

GMF LESSON 17

LEARNING TARGET

I AM GOING TO LEARN ABOUT OTHER WAYS TO EARN MONEY BY COMPLETING AN EARNING MONEY ASSIGNMENT

GMF Lersson 17 - Earning Money Asignment

Exit/Entrance Slip

(N2 Salary and Wages)

Name: _____

Date: _____

Sammy is a sales clerk in a bicycle shop. He's paid \$11.25/hour for a 37.5 hour week, plus a commission of 6% of his sales for the week. In one week Sammy's sales were \$2319.75.

- Calculate Sammy's gross pay for the week.
- What was his average hourly wage for that week?
- What would Sammy's sales for the week have to be for him to earn \$700 in one week?

$$\begin{aligned}
 a) \quad & \$11.25/\text{hour} \times 37.5 \text{ hours} = \$421.88 \text{ wages} \\
 & + \$2319.75 \times .06 = \$139.19 \text{ comm} \\
 & \text{Sammy's gross weekly pay is } \$561.07
 \end{aligned}$$

$$\begin{aligned}
 b) \quad & \frac{\$561.07 \text{ weekly pay}}{37.5 \text{ hours}} = \$14.96/\text{hour} \\
 & \text{His average hourly pay is } \$14.96
 \end{aligned}$$

$$\begin{aligned}
 c) \quad & \$700 - \text{Wants to earn} \\
 & - \$421.88 - \text{earnings from wages} \\
 & \hline
 & \$278.12 - \text{Needs to earn in commission}
 \end{aligned}$$

If 2319.75 sales earns him 139.19
 Then X? must be his sales to earn
 \$278.12

$$139.19 : 2319.75$$

$$278.12 : X$$

$$\frac{139.19}{2319.75} = \frac{278.12}{X}$$

$$X = \frac{2319.75 \times 278.12}{139.19}$$

Sammy must have sales of \$4635.17
 to earn \$700

2.2: Alternate Ways to Earn Money

Goal: to understand that there are alternate ways to earn a living, not just an hourly or salary wage.

Here are a few definitions:

Self Employed: a person who works for him- or herself rather than for an employer.

Piecework: when someone is paid a set rate for an amount produced.

Royalty: a payment for a piece of work that is marketed and sold. The amount is based on the percentage of sales.

Commission: an amount, usually a percentage, paid to someone for a business transaction.

Contract: a legal agreement that outlines terms, conditions and payments for work to be done.

GMF ASSIGNMENT 17

Math 10 GMF

Earning Money Assignment (2.1, 2.2)

Name: _____

Due Date: _____

Show all work, calculations, and units. Include a final statement.

- Janice works a summer job on a city maintenance crew. She's paid an hourly wage of \$9.75 and was hired to work 8 hours a day, 5 days a week. Find her monthly gross pay. (value: 3)
- Ian does odd jobs around his neighborhood to earn spending money. He charges \$8/h for his time. In one week his work calendar showed the following information. Calculate Ian's gross earnings. (value: 4)

Job	Time (hours)		
	Start	Finish	Total
Baby-sit	5:00	11:30	
Cut Lawns	2:00	2:45	
Weed Gardens	9:15	12:45	
Rake Leaves	3:00	6:00	

- Anna works a regular shift of 40 hours a week, and is paid \$9.55 per hour. She earns time and a half for overtime over the regular hours. Determine Anna's gross pay if she is asked to work 47.5 hours. (value: 4)
- Tony works part-time at a service station pumping gas. He's paid \$10.15/hr from Monday through Saturday, and time and a half on Sundays. Given Tony's next two-week schedule, calculate his gross pay after this period: (value: 4)

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Week 1	2.5	X	X	3	4.5	8	6
Week 2	X	2.5	3	X	4	8	5

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Math 10 GMF

5. Andy works as a pizza delivery guy. In addition to his regular pay of \$8.30/hr, he receives 2.5% of the sales out for delivery. If in one week, Andy worked 25 hours and delivery sales were \$3246.50, find Andy's total gross weekly pay. (value: 3)

6. Paula is paid \$355.00 per week as a cosmetics sales representative. She also earns a straight commission of 8% of her sales. In one week she sold \$2187.50 worth of cosmetics. Find her total gross weekly pay. (value: 2)

7. Joe is hired by a building supplies dealer to deliver flyers door to door to promote winter sales. Joe is paid an hourly rate of \$8.75 plus he earns \$0.25 for each delivered flyer. Calculate Joe's earnings given the following week's summary: (value: 3)

	Hours Worked	# of flyers delivered
Mon	7	382
Tues	10	619
Thu	8	428
Fri	3	215

8. Sarah works as an assistant to a florist. She can be paid \$2.75 for every arrangement or \$13.25/h. Sarah estimates she could create about five arrangements an hour. Which payment scheme would you recommend and why? (value: 4)

2.2 Practice.pdf