



# Fifth Grade

concepts & tools

5.NR.1: Use place value understanding to solve real-life, mathematical problems.

Base Ten Blocks

Place Value Patterns

Powers of Ten



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**5.NR.2: Multiply and divide multi-digit whole numbers to solve relevant, mathematical problems.**

Tape Diagram

Interpret and Draw a Tape Diagram

Solve with a Tape Diagram



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**5.NR.3: Describe fractions and perform operations with fractions to solve relevant, mathematical problems using part-whole strategies and visual models.**

Area Model

Multiplying Fractions with an Area Model



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**5.NR.4: Read, write, and compare decimal numbers to the thousandths place, and round and perform operations with decimal numbers to the hundredths place to solve relevant, mathematical problems.**

Base Ten Blocks

Model Decimals

Add or Subtract Decimals



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5.NR.5: Write, interpret, and evaluate numerical expressions within authentic problems.

## Area Model

Using an Area Model to show the Distributive Property

Apply the Distributive Property to an Area Model



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**5.PAR.6: Solve relevant problems by creating and analyzing numerical patterns using the given rule(s).**

## Coordinate Plane

Introduction to Coordinate Planes

Ordered Pairs and Points in the Coordinate Plane

Plot and Label Points in a Coordinate Plane

Use Ordered Pairs to Represent Data