

2.3 Additional Earnings

Name: Kery

Date: _____

Investigate:

In certain jobs, people earn additional money beyond their basic wage or salary. Brainstorm several situations where this may occur:

Server, hairdresser (tips)
Split Bonus - split shifts

Isolation bonus - drillers up north
Germans mill → graveyard shift

Examples:

1. Marika has a good reputation with children and her employer wants her to come back next year. Marika earned \$3600.00 during the summer and her employer offers her a 15% signing bonus if she will sign up for next year. If Marika signs up, how much will she get as a signing bonus?

$$15\% \text{ of } \$3600.00$$

$$0.15 \times 3600 = \$540$$

Marika's signing bonus
is \$540.00

2. Kelly works as a bus driver for a transit company. Since busy times of the day require more drivers than midday, the company requires that some employees work split shifts. The bus company offers a 12% premium for the second shift to anyone that has a 4-hour break between shifts.

If Kelly earns \$17.82, how much will she earn during the week?

Time Card: Kelly					
Day	Shift 1	Shift Hours	Premium? Y/N	Shift 2	Shift Hours
Monday	6:15-11:00	4hr 45min	Y	3:30-6:45	3 15
Tuesday	6:15-10:15	4	Y	3:30-7:15	3 45
Wednesday	12:00-4:00	4	N	6:00-9:00	3
Thursday	3:30-7:30	4	N		
Friday	8:00-11:00	3	N	2:00-4:45	2 45

Regular hours: $4.75 + 4 + 4 + 4 + 3 + 3 + 2.75$
 $\$17.82 = 25.5 \text{ hrs}$

$$25.5 \times 17.82 = \$479.91$$

Premium hours: $3.25 + 3.75$
 $17.82 \times 1.12 = 19.96 = 7 \text{ hrs}$

$$7 \times 19.96 = \$139.72$$

$$\underline{\quad\quad\quad}$$

$$619.63$$

3. Suzette works as a waitress in a local café. Yesterday she made \$165.32 in tips. If this was 15% of the bills she collected, how much were the bills.

$$\frac{15}{100} = \frac{165.32}{x}$$

or

$$100 \div 15 = 6.\bar{6}$$

$$6.\bar{6} \times 165.32 = 1102.13$$

$$x = 1102.13$$

Assignment: 2.3 "Practice Your New Skills" Worksheet