

GMF  
Unit 2  
Answers to Review Sheet



**SAMPLE CHAPTER TEST**

Name: Ansua Key Date: \_\_\_\_\_

**Part A: Multiple Choice**

Choose the correct answer to the following questions:

- Marietta is a tree planter who works on northern New Brunswick reforestation projects. She is paid 17 cents for each tree sapling she plants. One week she planted 2473 saplings. How much did she earn that week?  
 a) \$145.47                      b) \$4204.10                       c) \$420.41                      d) \$14 547.06
- On a pay statement, which will be the highest:  
 a) net pay                      b) tax deductions                      c) taxable income                       d) gross earnings
- Leila is paid a 10% commission on sales she makes. One week she sells \$11 120.00 worth of goods. What is her commission for that week?  
 a) \$1121.00                       b) \$1112.00                      c) \$112.00                      d) \$11 120.00
- Marco earns \$17.26 an hour. He receives a 3% raise. How much will he earn in an 8-hour day?  
 a) \$179.50                      b) \$124.22                       c) \$142.24                      d) \$138.49
- Hamad earns \$10.50 an hour as a waiter. If he works 22 hours in a week and earns \$285.50 in tips, what are his total earnings for the week?  
 a) \$187.00                      b) \$1307.50                       c) \$516.50                      d) \$463.60

**Part B: Short Answer**

- a) \$1121.00      **b) \$1112.00**      c) \$112.00      d) \$11 120.00
4. Marco earns \$17.26 an hour. He receives a 3% raise. How much will he earn in an 8-hour day?  
 a) \$179.50      b) \$124.22      **c) \$142.24**      d) \$138.49
5. Hamad earns \$10.50 an hour as a waiter. If he works 22 hours in a week and earns \$285.50 in tips, what are his total earnings for the week?  
 a) \$187.00      b) \$1307.50      **c) \$516.50**      d) \$463.60

**Part B: Short Answer**

6. Edouardine finds that approximately 40% of her gross pay goes to deductions. How much will her weekly take-home pay be if she earns \$12.10 an hour and works 40 hours a week?

$$40 \times \$12.10 = 484$$

$$484 \times 0.40 = 193.60$$

$$\begin{array}{r} \text{Net Pay } 484 \\ - 193.60 \\ \hline 290.40 \end{array}$$

7. Sachiko earns \$4.10 for each venetian blind that she assembles. If she wants to earn \$600.00 a week, how many venetian blinds will she need to assemble?

$$\frac{600}{4.10} = 146.34$$

147 blinds.

8. A welder earns \$28.10/h and his overtime rate is time and a half. His regular work week is 40 hours. If he earned \$2479.83 in 2 weeks, how many hours of overtime did he work?

$$\begin{array}{r} 40 \times \$28.10 \\ 1124 \text{ (1 week)} \\ \times 2 \\ \hline 2248 \text{ (2 weeks)} \end{array}$$

$$\begin{array}{r} \text{overtime} \\ 28.10 \times 1.5 \\ \hline 42.15 \end{array}$$

$$\begin{array}{r} 2479.83 \\ - 2248 \text{ Reg.} \\ \hline 231.83 \end{array}$$

$$\frac{231.83}{42.15}$$

6.5 hours of overtime

*Answer Key*

Answer the following questions with a partner. 😊

- Jonas's time card is shown below. If he earns \$8.75/hour, how much did he earn this week?

Time card: Jonas					
Day	In		Out	Hours	Min
Monday	8:45	15	6:00	9	15
Tuesday	9:00		3:15	6	15
Wednesday	9:15	45	4:00	6	45
Thursday	8:15	45	4:30	9	15
Friday	9:00		5:45	8	45

Decimal  
 9.25  
 6.25  
 6.75  
 8.25  
 8.75  
 39.25

Gross Pay:  $39.25 \times \$8.75 = \$343.44$

- Find the mistakes on the pay statement below. If enough information is provided, correct the mistakes.

Employee Name: Gisèle Lacroix	
Company: ABC Electric	Pay Begin Date: 10/22/2010
	Pay End Date: 10/16/2010

} Dates are wrong.

General	
Employee ID: 56789	Job Title: Electrician
Address:	Pay Rate: \$23.76
	Annual: -

Hours and Earnings			
Description	Rate	Hours	Gross Earnings
Regular	\$23.76	44	\$1003.64

\$1045.44

3. Marie picked 6 litres of strawberries and was paid \$36.36.

a) How much is she paid for each litre of berries she picks?  $\frac{\$36.36}{6} = \$6.06/L$

b) How much will she make if she picks 10.5 litres of strawberries?

$$\$6.06 \times 10.5 = \$63.63$$

4. Vanja earns a 15% commission on all sales she makes at a health supply store. She also earns \$9.95/hour.

She sells the following in a 5-hour shift:

- 4 bottles of multi-vitamins at \$13.99 each;
- 3 protein drinks worth a total of \$17.49;
- 6 ankle braces worth \$10.49 each; and
- 2 orthotics for \$19.59 each.

$$\begin{aligned} 4 \times \$13.99 &= \$55.96 \\ 3 \times 17.49 &= 52.47 \\ 6 \times 10.49 &= 62.94 \\ 2 \times 19.59 &= 39.18 \\ \hline &= \$210.55 \end{aligned}$$

How much does Vanja earn for the day?

Hours:

$$\begin{aligned} 5 \times \$9.95 \\ \$49.75 \end{aligned}$$

Commission  
15%

$$\begin{aligned} 0.15 \times \$210.55 \\ \$31.58 \end{aligned}$$

Total Gross Pay

$$\begin{aligned} 49.75 \\ + 31.58 \\ \hline \$81.33 \end{aligned}$$

Federal tax code 1.

**Federal tax deductions**  
 Effective January 1, 2010  
 Weekly (52 pay periods a year)  
 Also look up the tax deductions in the provincial table

Pay	Federal claim codes										
	0	1	2	3	4	5	6	7	8	9	10
From - Less Than	Deduct from each pay										
460 - 464	62.15	32.20	29.35	23.60	17.90	12.15	6.45	0.70			
464 - 468	62.70	32.75	29.90	24.15	18.45	12.70	7.00	1.25			
468 - 472	63.25	33.30	30.45	24.75	19.00	13.30	7.55	1.85			
472 - 476	63.80	33.85	31.00	25.30	19.55	13.85	8.10	2.40			
476 - 480	64.40	34.45	31.55	25.85	20.10	14.40	8.70	2.95			
480 - 484	64.95	35.00	32.15	26.40	20.70	14.95	9.25	3.50			
484 - 488	65.50	35.55	32.70	26.95	21.25	15.50	9.80	4.05			
488 - 492	66.05	36.10	33.25	27.55	21.80	16.10	10.35	4.65			
492 - 496	66.60	36.65	33.80	28.10	22.35	16.65	10.90	5.20			
496 - 500	67.20	37.25	34.35	28.65	22.90	17.20	11.50	5.75	0.05		
500 - 504	67.75	37.80	34.95	29.20	23.50	17.75	12.05	6.30	0.60		
504 - 508	68.30	38.35	35.50	29.75	24.05	18.30	12.60	6.85	1.15		
508 - 512	68.85	38.90	36.05	30.35	24.60	18.90	13.15	7.45	1.70		
512 - 516	69.40	39.45	36.60	30.90	25.15	19.45	13.70	8.00	2.25		
516 - 520	70.00	40.05	37.15	31.45	25.70	20.00	14.30	8.55	2.85		
520 - 524	70.55	40.60	37.75	32.00	26.30	20.55	14.85	9.10	3.40		
524 - 528	71.10	41.15	38.30	32.55	26.85	21.10	15.40	9.65	3.95		
528 - 532	71.65	41.70	38.85	33.10	27.40	21.70	15.95	10.25	4.50		
532 - 536	72.20	42.25	39.40	33.70	27.95	22.25	16.50	10.80	5.05		
536 - 540	72.80	42.85	39.95	34.25	28.50	22.80	17.10	11.35	5.65		

**Manitoba provincial tax deductions**

Effective January 1, 2010

Weekly (52 pay periods a year)

Also look up the tax deductions in the federal table

Pay	Provincial claim codes										
	0	1	2	3	4	5	6	7	8	9	10
From – Less Than	Deduct from each pay										
493 - 501	50.45	33.55	31.80	28.30	24.75	21.25	17.75	14.20	10.70	7.20	3.65
501 - 509	51.25	34.35	32.60	29.10	25.55	22.05	18.55	15.00	11.50	8.00	4.45
509 - 517	52.05	35.15	33.40	29.90	26.40	22.85	19.35	15.85	12.30	8.80	5.30
517 - 525	52.85	36.00	34.20	30.70	27.20	23.65	20.15	16.65	13.10	9.60	6.10
525 - 533	53.70	36.80	35.00	31.50	28.00	24.45	20.95	17.45	13.95	10.40	6.90

Tables courtesy Canada Revenue Agency. Reproduced with permission of the minister of Public Works and Government Services Canada, 2010.

Employee Name: <u>Inaya</u>		Net Pay: <u>405.63</u>	
Company:	Pay Begin Date:	Cheque Date: <u>Mar. 24/15</u>	
	Pay End Date:		

  

General		Taxes Data	
Employee ID:	Job Title:	Description	Federal
Address:	Pay Rate: <u>\$ 13.07/h</u> Annual:	Claim Code	<u>1</u>

  

Hours and Earnings			Before-Tax Deductions		Taxes	
Current			Description	Amt.	Description	Current
Description	Rate	Gross Earnings	Union Dues	<u>8.00</u>	Federal	<u>38.90</u>
			Pension	<u>3.00</u>	Provincial	<u>35.15</u>
<u>40</u>	<u>13.07</u>	<u>522.80</u>	Total	<u>11.00</u>	CPP	<u>22.55</u>
					EI	<u>9.57</u>
					Total	<u>106.17</u>

  

Paycheque Summary				
Gross Earnings	Taxable Gross	Total Taxes, CPP, and EI	Total Deductions	Net Pay
<u>522.80</u>	<u>511.80</u>	<u>106.17</u>	<u>117.17</u>	<u>405.63</u>

CPP  
 $\frac{3500}{52}$   
\$ 67.31

$522.80$ $- 67.31$ <hr/> $455.49$	$455.49$ $\times 0.0495$ <hr/> $\$22.55$ <u>CPP</u>	<u>EI</u> $522.80$ $\times 0.0183$ <hr/> $\$9.57$
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