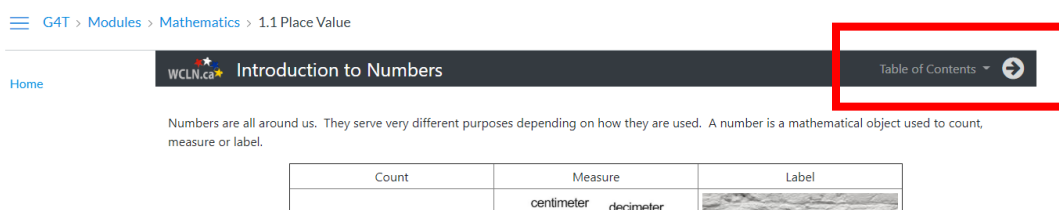# Grade 5 Mathematics

Week of Sept 28- Oct 2

**Curricular Area: Numeracy**

**Lesson Materials**

- Lessons for Section 1.1. Place Value
- 1.1 Place Values Learning Guide (This PDF)

Use the link above to open the lessons for Section 1.1 Place Value. 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 Section 1.1 Place Value. 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

| | |
|---|---|
| Monday<br>• Introduction to Numbers<br>• Hockey Puzzle #1<br>• Place Value to Millions<br>• Check for Understanding<br>• Rules<br>• Matching | Thursday<br>• Expanded Form<br>• Your Turn!<br>• Name the Number<br>• Find the Match |
| Tuesday<br>• Number Words – The First 3 Digits<br>• Number Words – to Six Digits<br>• Number Words to Millions | Friday<br>• Practice Quiz<br>• Rounding to the Nearest Ten<br>• Rounding to the Nearest Hundred<br>• Rounding to the Nearest Thousands and Beyond |
| Wednesday<br>• Comparing Numbers<br>• Comparing Numbers Games<br>• Hockey Puzzle #2 | |

Math 5

Name:

# UNIT 1 LEARNING GUIDE – NUMERACY

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.

## 1.1 PLACE VALUE

1. Complete the table below by filling in all of the blank cells.

| Place Value Chart | | | | | | |
|---|---|---|---|---|---|---|
| **Period Name** Millions | | | | Units | | |
| **Hundreds/ Tens/Ones** O | H | T | O | | | |
| **Place Value Name** Millions | | Ten Thousands | | | Tens | Ones |
| **Value** | | | | 100 | | |

2. Use the place value chart to correctly show each number. The first one is done for you.

| | Ten Thousands | Thousands | Hundreds | Tens | Ones |
|---|---|---|---|---|---|
| 3678 | | 3 | 6 | 7 | 8 |
| a. 3067 | | | | | |
| b. 13 872 | | | | | |
| c. 49 | | | | | |
| d. 20 050 | | | | | |

3. The population of Chilliwack, BC, in 2020, was 83 792.
    Example: What is the value of the 9 in this number? <u>90</u>

    a. What is the value of the 2 in this number? _____

    b. What is the value of the 3 in this number? _____

    c. What is the value of the 7 in this number? _____

    d. What is the value of the 8 in this number? _____

4. Write the place value of the underlined digit using words, then write its value using numbers.

    **Ex.** 89 9<u>3</u>0      Place value = _*tens*_____      Value = _*30*_____

    a. 5<u>2</u>32      Place value = _____      Value = _____

    b. 5<u>1</u> 732      Place value = _____      Value = _____

    c. 245 75<u>9</u>      Place value = _____      Value = _____

    d. <u>3</u>99 424      Place value = _____      Value = _____

    e. 2 1<u>3</u>5 458      Place value = _____      Value = _____

5. Match the number to its equivalent in standard word form.

    ____      1253      a. one million two hundred five thousand three hundred

    ____      12 053      b. twelve thousand five hundred thirty

    ____      12 530      c. one hundred twenty thousand fifty-three

    ____      1 205 300      d. one thousand two hundred fifty-three

    ____      120 530      e. five hundred thirty

    ____      120 053      f. twelve thousand fifty-three

    ____      125 530      g. one hundred twenty-five thousand five hundred thirty

    ____      530      h. one hundred twenty thousand five hundred thirty

6. Write the following numbers in standard word form.

**Ex.** 89 930      _eighty-nine thousand nine hundred thirty_

a. 5232           _____

                  _____

b. 38 330         _____

                  _____

c. 2 245 759     _____

                  _____

7. Write the following numbers in expanded form. _Reminder: Start with the biggest number first._

**Ex.** 1235       =    _1000 + 200 + 30 + 5_

a. 423         =    _____

b. 2032       =    _____

c. 55 891     =    _____

d. 7 659 423   =    _____

                  _____

8. Write the following numbers in standard form. _Reminder: You may have to add a 0 as a place holder in some cases._

**Ex.** 7000 + 40 + 2          =   _7042_

a. 5000 + 600 + 7        = _____

b. 2000 + 100 + 30 + 2    = _____

c. 60 000 + 8000 + 400 + 50 + 9 = _____

d. 400 000 + 10 000 + 60 + 8   = _____

9. Rearrange the following number sets to make the smallest and the largest possible numbers.

| Number Set | Smallest Possible Number | Largest Possible Number |
|---|---|---|
| Ex. 2 8 1 7 8 3 | *123 788* | *887 321* |
| a. 9 1 4 4 1 2 | | |
| b. 7 8 2 4 | | |
| c. 2 9 3 5 1 8 | | |
| d. 5 4 5 4 3 | | |

10. Find the mystery numbers.

a. The mystery number has...

a 4 in the ten thousands place.
a 5 in the hundred thousands place
a 3 in the tens place
a 2 in the ones place
a 0 in the hundreds place
a 6 in the thousands place

What is the mystery number?

___ ___ ___   ___ ___ ___

b. The mystery number has...

a 4 in the ones place
a 1 in the hundreds place
an 8 in the hundred thousands place
a 9 in the tens place
a 5 in the thousands place
a 6 in the ten thousands place

What is the mystery number?

___ ___ ___   ___ ___ ___

11. Use the table below to answer the following questions.

**Aboriginal Population in Canada
by Province and Territory**

| Province | Aboriginal Population |
|---|---|
| British Columbia | 270 585 |
| Alberta | 258 640 |
| Saskatchewan | 175 020 |
| Manitoba | 223 310 |
| Ontario | 374 395 |
| Quebec | 182 890 |
| New Brunswick | 29 385 |
| Nova Scotia | 51 490 |
| Prince Edward Island | 2740 |
| Newfoundland and Labrador | 45 725 |
| Yukon | 8195 |
| Northwest Territories | 20 860 |
| Nunavut | 30 550 |

a. Which provinces and territories have an aboriginal population of less than ten thousand people? _____

b. Which provinces and territories have an aboriginal population that is greater than a quarter of a million people (250 000)? _____

c. Which province or territory has an aboriginal population of almost thirty thousand people? _____

d. Which provinces or territories have an aboriginal population of between 175 000 and 200 000 people? _____

e. List the population amounts from smallest to largest. (Write the numbers rather than the names of the provinces and territories.)