

ALBERTA DISTANCE LEARNING CENTRE

Mathematics 10-3

MAT1793

Unit D: Geometry Chapter 7 Lesson 4

Student's Questions and Comments

FOR STUDENT USE ONLY

Student Name:

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Assigned to

Marked by

Date received

Summary

	Marks Earned	Total Possible Marks	Percent
Lesson 4		14	

Teacher's Comments:

Teacher's Signature

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Workbook 7

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Lesson Assignment

This assignment includes matching and short answer questions. 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 4

Include a **formula** as part of your work where applicable.

- ⑤ 1. Complete the following chart. You will need to measure your body parts that are stated in the chart.

Body Part	Actual Measurement	Referent Measurement	What can this referent be used for?
hand span	18.7 cm	20 cm	find the length of a table top
arm length			
arm span			
foot			
finger width			
stride			

- ③ 2. Match the correct referent with the approximate measurement it represents.

Measurement	Referent
_____ 100 m	a. height of a doorway
_____ 1 ft	b. diameter of a CD
_____ 12 cm	c. length of an adult foot
_____ 2 m	d. length of an adult stride
_____ 1 yd	e. thickness of a dime
_____ 1 mm	f. length of a football field

- ② 3. A family has just moved into a brand new home. Since they have just moved in, many boxes remain unpacked, including the one with the measuring tape. How can the amount of sod, needed for the backyard, be estimated in the absence of measuring tools?
Hint: Sod can only be purchased in square metres or square yards.

4. Brock wants to redo the walkway up to his house.



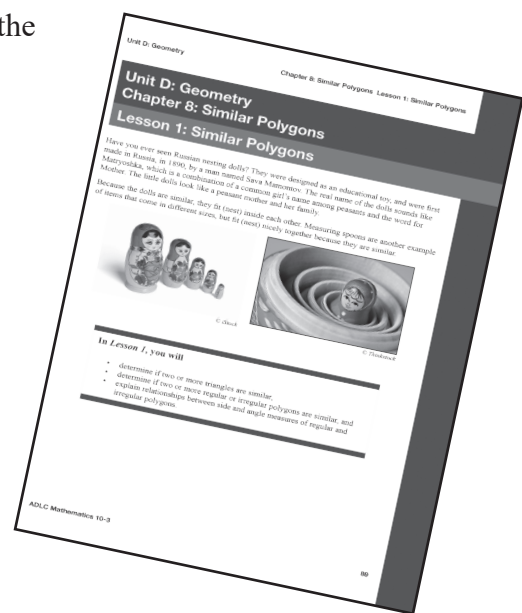
②

- a. Explain, using referents, how Brock could estimate how much lawn edging is needed to edge both sides of the flower beds.

②

- b. Explain, using referents, how Brock could estimate the number of bricks needed to redo the paved part of the walkway.

You have completed *Lesson 4 Assignment*. Please return to the *Module* and continue your exploration with *Chapter 8: Similar Polygons*.



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