

WORKSHOP 17

Elapsed Time

EXAMPLE 1

Find the elapsed time for someone who worked from:

a. 2:15 PM to 10:30 PM

b. 6:45 AM to 12:56 PM

$$\begin{array}{r}
 2:15 \\
 +15 \\
 \hline
 2:30 \\
 +8 \\
 \hline
 10:30 \\
 \hline
 \boxed{8 \text{ hr } 15 \text{ min}}
 \end{array}$$

$$\begin{array}{r}
 6:45 \text{ am} \\
 +11 \text{ min} \\
 \hline
 6:56 \text{ am} \\
 +6 \text{ hr} \\
 \hline
 12:56 \\
 \hline
 6 \text{ hr } 11 \text{ min}
 \end{array}$$

Complete the problems. Check your answers in the back of the book.
Find the elapsed time for a person who worked from:

1. 9:15 AM to 11:15 AM

$$\begin{array}{r} 11:15 \\ - 9:15 \\ \hline 2:00 \end{array}$$

2 hr

5. 8:45 AM to 12:30 PM

$$\begin{array}{r} 8:45 \text{ am} \\ + 45 \text{ min} \\ \hline 9:30 \text{ am} \\ + 3 \text{ hr} \\ \hline 12:30 \text{ pm} \end{array}$$

3 hr 45 min

WORKSHOP 18

**Business Data Analysis:
Reading Tables and Charts**

EXAMPLE 1

Any fraction of a pound over the weight shown takes the next higher rate. What is the cost to ship a 10-lb package to Rate Group 4? (Use Figure W18.1.)

Table 1b: Postal Rates

Weight Not Over (lb)	Rate Groups							
	1	2	3	4	5	6	7	8
0.5	\$28.50	\$ 28.75	\$ 37.00	\$ 75.00	\$ 38.00	\$ 38.00	\$ 37.00	\$ 52.00
1.0	41.00	42.50	49.00	93.00	58.00	55.00	47.00	65.00
2.0	44.50	47.50	56.00	107.75	65.75	63.45	54.20	80.90
3.0	48.00	52.50	63.00	122.50	73.50	71.90	61.60	96.80
4.0	51.50	57.50	70.00	137.25	81.25	80.35	68.60	112.70
5.0	55.00	62.50	77.00	152.00	89.00	88.80	75.80	128.60
6.0	58.50	67.50	84.00	166.75	96.75	97.25	83.00	144.50
7.0	62.00	72.50	91.00	181.50	104.50	105.70	90.20	160.40
8.0	65.50	77.50	98.00	196.25	112.25	114.15	97.40	176.30
9.0	69.00	82.50	104.00	211.00	120.00	122.60	104.60	192.20
10.0	72.50	87.50	112.00	225.75	127.75	131.05	111.80	208.10
11.0	75.35	90.65	116.30	237.00	132.65	137.45	116.05	218.10
12.0	78.20	93.80	120.60	248.25	137.55	143.85	120.30	228.10
13.0	81.05	96.95	124.90	259.50	142.45	150.25	124.55	238.10
14.0	83.90	100.10	129.20	270.75	147.35	156.65	128.80	248.10
15.0	86.75	103.25	133.50	282.00	152.25	163.05	133.05	258.10

Source: USPS International Postal Rates and Fees Publication 51

1. 1 lb, Rate Group 1

\$41.00

4. 13.2 lb, Rate Group 3

\$129.20