

ALBERTA DISTANCE LEARNING CENTRE

Mathematics 10-3

MAT1793

Unit A: Money Math

Chapter 1 Lesson 1

Student's Questions and Comments

FOR STUDENT USE ONLY

Student Name:

FOR ADLC USE ONLY

Assigned to

Marked by

Date received

Summary

	Marks Earned	Total Possible Marks	Percent
Lesson 1		36	

Teacher's Comments:

Teacher's Signature

CANADIAN CATALOGUING IN PUBLICATION DATA

MAT1793
Mathematics 10-3
ISBN: 978-1-927090-94-7
Workbook 1

Copyright 2015 Alberta Distance Learning Centre

4601 - 63 Avenue
Barrhead, Alberta Canada T7N 1P4

All rights reserved. No part of this courseware may be reproduced, stored in a retrieval system, or transmitted in any form or by any means – electronic, mechanical, photocopying, recording, or otherwise – without written permission from Alberta Distance Learning Centre.

Printed in Canada

Alberta Distance Learning Centre has made every effort to acknowledge original sources and to comply with copyright law. If errors or omissions are noted, please contact Alberta Distance Learning Centre so that necessary amendments can be made.

For Users of Alberta Distance Learning Centre Courseware

Much time and effort is involved in preparing learning materials and activities that meet curricular expectations as determined by Alberta Education. We ask that you respect our work by honouring copyright regulations.



Alberta Distance Learning Centre website:

<http://www.adlc.ca>

The Internet can be a valuable source of information. However, because publishing to the Internet is neither controlled nor censored, some content may be inaccurate or inappropriate. Students are encouraged to evaluate websites for validity and to consult multiple sources.

ADLC

Alberta Distance
Learning Centre



Lesson Assignment

This assignment includes fill in the blank, true and false, matching, multiple choice, and short answer questions. For multiple choice questions, select the best answer. Be sure to show all necessary work for short answer questions. You may ask for clarification from your teacher, but you will not be given the answer.

Lesson 1

②

1. Match the correct term with its definition.

- | | | |
|----------------|-------|--|
| a. piecework | _____ | A fixed amount of compensation that is paid regularly for services. |
| b. salary | _____ | A fee or a percentage of the proceeds is paid either in addition to or instead of wages or salary. |
| c. hourly rate | _____ | Work completed is calculated by the piece and paid for at a set rate per unit. |
| d. commission | _____ | Money is paid on an hourly basis to an employee for work done. |

①

_____ 2. Which of the following is **not** an advantage of hourly pay?

- a. Income is predictable if you work consistent hours.
- b. It is easier to ask your boss for a raise.
- c. There is the possibility of being paid overtime.
- d. If you work more hours in one day or one week, as indicated by current labor standards, you may be compensated by being given days in lieu or overtime pay.

①

_____ 3. Overtime in Alberta is:

- a. always paid at a rate of 2 times higher than the normal rate.
- b. paid on all hours over 6 hours per day.
- c. only paid if the owner wants to pay you.
- d. paid when an employee works more than 44 hours a week.

- ① _____ 4. Which of the following is an example of a unit rate?
- a. 30 km/5 hours
 - b. 12 cans of coke for \$4.99
 - c. \$1.22 for a litre of gas
 - d. 4 chocolate bars for \$2.98
- ② 5. Michelle works at a local convenience store and earns \$10.50/hour. If she works 28 hours this week, how much will she make?
- ② 6. Robert sees an advertisement for a job. The ad says that the job pays \$731.12/week for 38 hours. If Robert gets the job, how much will he be paid an hour?
- ② 7. Rachel works at IHOP every weekend as a waitress. She gets a 20% tip for any group that has 8 or more people. The last large group she served spent \$173.24. How much of a tip would Rachel have earned?

- ③ 8. Connor works at a car dealership. He is paid \$15.00/hour and earns 3% commission on every vehicle he sells. This week, he sold 3 vehicles for the following amounts: \$10 325.00, 12 750.00, and \$7 750.00. What was Connor's gross pay last week if he worked 40 hours?
9. Jake works for a department store where he earns \$10.25/hour. He works 160 hours a month. Stan works for a different department store where he earns 5% commission on all sales. His sales this month were \$31 525.00.
- ① a. What is Jake's gross pay for the month?
- ① b. What is Stan's gross pay for the month?
- ② c. If you had to choose between the two jobs, which one would you prefer. Explain **two** reasons for selecting the job.

Use the following information to answer question 10.

Leon worked Monday to Friday as a server in a restaurant. His hourly pay rate is \$10.25. He is paid time and a half for any hours he works beyond 8 hours a day. Below is a copy of his time card for the week.

Employee: Leon King						Week Ending: October 13		
						Hours Worked		Total hours
Date	Day	in	out	in	out	Regular	Overtime	
10/09	M	8 a.m.	12:00	1:00	5 p.m.			
10/10	Tu	8 a.m.	11:30	12:30	2 p.m.			
10/11	W	8 a.m.	12:00	1:00	4 p.m.			
10/12	Th	8 a.m.	12:00	1:00	7 p.m.			
10/13	F	7:30 a.m.	12:00	1:00	6:30 p.m.			
Total								

- ③ 10. a. Fill in Leon's time card.
- ③ b. Determine Leon's gross pay for the week.
- ② c. If Leon earned \$210.00 **each day** in tips, and kept 75% of the tips, how much would he earn from tips for the **week**?
Hint: Leon worked 5 days.
- ② d. How much would his total weekly earnings be, including tips?

Use the following information to answer question 11.

Jane works as a telemarketer. She earns \$6.50 per hour and is paid graduated piecework according to the number of calls she makes in an evening. The following chart shows the piecework pay scale.

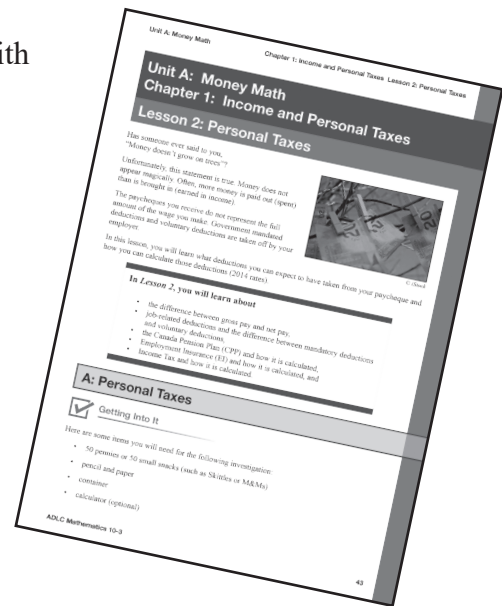
First 40 calls 25 cents/call
Next 10 calls 30 cents/call
Next 10 calls 35 cents/call
Over 60 calls 45 cents/call

If Jane makes more than 50 calls, she also receives a \$10.75 bonus.

- ② 11. a. Calculate Jane's hourly earnings for a shift of 4.75 hours.
- ② b. Calculate Jane's piecework earnings for the 56 calls she made on her shift.
- ② c. Calculate her total earnings for the shift.
Hint: Did she earn a bonus?
- ① d. The telemarketing company pays the employees more as the number of phone calls they make goes up. Give a reason why the company would do this.
- ① 12. Megan works at a local hardware store. She is currently earning \$10.15/hour. Her boss has decided to give her a raise to \$10.35/hour. How much more will Megan now make per week if she works 22 hours per week?

You have completed *Lesson 1 Assignment*.

Please return to the *Module* and continue your exploration with *Lesson 2*.



ADLC

Alberta Distance
Learning Centre

adlc.ca
1-866-774-5333
info@adlc.ca

Alberta Distance Learning Centre
Box 4000 4601 – 63 Avenue
Barrhead, Alberta T7N 1P4

Revised March 2020