



Third Grade Unit 7

Review, Mastery, and Extend

Volume 7 Issue 1

References

Helpful Links:

Links for Parents to build background knowledge to preview 4th Grade:

- (4.NBT.2) <https://learnzillion.com/resources/72467-read-write-and-compare-multi-digit-whole-numbers-4-nbt-a-2>
- (4.NBT.3) <https://learnzillion.com/resources/72547-round-multi-digit-whole-numbers-to-any-place-4-nbt-a-3>
- (4.NBT.4) <https://learnzillion.com/resources/73029-add-and-subtract-using-the-standard-algorithm-4-nbt-b-4>
- (4.MD.2) <https://www.ixl.com/math/grade-4/find-start-and-end-times-multi-step-word-problems>

Dear Parents

Third Grade is coming to an end! At this time, students are reviewing standards learned, mastering standards and possibly previewing standards for fourth grade. The third grade focus was to:

- Multiply and divide within 100
- Represent and compare fractions

Concepts students may preview for 4th Grade

- 4.NBT.2 Read, write and compare multi-digit whole numbers using $< = >$
- 4.NBT.3 Use place value to round numbers
- 4.NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm
- 4.MD.2 Use four operations to solve word problems with intervals of time

Vocabulary

- Digit:** any of the numerals from 0 to 9.
- Expanded Form:** $463,732 = 400,000 + 60,000 + 3,000 + 700 + 30 + 2$
- Place value:** value of a digit according to its place in a number
- Standard Form:** 463,732-an amount represented using numerals
- Whole numbers:** natural numbers including zero (0, 1, 2, 3, ...)

Georgia Math Grade 3 Textbook

Textbook Online:

connected.mcgraw-hill.com

Ask your teacher for the online passcode

Example 1

How is the 2 in the number 8,286 similar to and different from the 2 in the number 8,528?

Example 2

Students should be able to explain why the algorithm works.

$$\begin{array}{r} \text{Example:} \quad 3892 \\ + 1567 \\ \hline \end{array}$$

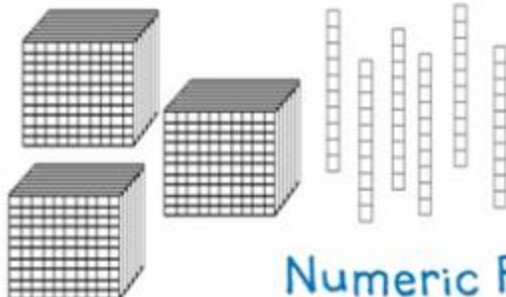
Student explanation for this problem:

1. Two ones plus seven ones is nine ones.
2. Nine tens plus six tens is 15 tens.
3. I am going to write down five tens and think of the 10 tens as one more hundred. (Denotes with a 1 above the hundreds column)
4. Eight hundreds plus five hundreds plus the extra hundred from adding the tens is 14

hundreds.

- I am going to write the four hundreds and think of the 10 hundreds as one more 1000. (*Denotes with a 1 above the thousands column*)
- Three thousands plus one thousand plus the extra thousand from the hundreds is five thousand.

Example 3



Thousands	Hundreds	Tens	Ones
3	0	6	0

Numeric Form: 3,060
Expanded Form: 3000 + 60
Word Form: three thousand sixty

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Rounded to the nearest hundred=3100 and rounded to the nearest thousand= 3000.

Example 4

Your mother takes a 2 hour nap after work. If she went to sleep at 4:15pm, what time did she wake up?

Home Activities

- Before a car trip, ask your child to read the odometer. Write the number down. When you reach the new destination have your child read the odometer again and to subtract to find the distance traveled.
 - Have your children compare whole numbers in daily routines by looking at the paper, watching the news, reading road signs, addresses etc.
 - Incorporate time in everyday activities having your child tell you what time to get ready and leave to places etc.
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