

# Grade 5 Mathematics

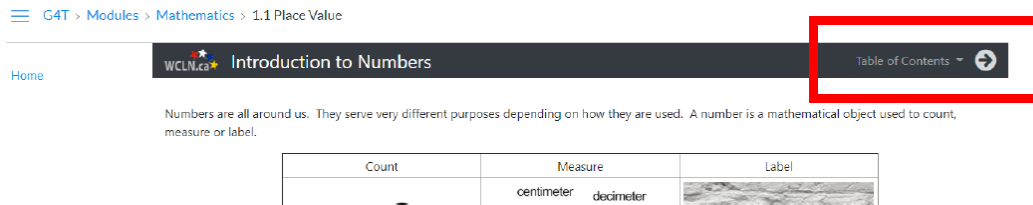
Week of December 18 – December 22

## Lesson 5.1: Perimeter

### Lesson Materials

- Lessons for Section [5.1 Perimeter](#)
- Learning Guide (This PDF)

Use the link above to open the lessons for this section. Remember: on the lesson page, use the arrow next to the “Table of Contents” at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.



Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

### Suggested Lesson Schedule

<p><b>Monday</b></p> <ul style="list-style-type: none"><li>• Perimeter</li><li>• Examples</li><li>• Try Your Skills</li><li>• LG 5.1 p. 1, #1</li></ul>	<p><b>Thursday</b></p> <ul style="list-style-type: none"><li>• Word Problem #1</li><li>• Word Problem #2</li><li>• Word Problem #3</li><li>• LG p. 4, #6-7</li></ul>
<p><b>Tuesday</b></p> <ul style="list-style-type: none"><li>• Practice</li><li>• LG p. 2, #2-3</li></ul>	<p><b>Friday</b></p> <ul style="list-style-type: none"><li>• Word Problem #4</li><li>• Word Problem #5</li><li>• LG p. 4, #8-9</li></ul>
<p><b>Wednesday</b></p> <ul style="list-style-type: none"><li>• Finding a Side</li><li>• LG p. 3, #4-5</li></ul>	

Name: \_\_\_\_\_

# UNIT 5 LEARNING GUIDE – GEOMETRY

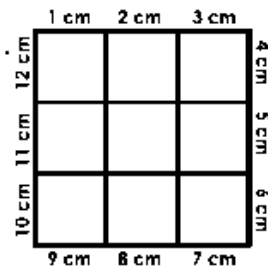
**INSTRUCTIONS:**

Using a pencil, complete the following questions as you work through the related lessons. Show ALL of your work as is explained in the lessons. Do your best and always ask questions if there is anything that you don't understand.

**5.1 PERIMETER**

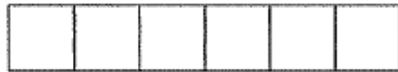
1. Calculate the perimeter of the following rectangles by counting or adding the number of 1 cm units around the outside of the shape. The first one has been completed for you.

Example:



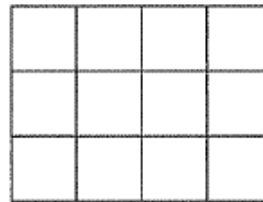
Perimeter = 12 cm

a.



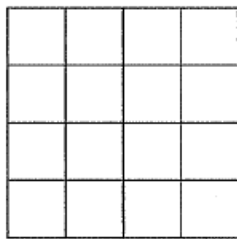
Perimeter = \_\_\_\_\_

b.



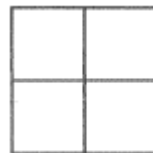
Perimeter = \_\_\_\_\_

c.



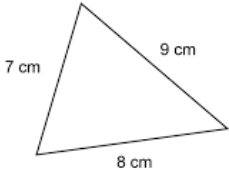
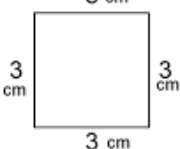
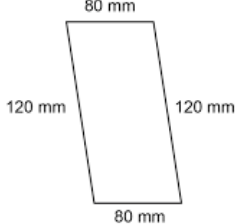
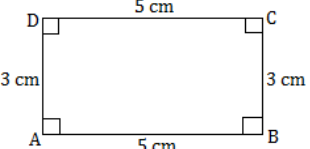
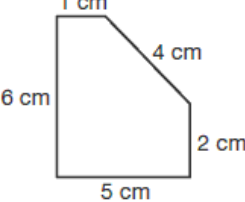
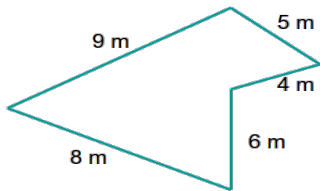
Perimeter = \_\_\_\_\_

d.



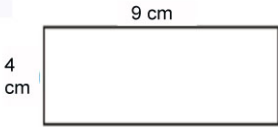
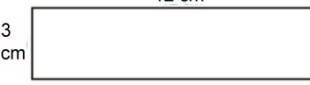
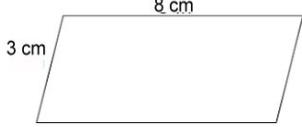
Perimeter = \_\_\_\_\_

2. Find the perimeter of each of the figures below. Be sure to show your work and include units.

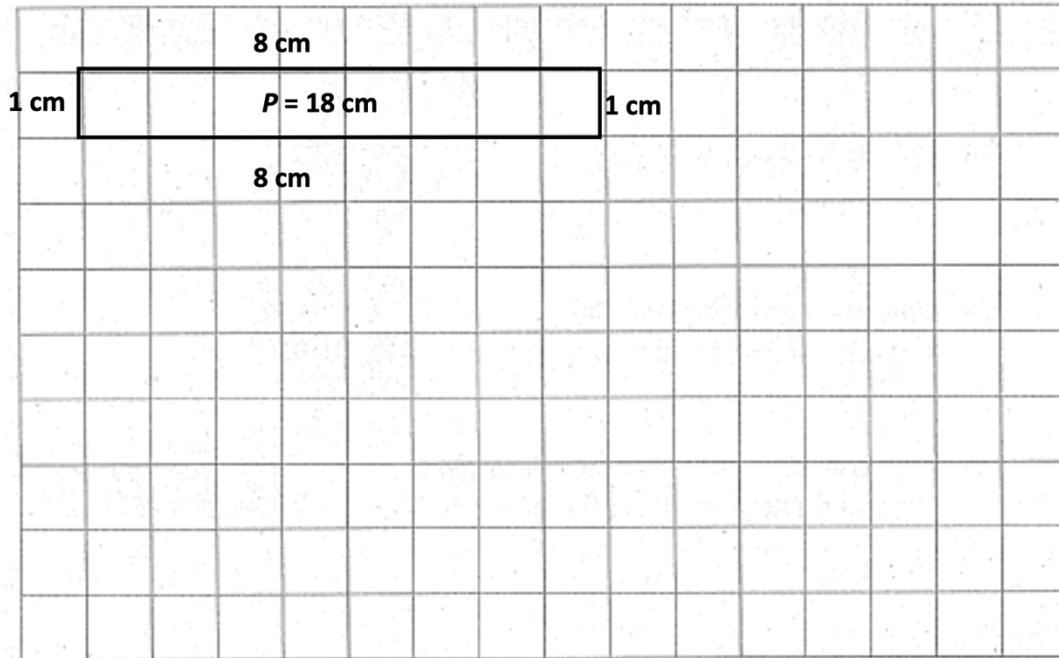
<p><b>Example:</b></p>  <p>Perimeter = <math>7 + 9 + 8</math> = 24 cm</p>	<p>a)</p>  <p>Perimeter = _____ _____</p>	<p>b)</p>  <p>Perimeter = _____ _____</p>
<p>c)</p>  <p>Perimeter = _____ _____</p>	<p>d)</p>  <p>Perimeter = _____ _____</p>	<p>e)</p>  <p>Perimeter = _____ _____</p>

3. Find the perimeter of the following using the formula:

$$P = 2L + 2W$$

<p>a) rectangle</p>  <p><math>P = 2L + 2W</math> Perimeter = _____ _____</p>	<p>b) rectangle</p>  <p><math>P = 2L + 2W</math> Perimeter = _____ _____</p>	<p>c) parallelogram</p>  <p><math>P = 2L + 2W</math> Perimeter = _____ _____</p>
---	---	---

4. Use a ruler to draw all possible rectangles with a perimeter of 18 cm. Label each rectangle's dimensions (length and width). Use only whole numbers. Each square is 1 cm. Hint: there are 4 different rectangles. The first one has been completed for you.



5. Find the length of the unknown side in each of the following:

<p>a)</p> <p>Perimeter = 16 cm</p> <hr/> <hr/> <hr/> <hr/>	<p>b)</p> <p>Perimeter = 28 cm</p> <hr/> <hr/> <hr/> <hr/>	<p>c)</p> <p>Perimeter = 36 cm</p> <hr/> <hr/> <hr/> <hr/>
--	--	--

