

GMF 10

Intro. & Lesson 2.1(2)

Chapter

2

Workbook pg. 80

Earning an Income

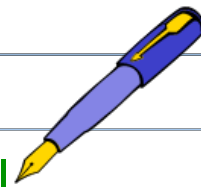


Aug 12-11:22 PM

Paid by the hour...

noon

Calculating Time worked as a decimal..



4 8:00⁵ - 5:00 = 9 hrs

8:15 - 5:00 = 8 hrs 45min $8\frac{3}{4} = 8.75$ hrs

8:30 - 5:00 = 8 hrs 30min $8\frac{1}{2} = 8.5$ hrs

8:45 - 5:00 = 8 hrs 15min $8\frac{1}{4} = 8.25$ hrs

Total: 34.5 hrs

$\times 11.50/hr = \$396.75/wk$

$-\$20631/year$

Feb 13-4:41 PM

Example 5

Antonio is a cashier in a store that sells Caribbean products, such as ginger syrup, *ackee* (a type of fruit), and *dasheen* (also known as taro, a root vegetable). His time card for one week is shown below.

Time Card: Antonio					
Day	Morning		Afternoon		Total Hours
	IN	OUT	IN	OUT	
Monday	9:00	11:45	12:45	3:00	5 hrs
Tuesday	8:45	10:45	2:00	5:30	5.5 hrs
Wednesday	9:00	12:00	1:00	4:00	6 hrs
Thursday	9:30	12:00	1:15	3:45	5 hrs
Friday	9:00	11:30	12:15	3:15	5.5 hrs

- a) How many hours did he work?
- b) If he earns \$15.85 per hour, how much did he earn that week?

27 total hrs

$$\begin{aligned}
 & \$15.85/\text{hr} \times 27 \\
 & = \$427.95
 \end{aligned}$$

Feb 3-7:30 PM

BUILD YOUR SKILLS

- 9. Monty works after school at a gas station in Swift Current, SK. He earns \$9.45/h. How much would he earn if the time card below represents his work week?

Time Card: Monty			
Day	IN	OUT	Total Hours
Monday	3:30	6:45	
Tuesday			
Wednesday	5:00	9:30	
Thursday	5:00	9:30	
Friday	3:30	7:00	

Feb 3-7:30 PM

$$\text{Time } 1/2 = 15.77 \times 1.5 = 23.66/\text{hr.}$$

BUILD YOUR SKILLS

11. Pete works in road construction as a grader operator. His regular work week is 40 hours. During the busy season, he often has to work overtime. For overtime hours worked Monday to Friday, he earns time and a half. If he has to work on Saturday, he earns double time and a half. How much will Pete make if he works 45.25 hours during the week and 5.75 hours on Saturday? His regular salary is \$15.77/h.

$$\begin{array}{r} 40 \text{ hrs} \\ \times 15.77/\text{hr} \\ \hline \end{array}$$

$$\$630.80$$

$$\begin{array}{r} 5.25 \text{ hrs} \\ \times 23.66 \\ \hline \end{array}$$

$$\$124.22$$

$$\text{Total: } \$755.02$$

$$\begin{array}{r} 5.75 \\ \times 39.43/\text{hr} \\ \hline \end{array}$$

$$\$226.72$$

Feb 3-8:10 PM

Homework

Pg. 82 Q. 10

Pg. 84 Q. 12 & 13

Aug 13-12:14 AM