Section 1.2 - Practice Problems

1. If your annual salary is $\$ 125000$ and you get paid bi-weekly, what is your Gross Pay? What is it if you get paid semi-monthly?
Semi-manlly is 24 tines a year Bi - weekly is 26 times a year

SM: ${ }^{*} 5208.33$

$$
\mathrm{BW}: 98807.69
$$

2. If you get a Gross Pay Paycheck twice a month of $\$ 3200$, what is your annual salary?

$$
\begin{aligned}
& 3200 \cdot 2=6400 / \text { month } \\
& \$ 6400 /{ }_{\text {max h }} \frac{12 \text { max k }}{1 y^{r}}=76800 / y^{2}
\end{aligned}
$$

3. Complete the following chart. Timer these by 26 Times These by 24


$$
2.5 \%=0.025
$$

4. Adam sells cars and makes $2.5 \%$ commission. Last week he sold two cars, one was $\$ 63000$ and the other was $\$ 28000$. How much did he make?
$63000+28000=91000$
\$

$$
91000 \cdot 0.025=2275
$$

5. Jaewon sells clothes, he makes $3.5 \%$ on his first $\$ 300$ and makes $4 \%$ on anything more. He also makes $\$ 12.50 / \mathrm{hr}$. How much does he make in an 8 hour shift with sales of $\$ 1200$ ?
Hourly wage:
commission: $300 \cdot 0.035=\$ 10.50$


$$
1200=300+900
$$

6. Come up with your own question involving salary or commission and then solve it. Make it as challenging as possible.

Answers will Vary
7. Harpinder works as a real estate agent, he makes $3 \%$ on the first $\$ 150000$ and $1.5 \%$ on the rest. He had a very successful month and sold three homes, they were $\$ 550000, \$ 890000$, and $\$ 1.2$ million respectively. How much did he make that month?


Workplace Math 11
8. Complete the following table, show your work below.

| Selling Price | Commission Rate | Commission Amount |
| :---: | :---: | :---: |
| $\$ 630000$ | $4.75 \%$ | $\$ 29925$ |
| $\$ 6200$ | $6.25 \%$ | $\$ 387.50$ |
| $\$ 5456.52$ | $2.3 \%$ | $\$ 125.50$ |

i) $\frac{x(0.0475)}{0.0475}=\frac{29925}{0.0475} \Rightarrow x=630000$
ii) $\frac{6200 x}{6200}=\frac{387.50}{6200} \Rightarrow x=0.0625=6.25 \%$
iii) $\frac{x(0.023)}{0.023}=\frac{125.50}{0.023} \Rightarrow x=\$ 5456.52$

