

Experiment 5 Section 9

Problem 5.1

(Average wage is \$9.75)

Table 5.11: Experimentally Observed Unemployment

	Involuntarily Unemployed	Voluntarily Unemployed
Session 1	1	12
Session 2	17	0
Session 3	0	0

Problem 5.2

Table 5.12: Experimentally Observed Incomes

	Session 1	Session 2	Session 3
Total Wage Earnings	\$126.75	\$139.15	\$418.66
Total Income of Unemployed	\$149.00	\$148.00	\$0.00
Total Income of All Workers	\$275.75	\$287.15	\$418.66
Total Profits of Firms	\$93.25	\$40.85	\$236.34
Sum of Total Income of Workers and Profits of Firms	\$369.00	\$328.00	\$655.00

Problem 5.3

- Part a) rose by \$5.71
- Part b) rose by \$11.40
- Part c) fell by \$52.40
- Part d) yes
- Part e) yes
- Part f) no
- Part g) yes

Problem 5.4

Table 5.13 Labor Supply Table

Wage Range	Labor Supplied
Wage < \$5	0
\$5 < Wage < \$12	13
Wage > \$12	26

Problem 5.5

- Part a) 0 laborers
- Part b) 1 laborer
- Part c) 2 laborers

Problem 5.6

Table 5.14: Market Labor Demand Table--Session 1

Wage Range	Amount Demanded
Wage > \$20	0
\$10 < Wage < \$20	9
Wage < \$10	18

Problem 5.7

- Part a) 0 laborers
- Part b) 1 laborer
- Part c) 2 laborers
- Part d) 4 laborers

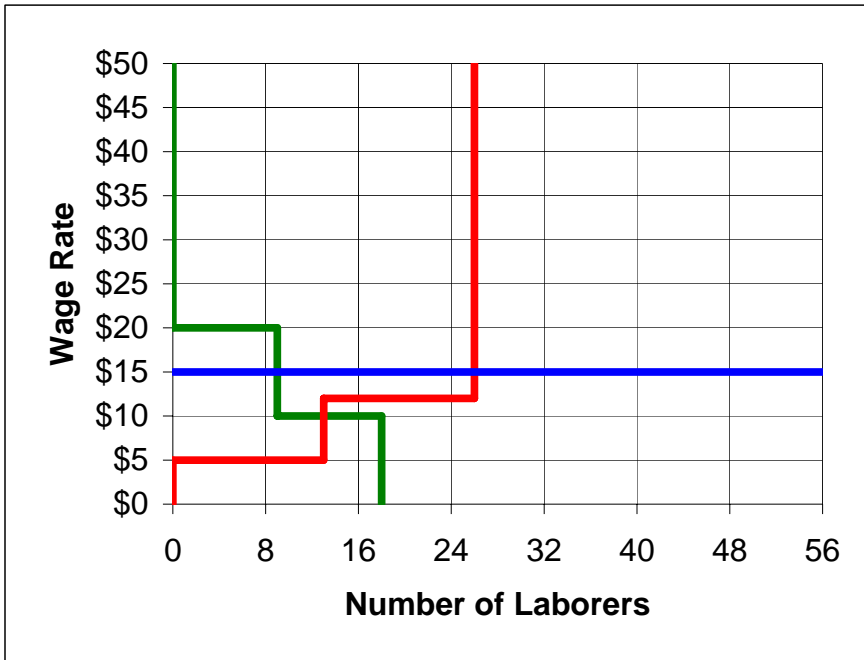
Problem 5.8

Table 5.15: Market Labor Demand Table-Session 3

Wage Rate	Amount Demanded
Wage > \$30	0
\$25 < Wage < \$30	9
\$20 < Wage < \$25	18
Wage < \$20	36

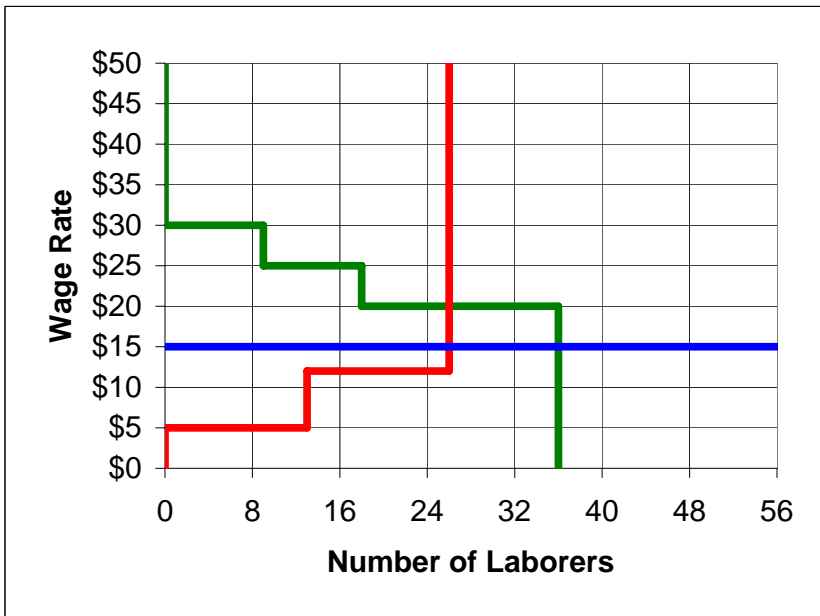
Problem 5.9

Figure 5.7: Supply and Demand-Sessions 1 and 2



Problem 5.10

Figure 5.8: Supply and Demand-Session 3



Problem 5.11

Table 5.16: Predicted Wages and Profits

	Session 1	Session 2	Session 3
Average Wage Rate	\$10	\$15	\$20
Total Employment	13	9	26
Total Profit of Firms	\$90	\$45	\$135
Total Wages of Employed Workers	\$130	\$135	\$520

Problem 5.12

Table 5.17: Predicted Unemployment

	Involuntarily Unemployed	Voluntarily Unemployed
Session 1	0	13
Session 2	17	0
Session 3	0	0