Name: **＊Key＊**

1. A first year Master Chef was hired in Whitehorse, Yukon at an annual salary of $52, 000. What would her gross pay each pay cheque if she was paid:

   a) Weekly **— 52 weeks**

   b) Biweekly **— 26**

   c) Semi-monthly **—24**

   d) Monthly **— 12**

   a) ___**\$1000/wk.**___

   b) ___**\$2000/paycheque**___

   c) ___**\$2166.67/paycheque.**___

   d) ___**\$4333.³³/mnth**___

2. Sylvia's time card is shown below. What are her total regular and overtime hours. Answer in hours and minutes.

| *Sylvia Grant* | | | | |
|---|---|---|---|---|
| | *Regular* | | *Overtime* | |
| | *h* | *m* | *h* | *m* |
| *Sunday* | **1** | | | |
| *Monday* | 8 | | 1 | 30 |
| *Tuesday* | 7 | 25 | | |
| *Wednesday* | 5 | 45 | | |
| *Thursday* | 8 | | 1 | 17 |
| *Friday* | 6 | 20 | | |
| *Saturday* | | | | |

**30hr 30min   2 47min**

Regular Hours: ___**35.5 hrs (35hr 30min)**___

Overtime Hours:__ **2.78 hrs (2hr 47min)**

3. Calculate the total number of hours and minutes Moira worked the week of June 15.

| Name: Moira Week: June 15 | |
|---|---|
| **Day** | **Hours Worked** |
| *Monday* | 5.3 |
| *Tuesday* | 4.0 |
| *Wednesday* | 6.7 |
| *Thursday* | 4.75 |
| *Friday* | 3.0 |

**23.75**

3) ___**23 hours & 45 minutes**___

4. Don typically works 30 hours per week and earns $13.25 per hour. He is scheduled for a 3% pay increase next month. What will be Don's new hourly rate?

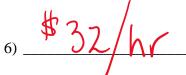$$13.25 \times 1.03 = \$13.65$$

4) $\underline{\$ 13.65/hr}$

5. Jenna works part time at the grocery store. She works 15 hours per week and is paid $559.20 per month. What is she paid per hour. (There are exactly 4 weeks in 1 month)
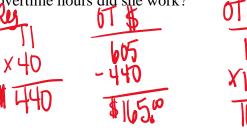
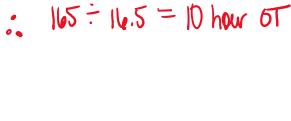$$\frac{559.20}{4} = \$139.80/wk \rightarrow \frac{139.80}{15} = \$9.32/hr$$

5) $\underline{\$ 9.32/hr}$

6. Larry is paid 48 dollars an hour for overtime. If he is paid time and a half for overtime what is his regular wage?

$$\frac{(x)(1.5)}{1.5} = \frac{\$48.00}{1.5}$$

$$x = \$32.00$$

6) $\underline{\$ 32/hr}$

7. Erica earns $11.00 per hour and works a 40-hour workweek. She is paid time and a half for every hour worked over 40 hours during a week. Erica earned $605.00 last week. How many overtime hours did she work?

Reg

T1
× 40
$440

OT $

605
- 440
$165.00

OT wage

11
× 1.5
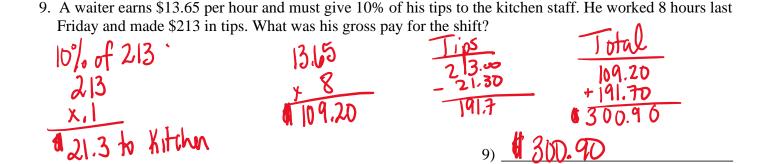16.50

∴ 165 ÷ 16.5 = 10 hour OT

7) $\underline{10\ hours}$

8. A salesperson at a furniture store earns $9.50 per hour and receives a 1% commission on all sales. Determine the gross earnings of the salesperson who worked 40 hours one week with sales of $7000.

Commission

7000.⁰
× 0.01
$70

Wage

9.50
× 40
$380

Total

380
+ 70
$450

8) $\underline{\$ 450.00}$

9. A waiter earns $13.65 per hour and must give 10% of his tips to the kitchen staff. He worked 8 hours last Friday and made $213 in tips. What was his gross pay for the shift?

10% of 213
213
x.1
$21.3 to Kitchn

13.65
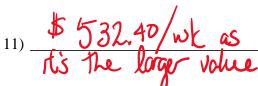x 8
$109.20

Tips
213.00
- 21.30
191.7

Total
109.20
+ 191.70
$300.96

9) $300.90

10. Camille earns 8.5% on all sales. If she sold $19 500 worth of goods for the week. What would her weekly earnings be?
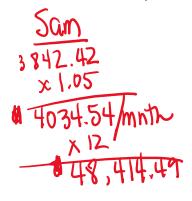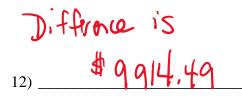
8.5% = 0.085

19,500
x 0.085
$1657.50

10) $1657.50

11. Mike sells computer products and earns $532.40 per week or 9½% commission on his total weekly sales, whichever is greater. Given his sales were $5601.28, calculate Mike's gross pay for the week.

9.5% of 5601.28
5601.28
x 0.095
$532.12

11) $532.40/wk as it's the larger value

12. Bob is hired by Company A and is given an annual salary of $35 000 with a 10% raise after 1 year. Sam is hired by Company B and is paid $3842.42 per month with a 5% raise after 1 year. Determine the difference of salary after 1 year.

Bob
35,000
x 1.10
$38,500 after 1st year.

Sam
3842.42
x 1.05
$4034.54/mnth
x 12
$48,414.49

Diffrence is
$9914.49

12) $9914.49

13. A building contractor bids $10 500 on a basement renovation project. He estimates the
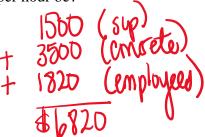    following costs:
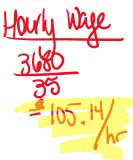    - o supplies: $1500
    - o concrete re-work: $3500
    - o 4 laborers: $13/hr

He estimates it will take 35 hours to complete the job. What would the building contractors
wage per hour be?

$$1500 \ (\text{sup})$$
$$+ \ 3500 \ (\text{concrete})$$
$$+ \ 1820 \ (\text{employees})$$
$$\overline{\$6820}$$

$$13$$
$$\times 35$$
$$\overline{455}$$
$$\times 4$$
$$\overline{1820}$$

$$\underline{\text{Payment}}$$
$$10500$$
$$- \ 6820$$
$$\overline{\$3680}$$

$$\underline{\text{Hourly Wage}}$$
$$\frac{3680}{35}$$
$$= 105.14/\text{hr}$$

13) _____

14. You are being hired for a new job but the employer is given you a choice of two methods
    of payment.

Method 1:  a wage of $24 per hour for the first 140 hours
           $26 per hour for more than 140 hours — 27 hrs

$$24$$
$$\times 140$$
$$\overline{3360}$$

$$26$$
$$\times 27$$
$$\overline{702}$$

$$\underline{\text{Total}}$$
$$\$4662$$

Method 2:  5% commission on monthly sales up to $40 000
           10% commission on sales greater than $40 000

You worked 167 hours last month and had total sales of $63 000. Identify which method
would pay you the most and what your income would be.

$$0.05 \times 40,000 = \$2000$$
$$0.10 \times 23,000 = \$2300$$
$$\overline{\$4300}$$

☆ Method #2 would
pay the most

14) _____