



Place Value and Division

Today's Standard

4.NBT.A1 - 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.

Cues	Notes
Place value	Place value determines the value of a digit based on its position.
Digit value	A digit in one place is ten times the value of the same digit in the place to its right.
Division by ten	Understanding place value is key to performing operations with large numbers.
Multi-digit numbers	
Examples	Example: In $700 \div 70 = 10$, the digit 7 in the hundreds place represents 700. Practice with real-world examples helps reinforce these concepts.

Summary

Understanding place value is essential for working with multi-digit numbers. A digit's value changes based on its position, which is crucial for operations like division by ten.