

Shank\_Senior\_Consumer Math 202\_Period 2\_Off-site Learning Packet Day 7

**Lesson 8 Telephone, Gas, and Electric Bills**

**Flat rate**  
A base amount charged for monthly telephone service.

Telephone customers receive a bill every month. It shows basic telephone service, or the **flat rate**, plus additional charges for **optional** services and long distance calls.

**EXAMPLE** The Browns' telephone bill usually has these two charges.

Flat rate . . . \$17.19    Call waiting . . . \$3.15

**Optional**  
Involving a choice.

**Exercise A** Find the charge for the Brown's local telephone service.

**Exercise B** Find the monthly bill when these long distance charges and taxes are added to the Browns' usual charges

	Long Distance	Taxes	Monthly Bill
1)	\$11.21	\$1.44	_____
2)	\$22.31	\$2.48	_____
3)	\$12.57	\$1.31	_____
4)	\$8.57	\$1.09	_____
5)	0.00	\$0.69	_____
6)	\$14.98	\$1.68	_____
7)	\$5.78	\$0.61	_____
8)	\$4.94	\$0.98	_____
9)	\$5.66	\$0.64	_____
10)	\$11.99	\$1.59	_____

**Exercise C** Following are summaries of a family's gas, electric, and telephone bills for one year. Find the total expenses for these utilities for each month.

Month	Gas	Electricity	Telephone
1) January	\$60.32	\$31.44	\$18.90
2) February	\$135.73	\$30.95	\$18.65
3) March	\$113.39	\$33.23	\$23.89
4) April	\$71.72	\$31.69	\$30.18
5) May	\$48.12	\$31.05	\$26.85
6) June	\$24.67	\$38.57	\$19.05
7) July	\$17.05	\$55.74	\$24.69
8) August	\$14.68	\$102.83	\$27.36
9) September	\$14.61	\$84.93	\$27.09
10) October	\$18.31	\$35.45	\$29.00
11) November	\$65.03	\$21.61	\$40.99
12) December	\$93.27	\$21.97	\$28.36