

Grade 6 Mathematics

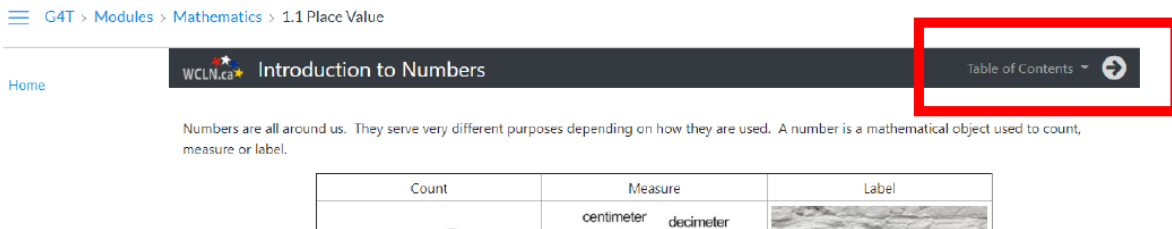
Week of October 5 – October 9

Lesson 1.2: Place Value Decimals and Lesson 1.3: Multiplication Review

Lesson Materials

- Lessons for Section [1.2 Place Value Decimals](#) continued
- Lesson for Section [1.3 Multiplication Review](#)
- Place Values Learning Guide (This PDF)

Use the link above to open the lessons for Section 1.2 Place Value Decimals, and 1.3 Multiplication Review. 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 Section 1.2 Addition and Subtraction. 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>Monday</p> <ul style="list-style-type: none"> • Matching • Ordering Decimal Numbers • Hockey Practice • LG 1.2, #3, p. 6 • Place Value Names • Expanded Form • LG 1.2, #4-5, p. 7 <p>Tuesday</p> <ul style="list-style-type: none"> • Practice – Find the Match • More Place Value Practice • LG 1.2, #6-10, p. 7-9 	<p>Wednesday</p> <ul style="list-style-type: none"> • Times Table Review • Balloon Multiplication • 1-Digit by 3-Digit • Practice #1 • LG 1.3, #1 <p>Thursday</p> <ul style="list-style-type: none"> • 2-Digit by 2-Digit • Multiplication Review • 2-Digit by 3-Digit • Practice #3 • LG 1.3, #2-3, p. 10 	<p>Friday</p> <ul style="list-style-type: none"> • 3-Digit by 3-Digit • Practice #4 • LG 1.3, #4, p. 10 • Distribution • Practice #5 • LG 1.3, #5, p. 11
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1.2 PLACE VALUE: DECIMALS

1. Write the number 15.23 into the place value chart below.

Units			•	Decimals		
Hundreds	Tens	Ones		Tenths	Hundredths	Thousandths

2. Write the place value of the underlined digit using words.

Ex. 80.856 Place Value = thousandths Value = 0.006

a. 1.68 Place Value = _____ Value = _____

b. 0.879 Place Value = _____ Value = _____

c. 31.020 Place Value = _____ Value = _____

d. 1492.6 Place Value = _____ Value = _____

e. 0.087 Place Value = _____ Value = _____

f. 62.754 Place Value = _____ Value = _____

3. Order the following numbers from smallest to largest

a) 8.28 ; 8.600 ; 8.68 ; 8.831

b) 7.424 ; 7.258 ; 7.893 ; 7.46

c) 8.214 ; 8.61 ; 8.62 ; 8.98

d) 7.65 ; 7.587 ; 7.69 ; 7.656

4. Match the number to its correct standard word form.

- | | | |
|-------|--------|---|
| _____ | 7.25 | a. seven hundredths |
| _____ | 7.52 | b. seven and twenty-five thousandths |
| _____ | 0.07 | c. seven and twenty-five hundredths |
| _____ | 0.007 | d. seven hundred seven |
| _____ | 7.025 | e. seventy and two hundred five thousandths |
| _____ | 0.707 | f. seven thousandths |
| _____ | 707.0 | g. seven hundred seven thousandths |
| _____ | 70.205 | h. seven and fifty-two hundredths |

5. Write out the following numbers in standard word form. This is the same as how you would say the numbers out loud. *Reminder: In place of the decimal, write the word "and".*

Ex. 6.792 = *six and seven hundred ninety two thousandths*

a. 4.52 = _____

b. 72.041 = _____

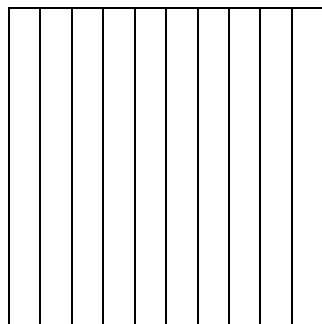
c. 0.83 = _____

d. 50.6 = _____

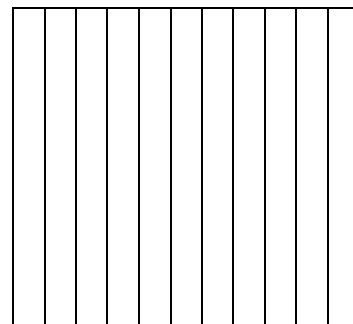
e. 0.735 = _____

6. Fill in the grids to represent the given decimal.

a. 0.6



b. 0.2



d. 0.64, 0.62, 0.71 _____

10. The top six finishers of the Men's 5000m Speed Skating race from the 2018 Winter Olympics are shown below. If **the lowest score wins**, which countries were awarded gold (1st place), silver (2nd place), and bronze (3rd place)?

Athlete	Nation	Time (min:sec.millisec)
Bloeman, Ted-Jan	Canada	6:11.616
Kramer, Sven	Netherlands	6:09.760
Lee, Sueng Hoon	Korea	6:14.150
Micheal, Peter	New Zealand	6:14.070
Pederson, Sverre Lunde	Sweden	6:11.618
Swings, Bart	Belgium	6:14.570

a. Gold:

b. Silver:

c. Bronze:

1.3 MULTIPLICATION REVIEW

1. Multiply. Since this is a review there are not too many questions. If you need more practice talk to your teacher

a.
$$\begin{array}{r} 312 \\ \times 3 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 236 \\ \times 2 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 458 \\ \times 5 \\ \hline \end{array}$$

2. Multiply. *Reminder: Before multiplying the tens digit from the bottom number, add a zero to the next answer row.*

a.
$$\begin{array}{r} 34 \\ \times 25 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 25 \\ \times 16 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 56 \\ \times 43 \\ \hline \end{array}$$

3. Multiply.

a.
$$\begin{array}{r} 234 \\ \times 25 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 561 \\ \times 40 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 827 \\ \times 63 \\ \hline \end{array}$$

4. Multiply. *Reminder: It becomes even more important to keep your work neat and organized as math problems become more complex. Always keep numbers lined up according to their place value.*

a.
$$\begin{array}{r} 234 \\ \times 251 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 309 \\ \times 156 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 888 \\ \times 440 \\ \hline \end{array}$$

5. Multiply using the distribution method. *Reminder: Multiply each number in the first set of brackets by each number in the second set of brackets.*

Ex. 58×16

$$\begin{array}{r}
 \text{50} \\
 \text{300} \\
 \text{80} \\
 + \text{48} \\
 \hline
 \text{928}
 \end{array}$$

Diagram showing the distribution of $(50 + 8) \times (10 + 6)$ with colored arcs connecting terms: orange from 50 to 10, red from 50 to 6, green from 8 to 10, and blue from 8 to 6.

b. 85×37

$$(\quad + \quad) \times (\quad + \quad)$$

a. 43×29

$$(\quad + \quad) \times (\quad + \quad)$$

c. 61×55

$$(\quad + \quad) \times (\quad + \quad)$$