Proactive Instruction

Place Value Relationships

Today's Standard

5.NBT.A1 - Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.

Cues	Notes
Place value	Place value determines the value of a digit based on its position.
Digit value	A digit in one place represents 10 times what it represents in the place to its right.
Multiplication by 10	
Division by 10	A digit in one place represents 1/10 of what it represents in the place to its left.
Real-world examples	Understanding place value is crucial for operations with large numbers and decimals.
	Real-world examples include money, measurements, and data interpretation.

Summary

Understanding place value helps students recognize how the value of digits changes based on their position, which is essential for performing arithmetic operations and solving real-world problems.