



### Ordering Rational Numbers

#### Today's Standard

6.NS.C7b - Write, interpret, and explain statements of order for rational numbers in real-world contexts. For example, write  $-3^{\circ}\text{C} > -7^{\circ}\text{C}$  to express the fact that  $-3^{\circ}\text{C}$  is warmer than  $-7^{\circ}\text{C}$ .

Cues	Notes
What are rational numbers?	Rational numbers include integers, fractions, and decimals.
How do you compare negative numbers?	To compare negative numbers, consider their position relative to zero on a number line.
What is a number line?	A number line is a visual representation of numbers in a straight line where each point corresponds to a number.
Why is $-3^{\circ}\text{C}$ warmer than $-7^{\circ}\text{C}$ ?	$-3^{\circ}\text{C}$ is warmer than $-7^{\circ}\text{C}$ because $-3$ is closer to zero on the number line, indicating a higher temperature.

#### Summary

Understanding how to order rational numbers helps in comparing values in real-world contexts, such as temperatures and financial data.