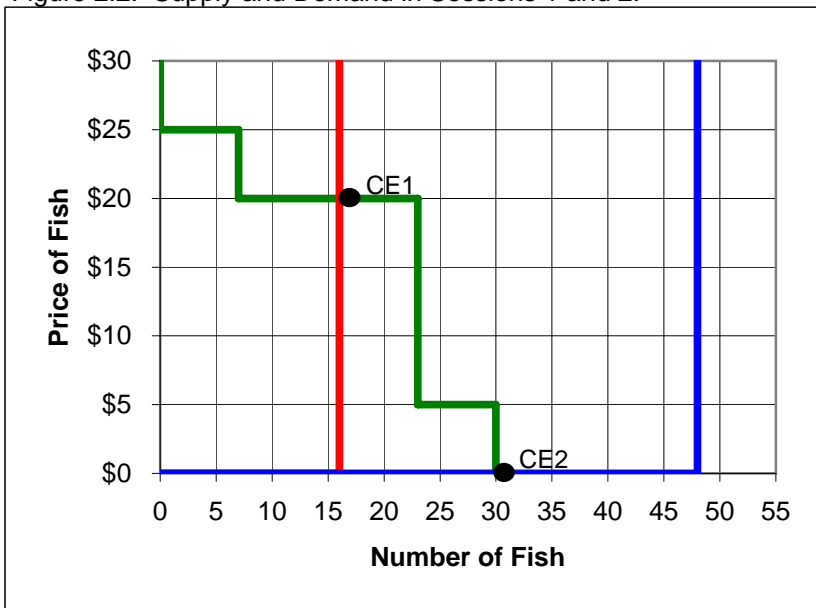
Price Range	Amount Demanded
$P > \$25$	0
$\$20 < P < \$25$	7
$\$5 < P < \$20$	23
$P < \$5$	30

Problem 2.2

- Part a) How many fish will be supplied at a price of \$15? 16
- Part b) How many fish will be supplied at a price of \$5? 16
- Part c) How many fish will be supplied at a price of \$1? 16
- Part d) What can you conclude about the supply curve for fish at positive prices?  
 At all positive prices, 16 fish will be supplied.

Problem 2.3

Figure 2.2: Supply and Demand in Sessions 1 and 2.



Problem 2.4

Table 2.7: Predictions and Outcomes in Session 1

	Experimental Outcome	Competitive Prediction
Mean Price	\$15.91	\$20.00
Number of Fish Sold	16	16
Total Fishermens' Profit	\$94.50	\$160.00
Total Demanders' Profit	\$65.50	\$35.00
Total Profits All Participants	\$160.00	\$195.00

Problem 2.5

Table 2.8: Predictions and Outcomes in Session 2

	Experimental Outcome	Competitive Prediction
Mean Price	\$2.02	\$0.00
Number of Fish Sold	29	30
Total Fishermens' Profit	-\$101.40	-\$160.00
Total Demanders' Profit	\$451.40	\$530.00
Total Profits All Participants	\$350.00	\$370.00

Problem 2.6

a) The number of fish caught increased from	16 to	48 .
b) The mean price of fish (rose?fell?) from	<u>\$15.91</u> to	<u>\$2.02</u> .
c) Total profits of fishermen (rose?fell?) from	<u>\$94.50</u> to	<u>-\$101.40</u> .
d) Total consumer surplus (rose?fell?) from	<u>\$65.50</u> to	<u>\$451.40</u> .

Problem 2.7

a) The mean price of fish (rises?falls?) from	<u>\$20.00</u> to	<u>\$0.00</u> .
b) Total profits of fishermen (rises?falls?) from	<u>\$160.00</u> to	<u>-\$160.00</u> .
c) Total consumers' surplus (rises?falls?) from	<u>\$35.00</u> to	<u>\$530.00</u> .

Problem 2.8

- a) if he expects the price of fish to be \$3?    no  
b) if he expects the price of fish to be \$7?    yes