

SAMPLE CHAPTER TESTName: Answer 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 1 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

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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?

$\begin{array}{r} 12.10 \\ \times 40 \\ \hline \$484 \end{array}$	$\begin{array}{r} 484 \\ 40.40 \text{ (deductions)} \\ \hline \$193.6 \end{array}$	$\begin{array}{r} 484 \\ -193.6 \\ \hline 290.4 \end{array}$
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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?

$\frac{600}{4.10} = 146.34$ She will have to assemble 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?

$\begin{array}{r} \text{Reg. Time} \\ \$28.10 \\ \times 40 \\ \hline 1124 \end{array}$	$\begin{array}{r} \text{overtime} \\ \text{wages} \\ 28.10 \times 1.5 \\ \$42.15 \end{array}$	$\begin{array}{r} \text{Reg. Time} \\ 2 \text{ weeks} \\ \$2248 \end{array}$	$\begin{array}{r} \$2479.83 \\ -2248 \\ \hline \$231.83 \end{array}$	$\begin{array}{r} 231.83 \div 42.15 \\ \hline 5.5 \text{ hours} \end{array}$
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10. Kurt earns a monthly salary of \$3425.00 in Moncton, NB! On each monthly paycheque, in addition to the mandatory deductions (tax claim code 1), he pays \$15.00 in union dues, \$225.00 into a registered pension plan, and \$40.00 for parking. What is his taxable income?

15
225

240

$\begin{array}{r} \$3425 \\ -240 \\ \hline 3185 \end{array}$

Overtime rate $28.10 \times 1.5 = \underline{\underline{42.15}}$

$28.10 \times 80 = 2248.00$
 $2479.83 - 2248.00 = 231.83$
 $231.83 \div 42.15 = 5.5$

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$3425 - 15 - 225.00 - 40 = \underline{\underline{3145}}$

11. Tom works as a home support worker and earns \$17.50 an hour. If he works more than 8 hours on any day, he gets paid double the hourly rate. His shifts for one week are shown on the time card.

a) Tom earns \$35 an hour for overtime.

b) How many overtime hours did Tom work this week? 1.75 hrs.

c) What were his gross earnings?

$1.75 \times 35 = 61.25$
 $35.25 \times 17.50 = 616.88$
 $= \underline{\underline{\$678.13}}$

Time Card						
Employee Name: Tom						
Day	IN	OUT	Hours	Minutes	Decimal	Overtime
Sunday	8:15 am	5:00 pm	8	45	8.75	0.75
Monday	10:00 am	6:30 pm	8	30	8.5	0.5
Tuesday	12:30 pm	9:00 pm	8	30	8.5	0.5
Wednesday	1:00 pm	4:30 pm	3	30	3.5	
Thursday						
Friday						
Saturday	8:00	3:45	7	45	7.75	

Overtime = 1.75

12. Liliana works in sales for a cell phone company. She earns a base salary of \$1800.00 a month plus a 5% commission for every two-year service contract that she sells. Each contract is worth \$360.00 and she sold 35 contracts in July.

a) What is her commission?

$$\begin{array}{r} \$360 \\ \times 35 \\ \hline \$12600 \end{array} \quad \begin{array}{r} \$12600 \\ \times 0.05 \\ \hline \$630 \end{array}$$

18.29

b) How much did she earn in July?

$$\begin{array}{r} \$1800 \\ + 630 \\ \hline \$2430 \end{array}$$

13. Margrit earns \$475.00 a week plus 7% commission on her sales. What amount would she have to sell to earn \$750.00 a week?

$$\begin{array}{r} \$750 \\ - 475 \\ \hline 275 \end{array} \quad \begin{array}{l} 275 \div 0.07 \\ \$3928.57 \end{array}$$

