

# Grade 5 Mathematics

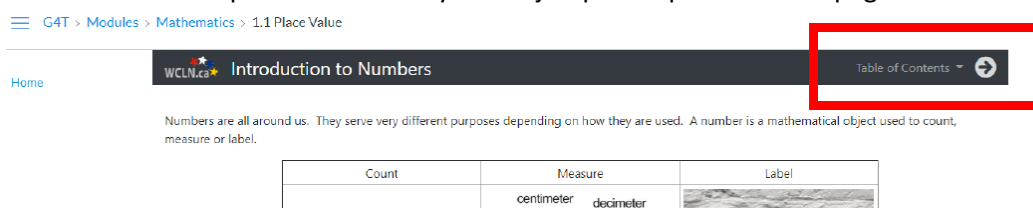
Week of January 25 – January 29

## Lesson 5.2: Area

### Lesson Materials

- Lessons for [Section 5.2 Area](#)
- 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.



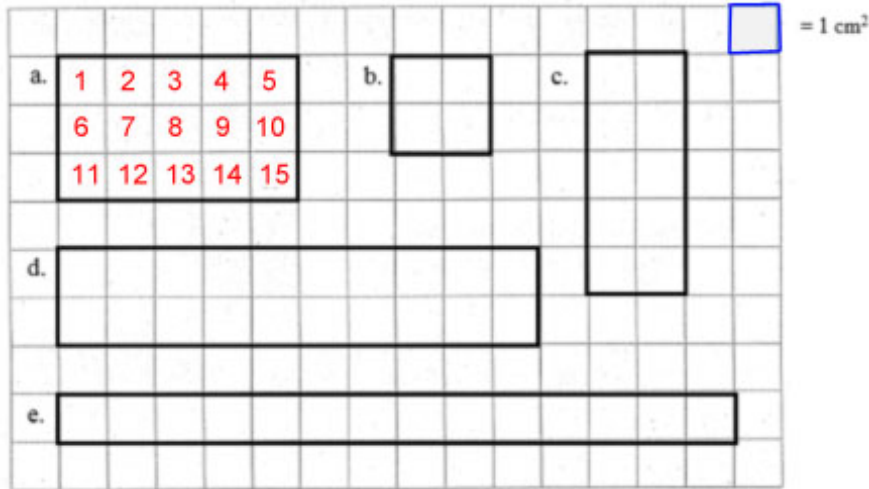
Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to 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>• Introduction</li><li>• Area</li><li>• Rectangle</li><li>• LG 5.2 p. 5, #1</li></ul> <p><b>Tuesday</b></p> <ul style="list-style-type: none"><li>• Comparing Perimeter and Area</li><li>• Try Your Skills</li><li>• Square</li></ul> <p><b>Wednesday</b></p> <ul style="list-style-type: none"><li>• LG p. 5-6, #2</li></ul>	<p><b>Thursday</b></p> <ul style="list-style-type: none"><li>• Word Problem</li><li>• LG p. 6, #3-4</li></ul> <p><b>Friday</b></p> <ul style="list-style-type: none"><li>• Test Your Understanding</li><li>• Choose 5 rectangular or square items from around your home; calculate the perimeter and area of each item (for example: calculate the perimeter and area of the face of a cereal box, or the cover on a book).</li></ul>
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5.2 AREA

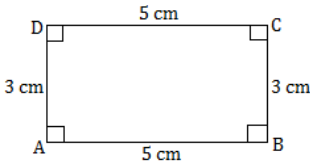

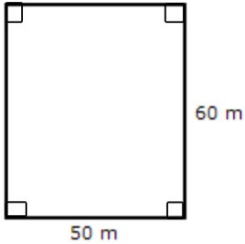
1. Calculate the area of each rectangle. Each square is  $1 \text{ cm}^2$ . Remember to include the units. The first one is done for you.



- a)  $15 \text{ cm}^2$  or 15 square units
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_
- e) \_\_\_\_\_

2. Find the area of each of the following figures.

<p><b>Example:</b></p> <p style="text-align: center;"><math>9 \text{ mm}</math></p> <p style="text-align: right;"><math>6 \text{ mm}</math></p> <p style="color: red;">Area = <math>l \times w</math>  <math>= 6 \times 9</math>  <math>= 54 \text{ mm}^2</math></p>	<p>a)</p> <p style="text-align: center;"><math>4 \text{ cm}</math></p> <p style="text-align: right;"><math>10 \text{ cm}</math></p> <p>Area = _____          _____          _____</p>	<p>b)</p> <p style="text-align: center;"><math>3 \text{ cm}</math></p> <p style="text-align: right;"><math>3 \text{ cm}</math></p> <p>Area = _____          _____          _____</p>
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<p>c)</p>  <p>Area = _____</p> <p>_____</p> <p>_____</p>	<p>d)</p>  <p>Area = _____</p> <p>_____</p> <p>_____</p>	<p>e)</p>  <p>Area = _____</p> <p>_____</p> <p>_____</p>
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3. Theresa wants new carpeting for her family room. Her family room is a 3 m by 4 m rectangle. How much carpeting does she need to buy to cover her entire family room?

4. The perimeter of a rectangular field is 60 m and its width is 10 m. Find the area of this field.