

G4 Playlist: Reading, Writing, and Comparing Numbers

Aligns with *CCSS.MATH.CONTENT.4.NBT.A.2*: Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.

Related Standards

- *CCSS.MATH.CONTENT.2.NBT.A.3*: Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.
- *CCSS.MATH.CONTENT.3.NBT.A.4*: Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.
- *CCSS.MATH.CONTENT.4.NBT.A.1*: Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that $700 \div 70 = 10$ by applying concepts of place value and division.
- *CCSS.MATH.CONTENT.4.NBT.A.3*: Use place value understanding to round multi-digit whole numbers to any place.
- *CCSS.MATH.CONTENT.5.NBT.A.3*: Read, write, and compare decimals to thousandths.
 - *CCSS.MATH.CONTENT.5.NBT.A.3.A*: Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.
 - *CCSS.MATH.CONTENT.5.NBT.A.3.B*: Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.



Objectives

In this module, you will learn and practice the following skills:

- Read numbers expressed using base-ten numerals, expanded form, and number names.
- Write numbers using base-ten numerals, expanded form, and number names.
- Compare multi-digit numbers.

Let's get started!

Key Terms

- **Place value** is the value of a digit, based on its position in a number.
- **Base-ten numerals** are the digits 0 to 9.
- **Expanded form** expresses numbers with the sum of the place values of the digits.
- A **number name** expresses numbers with words.

PREVIEW

