1. Sylvia earns an annual salary of $32500.00. Calculate the following:

a) weekly income b) monthly income c) biweekly income d) semi-monthly

$\frac{\$32500}{52}$ $\frac{\$32500}{12}$ $\frac{\$32500}{26}$ $\frac{\$32500}{24}$

$= \$625$ $= \$2708.33$ $= \$1250$ $= \$1354.17$

2. Thelma earns $36.85/hour for regular hours of work. Calculate her overtime rate for the following:

a. Time and one half

$36.85 x 1.5

= $55.28

b) Double time

$36.85 x 2

= $73.70

3. Tom works on an assembly line at a car manufacturing plant. He receives a wage of $27.64 for hours worked Monday to Friday. On the weekends he earns time and a half. $27.64 x 1.5 = $41.46
How much does he earn if he worked Wednesday to Sunday, for 6 hours a day?

Wednesday...6
Thursday.....6
Friday.....6

Regular time
18 x $27.64 = $497.52

Saturday..... 6
Sunday..... 6

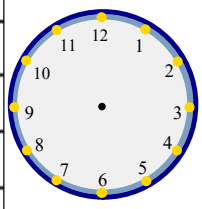
Overtime
12 x $41.46 = $497.52

Regular time + Overtime
$497.52 + $497.52
= $995.04

4. Frank works as a carpenter. His hours worked for one week are listed in the cart below. If he works more than 35 hours in a week, he is paid time and a half for every additional hour. His regular pay is $ 18.40. Calculate his gross pay for the week.

OT wage = $18.40 x 1.5 = $27.60

Day	Start Time	End Time	Hours	Minutes	Decimal
Monday	6:00	3:00	9		9
Tuesday	7:45	5:00	9	15	9.25
Wednesday	7:00	4:45	9	45	9.75
Thursday	7:00	5:15	10	15	10.25
Friday	6:30	3:00	8	30	8.5
Saturday	6:15	3:30	9	15	9.25
Sunday				Total :	56 hours



56
-35 regular time ($18.40)
21 overtime ($18.40 x 1.5 = $27.60)

Regular time
35 x $18.40
= $644

Overtime
21 x $27.60
= $579.60

$644.00 + $570.60

= $1223.60

5. Perley is a used car salesman. He is paid a commission of 6% of his total sales as well as a monthly salary of $2500. Calculate his monthly gross income for the month of March given the following sales:

2 cars worth $8000 each	2 x $8000 = $16000
1 car worth $7500	1 x $7500 = $ 7500
2 cars worth $5325 each	2 x $5325 = $10650
	$34150

Salary	Commission
= $2500	$34150 x 0.06
	= $2049
= $4549	

6. Edna earns a commission on all sales she makes for A+ Computers. If she makes sales totaling $3540 for one week and takes home $1451.40, what is her rate of commission?

$$\frac{\$1451.40}{3540}$$

$$= 0.41$$

$$\simeq 41\%$$

7. Cheryl assembles motherboards for a computer manufacturer. She is paid $6.50/board she completes. If Cheryl completes 18 boards a day for 4 days, how much does she earn?

18 boards x 4 days = 72 boards

72 boards x $6.50

= $468

8. Elmer works as a print shop manager. He earns a yearly salary of $52 173.00. After his first year he received a 2.5% bonus for providing excellent customer service. What were his total earnings for the year?

$52 173 x 0.025
= $1304.33 (bonus)

Earnings		Bonus
$52 173.00	+	$1304.33

= $53477.33

9. Olga worked 37 hours one week and was paid $722.98, how much does she earn an hour?

$$\frac{\$722.98}{37}$$

= $19.54/hour

10. Kirk is offered isolation pay for a 4-week job in northern Saskatchewan. His regular salary is $976.00/week. He can choose one of the following payment methods for his isolation pay:
    - One lump sum of $1200 after he has completed the job
    - Payments of 30% of his weekly salary added to each of his 4 paycheques while he is on the job.

    Which payment option will Kirk earn more money?

Isolation pay...

$1200

or

$976.00 x 0.30

=$292.80

$292.80 x 4 paycheques

=$1171.20

11. Sophie sells firewood. She pays her son $16.25/cord to chop and stack the wood for delivery. She then sells the wood for $50.00/cord.
    a) How much does **her son earn** if he chops and stacks 15 cords of wood?
    b) How much does **Sophie earn** when she sells 15 cords of wood?

Sophie's son...

$16.25 x 15

= $243.75

Sophie...

$50.00 x 15

= $750

(What she owes her son)

$750 - $243.75

= $506.25

12. Emily owns a catering company. She charges $45.50/person served plus 16% gratuity for her serving staff.
    a) How much will she charge for customers if there are 75 people being served?
    b) If Emily employs 6 servers and she splits the gratuity evenly between them, what will each person's share of gratuity be?
    c) How much will Emily earn if she pays her 6 servers $9.50/hour for a 5 hour shift and her food costs are $30.00/person?

Cost for 75 people

75 x $45.50

=$3412.50

Gratuity

$3412.50 x 0.16

=$546

$3412.50+$546.00

= $3958.50

b) If Emily employs 6 servers and she splits the gratuity evenly between them, what will each person's share of gratuity be?

Gratuity
$3412.50 x 0.16
$546

$$\frac{\$546}{6}$$

= $91

c) How much will Emily earn if she pays her 6 servers $9.50/hour for a 5 hour shift and her food costs are $30.00/person?

Cost for 75 people
75 x $45.50
$3412.50

Workers:

$9.50 x 5 hours
= $47.50

$47.50 x 6 workers
= $285

Plates (food):

75 x $30.00

= $2250

Charges - workers - food cost

$3412.50 - $285 - $2250

= $877.50