

G5 Playlist: Compare Decimals to Thousandths

Aligns with *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.

Related Standards

- 5.NBT.A.3.a: Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.
- 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.

PREVIEW



Objectives

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

- Compare decimals to thousandths
- Properly use greater than ($>$), equal to ($=$), and less than ($<$) symbols

Let's get started!

Key Terms

- The **tenths** place is the digit just to the right of the decimal.
- The **hundredths** is just to the right of the tenths place and two places to the right of the decimal.
- The **thousandths** is just to the right of the hundredths place and three places to the right of the decimal.
- **Place value** is the value of where a digit is in a number.

PREVIEW



Compare Decimals to Thousandths

(5.NBT.A.3.b)

The **tenths** place is the digit just to the right of the decimal. The **hundredths** is just to the right of the tenths place and two places to the right of the decimal. The **thousandths** is just to the right of the hundredths place and three places to the right of the decimal. **Place value** is the value of where a digit is in a number.

If your students...

Have problems comparing and ordering simple decimals

WATCH: Compare and Order Decimals to the Thousandths Place

https://www.youtube.com/watch?v=jsEDue_gjKo&list=PLnlkFmW0ticNgFOdoET62HdEP88VHzUDM&index=5

For extra practice with multiplying or dividing numbers by powers of 10:

PLAY: Comparing Fractions and Decimals Using $<$, $>$, or $=$

<http://mrnussbaum.com/comparedec/>

PLAY: Fruit Splat: Compare Decimals

<http://www.sheppardsoftware.com/mathgames/decimals/CompareDecimals.htm>

