

5th Grade

Chapters 3 & 4:

Decimals and Decimal Operations

Learning Targets:



- Use decimals to express metric measurements
- Use decimals to express large numbers (i.e., 2.6 billion)
- Convert numbers between standard and scientific notation
- Add and subtract decimals
- Multiply decimals by whole numbers
- Multiply decimals by decimals
- Divide decimals by whole numbers
- Divide decimals by decimals
- Explain decimal placement in multiplication and division
- Estimate with decimals
- Evaluate variable expressions using decimals
- Multiply and divide by powers of ten
- Convert between metric units
- Differentiate between metric units of weight, mass, and capacity
- Identify and explain the Associative and Commutative Properties

Key Vocabulary:

decimal

front-end estimation

scientific notation

standard notation

Associative Property

Commutative

Property

capacity

volume

gram

liter

meter

Metric System

centi-

deci-

deka-

hecto-

kilo-

milli-

