

## ***Coach's Corner Assessment***

*Coach's Corner* provides practice and allows you to self-reflect on your conceptual understanding of the *Lesson* skills. Assessment of your work in *Coach's Corner* will be combined into two overall completion marks, one for *Workbook A* and one for *Workbook B*. Your work for *Coach's Corner* in each *Workbook* will be assessed according to the rubric provided.

Category	Strategy and Procedures	Response to Questions
	<i>The student...</i>	<i>The student...</i>
<b>4</b>	<ul style="list-style-type: none"> <li>uses efficient and effective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provides detailed explanations and follows directions appropriately to complete all questions</li> </ul>
<b>3</b>	<ul style="list-style-type: none"> <li>uses effective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provides clear explanations and follows directions adequately to complete most questions</li> </ul>
<b>2</b>	<ul style="list-style-type: none"> <li>uses effective strategies inconsistently to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provides incomplete explanations and follows some directions to complete a few questions</li> </ul>
<b>1</b>	<ul style="list-style-type: none"> <li>does not use effective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provides incomplete explanations and does not follow directions to complete some questions</li> </ul>

Complete *Coach's Corner* 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 *Equipment Room* in the *Module*.

*Coach's Corner* is worth 8 marks.

After you have assessed your work, reflect on your understanding of the concepts addressed in the *Coach's Corner* exercises in the table provided.

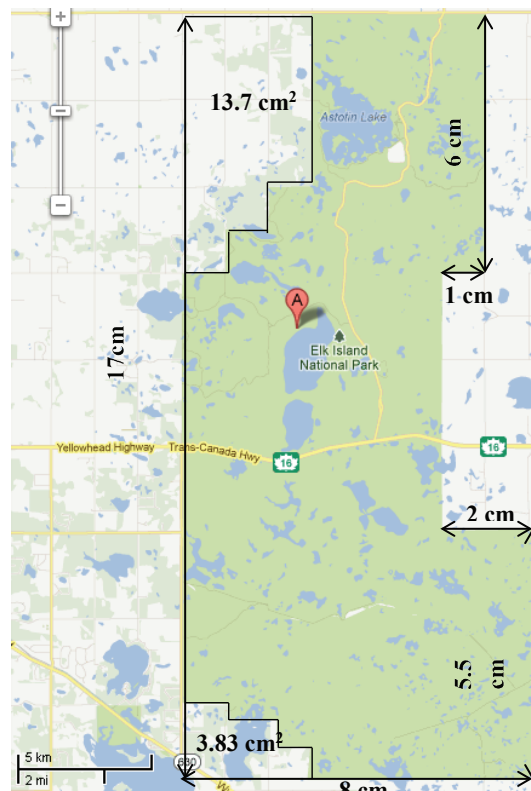
## Unit 5: Proportional Reasoning Lesson 5.3



### Coach's Corner – IV

1. Elk Island National Park is located in the eastern prairies of Alberta. It is protected land that is reserved for wild animals and nature to grow and thrive. The scale for this map is approximately 3 cm for every 5 km or 2 cm for every 2 miles.

- a. Determine the dimensions of the largest length and largest width of the park in kilometres and in miles.



© maps.google.ca

- b. Calculate the total area of the park, in  $\text{cm}^2$ , as represented on the map. Recall that the area formula for a rectangle is  $A = l \times w$ .

2. Draw a reduction of each of the following objects given the designated scale factor. Determine the length of the reduction, in centimetres.

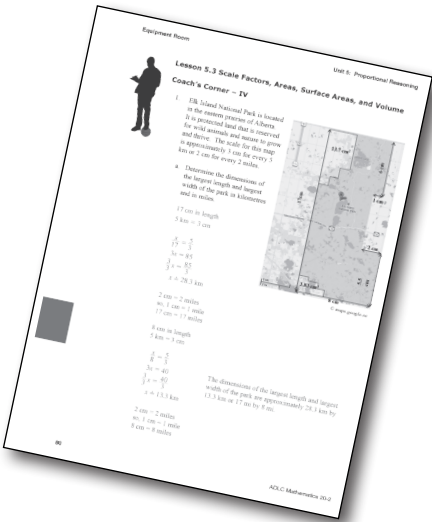
a. Golf putter, 75 cm in length, scale factor:  $\frac{1}{25}$ .

b. House boat, 21 metres in length, scale factor:  $\frac{1}{150}$ .

Please go to the *Equipment Room* to check your solutions before proceeding to *Game On!*, on the next page of this *Workbook*..

After you have assessed your work, reflect upon your understanding of the concepts addressed in the *Coach's Corner* exercises in the table provided.

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



**Note:** Before you complete *Game On!*, you may review your skills and get more practice by completing the following problems in *Principles of Mathematics 11*.

- Page 479, #1, 3, 5, 6, 10a, 11, and 13
- Page 500, #1a, 1d, 2, 5a, 6, 9, 11, and 13

Check your work in *Strengthening and Conditioning*.

