# Calculating Earnings Alternative Ways to Earn 

1) Salary
2) Straight Commission
3) Salary \& Commission

## Salary

- a fixed earning based on a year, regardless of hours ex - \$60, 000/yr.
- could be paid out monthly, bimonthly or biweekly
ex How much is paid:
monthly - 12 pay periods,
\$60, $000 \div 12$
$=\$ 5000 /$ month
bimonthly $-2 \times 12=24$ pay periods
\$60, $000 \div 24$
= \$2500 twice a month
biweekly $-52 \div 2=26$ pay periods
\$60,000 $\div 26$
= \$2307.69 every two weeks

0.155
$15.5 \%$ of $\$ 1850=.155 \times 1850=\$ 286.75$


## Practice questions

0.05 .23

1) $05 \%$ as a decimal, 2) $23 \%$ as a decimal 3) $16 \%$ as a decimal, 4) $36,1 / 2 \%$ as a decimal

2) $4 \%$ of $\left.\$ 1000{ }^{\neq 40.00} 6\right) \cdot 18 \%$ of $\$ 66,400$
3) $21 \%$ of $\$ 845 \$_{7}^{\$} 777.45^{\$ 11952.00}$
4) $\$ 65,000$ paid monthly $\div 12-5,416.67$
5) $\$ 48,500$ paid bi-monthly $\div 24-2,020.83$
6) $\$ 57,000$ paid bi-weekly $\div 26=\$ 2 / 92.31$

Ex 1) Kelsey receives 8\% commission on the sale value of every car she sells. Last week she sold 5 cars for a total of $\$ 164,350$ in sales.

How much money did she earn?


Ex 2 Tara receives 25\% commission on each life insurance policy she sells. Last week she sold 5 policies: $\$ 450, \$ 325, \$ 400, \$ 300$, and $\$ 500$. What was her gross pay for the week?



Ex 3 Joel receives $53 / 4 \overline{\%} \%$ commissions on the value of all houses he sells. On Friday, Colin sold a house valued at $\$ 275000$. How much money in commission did he earn?


$$
\begin{array}{r}
275000 \times .0575= \\
\$ 15812.50
\end{array}
$$

## Salary Plus Commission

Gross Pay = Base Salary + Commission

Ex 1) Jenna works for an insurance company that pays her a base salary of \$350/week and $81 / 2 \%$ commission on her sales. If she sells $\$ 2150$ worth of insurance in a week, what is her pay?


$$
2150 \times .085=182.75
$$

Ex. 2 Brendan works at Sears and makes $\$ 450.00$ a week plus $6 \%$ commission. If he sells $\$ 1975.00$ worth of furniture, how much does he earn?

$.06 \times 1975=\$ 1 / 850$
118.50
$+450.00$

$$
\$ \$ 568.50
$$



$$
\begin{gathered}
\text { Commission } 4 / 118.56 \times 1975.00 \\
G . P= \\
450.00+118.50= \\
=8568.50
\end{gathered}
$$

$11,000-2,000=9,000$ $0.07 \times 9000$ GP $=630.00$ / $425.00+630.00=$
1055.00

Ex. 3 Ed gets paid weekly salary of $\$ 425.00$ and a commission rate of $7 \%$ for any goods sold over $\$ 2000.00$. If he sold $\$ 11,000$ worth of goods, what did he earn last week?


## Calculating Gross Earnings

Calculate the gross earnings for Michael, who worked the schedule below. Rate of pay is $\$ 10.45$ Overtime is paid at time and a half.
a) Calculate gross pay based on weekly overtime.
b) Calculate gross pay based on daily 8 hr .

M-12 T-12 W-6 Th-6 F-4

