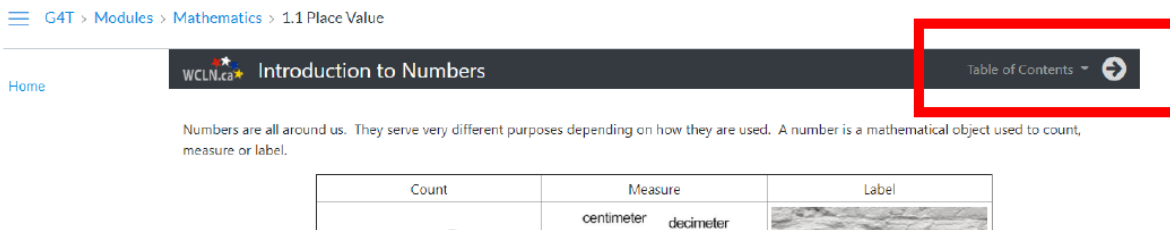# Grade 5 Mathematics
## Week of October 13 – October 16

### Lesson 1.3: Multiplying

**Lesson Materials**

- Lessons for Section 1.3 Multiplying
- Place Values Learning Guide (This PDF)

Use the link above to open the lessons for Section 1.3 Multiplying. 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 1.3 Multiplying. 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**

| Tuesday | Thursday |
|---|---|
| <ul><li>Times Table Review</li><li>Balloon Multiplication</li><li>1-digit by 3-digit</li><li>Practice #1</li><li>LG 1.3 #1-2, p. 10</li></ul> | <ul><li>2-digit by 3-digit</li><li>Practice #3</li><li>3-digit by 3-digit</li><li>Practice #4</li><li>LG #4-5, p. 11</li></ul> |
| **Wednesday** | **Friday** |
| <ul><li>2-digit by 2-digit</li><li>Practice #2</li><li>LG #3, p. 10</li></ul> | <ul><li>Distribution</li><li>Practice #5</li><li>LG #6, p. 11</li></ul> |

## 1.3 MULTIPLYING

1. Multiply. *Reminder: These are examples of multiplication facts that are helpful to be able to answer quickly without a calculator.*

   a. $3 \times 3$

   b. $6 \times 4$

   c. $8 \times 6$

   d. $12 \times 12$

   e. $3 \times 8$

   f. $7 \times 7$

   g. $9 \times 6$

   h. $2 \times 11$

   i. $3 \times 7$

   j. $6 \times 3$

   k. $8 \times 7$

   l. $9 \times 8$

2. Multiply.

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

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

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

   d.
   $$\begin{array}{r} 807 \\ \times\ 3 \\ \hline \end{array}$$

   e.
   $$\begin{array}{r} 222 \\ \times\ 9 \\ \hline \end{array}$$

   f.
   $$\begin{array}{r} 697 \\ \times\ 8 \\ \hline \end{array}$$

3. 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.
   $$\begin{array}{r} 56 \\ \times\ 43 \\ \hline \end{array}$$

   d.
   $$\begin{array}{r} 85 \\ \times\ 17 \\ \hline \end{array}$$

   e.
   $$\begin{array}{r} 60 \\ \times\ 38 \\ \hline \end{array}$$

   f.
   $$\begin{array}{r} 99 \\ \times\ 33 \\ \hline \end{array}$$

4. Multiply.

a.
$$234 \times 25$$

c.
$$827 \times 63$$

e.
$$765 \times 42$$

b.
$$561 \times 40$$

d.
$$494 \times 16$$

f.
$$304 \times 98$$

5. BONUS: 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.
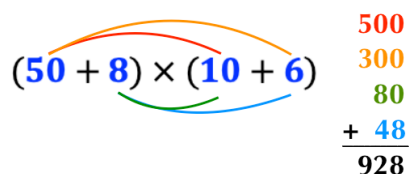
a.
$$234 \times 251$$

b.
$$309 \times 156$$

c.
$$888 \times 440$$

6. 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.** $58 \times 16$

$(50 + 8) \times (10 + 6)$

```
  500
  300
   80
+  48
  928
```

b. $85 \times 37$

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

a. $43 \times 29$

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

c. $61 \times 55$

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