

ALBERTA DISTANCE LEARNING CENTRE
Mathematics 10C
MAT1791
Workbook 1.1

**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
1.1 Practice – I	I have ____ /8 and ____ %.		
Lesson 1.1 Assignment		7	

Teacher's Comments:

Teacher's Signature

CANADIAN CATALOGUING IN PUBLICATION DATA

MAT1791
Mathematics 10C
ISBN: 978-1-927090-75-6
Workbook 1.1

Copyright 2014 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.



Mathematics 10
© McGraw-Hill Ryerson Ltd.

ADLC

Alberta Distance
Learning Centre

Practice Assessment

The *Practice* section provides exercise questions and allows you to self-reflect on your conceptual understanding of the *Lesson* skills. You will mark your *Practice* work in each *Workbook* according to the following rubric.

Category	Strategy and Procedures	Response to Questions
	<i>I have...</i>	<i>I have...</i>
4	<ul style="list-style-type: none"> used efficient and effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided detailed explanations and followed directions appropriately to complete all questions
3	<ul style="list-style-type: none"> used effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided clear explanations and followed directions adequately to complete most questions
2	<ul style="list-style-type: none"> used effective strategies inconsistently to solve the problem(s) 	<ul style="list-style-type: none"> provided incomplete explanations and followed some directions to complete a few questions
1	<ul style="list-style-type: none"> used ineffective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided incomplete explanations and have not followed directions to complete some questions

Complete *Practice* exercises using your best work, showing all relevant steps needed to arrive at your solution. Refer to the *Module* to review lesson instructions. Contact your teacher for assistance or clarification as needed, or to investigate the topic further.

Check and correct your work using the solutions provided in *Appendix* in the *Module*.

Practice is worth 8 marks.

After you have assessed your work, reflect on your understanding of the concepts in the table provided at the end of each *Practice* section.

Lesson 1.1: Referents

Complete the *Practice* below. When you have completed all the questions for *Lesson 1.1 Practice – I* with your best work, mark your work by first comparing your answers to the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.



Practice – I

1. Which SI and which imperial unit are most appropriate for measuring the following? Explain your reasoning.

- a. the distance across town

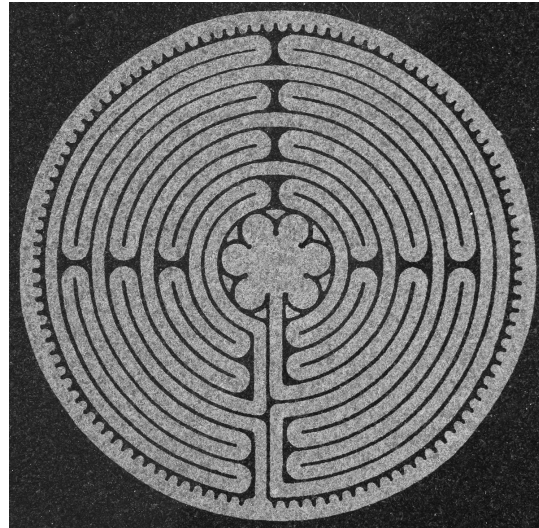
- b. the width of a book

- c. the length of a sofa

- d. the height of a building

2. Use the referents table you made in *Lesson 1.1* to estimate the following.
 - a. the length of your pencil
 - b. the perimeter of the room you are in
 - c. the height of your desk/table
 - d. the thickness of your textbook
3. Use an appropriate measuring tool to check your estimates from question 2.

4. A labyrinth is a single path that follows an intricate pattern. People have been walking labyrinths for personal, psychological, and spiritual advancement for thousands of years.



- a. Describe a referent that could be used to estimate the length of the labyrinth path from the entrance to the centre.

- b. Explain how a person could accurately determine the length of the labyrinth path.

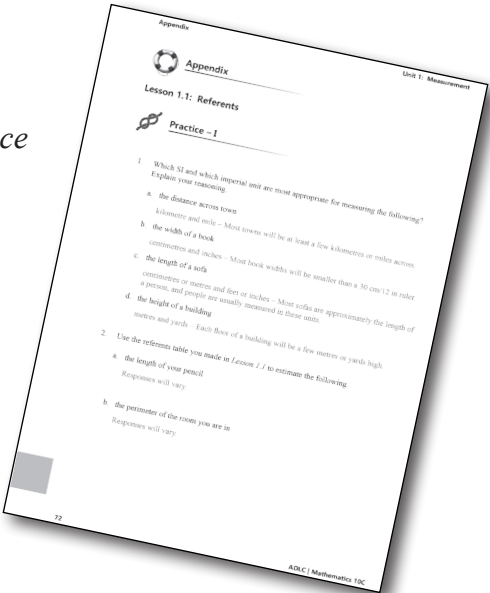
Mark your work for *Lesson 1.1 Practice – I* using the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.

Transfer your self-assessed mark to the front cover of the *Workbook*.

My self-assessed mark on *Lesson 1.1 Practice – I* is _____.

Reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

Question Number	Got it!	Almost there...	Need to retry or ask for help.
1			
2			
3			
4			

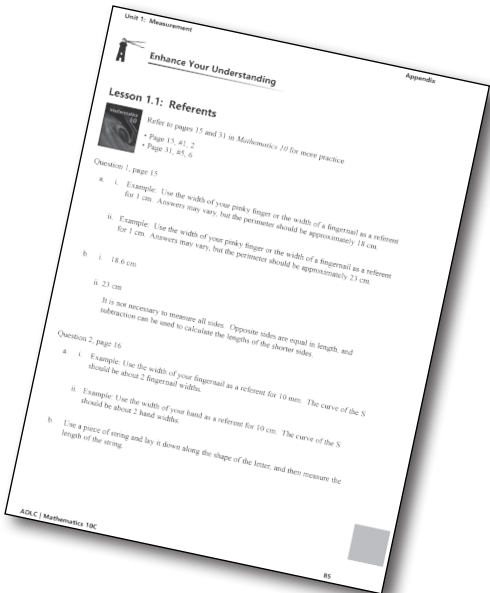


You may proceed to *Explore Your Understanding Assignment* on the next page of this *Workbook*.

Note: Before you complete *Explore Your Understanding*, you may review your skills and get more practice by completing the following problems in *Mathematics 10*.

- Page 15, #1, 2
- Page 31, #5, 6

Check your work in *Enhance Your Understanding*.



Lesson 1.1: Referents**Explore Your Understanding Assignment**

- ② 1. a. Name the two measurement systems commonly used in Canada.
- _____
- b. What are the two common names for the official system used in Canada?
- _____
- ③ 2. For what unit could each of the following act as a referent?
- a. the thickness of an optical disc (CD, DVD, Blu-ray, etc.)
- _____
- b. the length of your leg
- _____
- c. the width of a teenager's thumb
- _____
- ② 3. Why might hands have been chosen as a referent for horse height instead of fingers or arms?
- _____
- _____
- _____
- _____