



Understanding and Comparing Decimals

Today's Standard

5.NBT.A3 - Read, write, and compare decimals to thousandths.

Cues	Notes
What is a decimal?	A decimal is a way of representing fractions using place value.
How do you read and write decimals?	Decimals are read from left to right, identifying each place value (tenths, hundredths, thousandths).
How do you compare decimals?	Compare decimals by looking at the highest place value first (tenths, hundredths, thousandths).
What are common misconceptions about decimals?	Common misconceptions include thinking longer decimals are larger and confusing place values (e.g., 0.3 vs. 0.03).

Summary

Decimals represent fractions in a place value system. Understanding how to read, write, and compare them is essential for advanced math and real-world applications. Common misconceptions can be addressed through visual aids and hands-on activities.