



5-Place Value & Expressions

Standards

5.OA.1, 5.OA.2, 5.NBT.2, 5.NBT.1

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.OA.A: Write and interpret numerical expressions
- 5.NBT.A: Understand the place value system

I can

- **I can** describe the relationship between two place-value positions.
- **I can** read, write, & represent whole numbers through hundred millions.
- **I can** use properties of operations to solve problems.
- **I can** write & evaluate repeated factors in exponent form.
- **I can** write numerical expressions
- **I can** use the order of operations to evaluate numerical expressions.
- **I can** evaluate numerical expressions with parentheses, brackets, & braces.

Vocab

Content: period, place value, distributive property, base, exponent, numerical expression, evaluate, order of operations, brackets

Academic: describe, identify, illustrate, evaluate.



5-Multiply & Divide Whole Numbers

Standards

5.NBT.5, 5.NBT.6, 5.NF.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NBT.B: Perform operations with multi-digit whole numbers and with decimals to hundredths

I can

- **I can** use a pattern to multiply mentally by multiples of 10, 100, & 1,000.
- **I can** multiply by multi-digit numbers.
- **I can** use multiplication to solve division problems.
- **I can** estimate quotients.
- **I can** use strategies to divide by 2-digit divisors.
- **I can** solve division problems and decide when to write a remainder as a fraction.
- **I can** solve division problems.

Vocab

Content: multiply, factor, product, inverse operation, quotient, dividend, divisor, quotient.
Academic: solve, pattern, describe, estimate, apply, compare



5-Add & Subtract Decimals

Standards

5.NBT.3, 5.NBT.7

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NBT.B: Perform operations with multi-digit whole numbers and with decimals to hundredths
- 5.NBT.A: Understand the place value system

I can

- I can

Vocab

Content: thousandth, hundredth, tenth, place value, round, benchmark, sequence, term
Academic: compare, investigate, estimate



5-Multiply Decimals

Standards

5.NBT.7

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NBT.B: Perform operations with multi-digit whole numbers and with decimals to hundredths

I can

- **I can** find patterns in products when multiplying by powers of 10.
- **I can** use a model to multiply a whole number and a decimal.
- **I can** multiply a decimal and a whole number using properties, place value, and expanded form.
- **I can** solve problems using the strategy draw a diagram to multiply money.
- **I can** model multiplication of decimals.
- **I can** place the decimal point in decimal multiplication.
- **I can** multiply decimals with zeros in the product.

Vocab

Content: decimal, hundredths, multiplication, ones, pattern, place value, product, tenths, thousandths

Academic: solve, apply



5-Divide Decimals

Standards

5.NBT.7

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NBT.B: Perform operations with multi-digit whole numbers and with decimals to hundredths

I can

- **I can** find patterns to help me place the decimal point in a quotient.
- **I can** use models to divide a decimal by a whole number.
- **I can** estimate decimal quotients.
- **I can** divide decimals by whole numbers.
- **I can** place the decimal point in decimal division.
- **I can** write a zero in the dividend to find a quotient.
- **I can** solve multistep problems with decimals.

Vocab

Content: decimal, decimal point, dividend, divisor, exponent, quotient, hundredth, tenth, compatible numbers, estimate, equivalent fractions, remainder, expanded form

Academic: solve, apply



5-Add & Subtract Fractions

Standards

5.NF.1, 5.NF.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NF.A: Use equivalent fractions as a strategy to add and subtract fractions

I can

- **I can** use models to add and subtract fractions with unlike denominators
- **I can** make estimates of fraction sums and differences
- **I can** find a common denominator to write equivalent fractions
- **I can** use equivalent fractions to add and subtract fractions
- **I can** add and subtract mixed numbers with unlike denominators
- **I can** rename to find the difference of two mixed numbers

Vocab

Content: sum, difference, benchmark, common denominator, common multiples, equivalent fractions, simplest form, mixed number

Academic: solve, apply, estimate



5-Multiply Fractions

Standards

5.NF.4, 5.NF.4b, 5.NF.5, 5.NF.6

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NF.B: Apply and extend previous understandings of multiplication and division to multiply and divide fractions

I can

- I can find part of group
- I can model the product of a fraction and a whole number
- I can multiply fractions and whole numbers
- I can multiply fractions using models
- I can compare fraction factors and products
- I can multiply fractions
- I can multiply mixed numbers
- I can solve real world problems involving multiplication of fractions and mixed numbers
- I can interpret multiplication as scaling.

Vocab

Content: denominator, numerator, product, equivalent fraction, simplest form, mixed number

Academic: solve, apply, compare



5-Divide Fractions

Standards

5.NF.7

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.NF.B: Apply and extend previous understandings of multiplication and division to multiply and divide fractions

I can

- **I can** divide a whole number by a fraction.
- **I can** use visual fraction models to represent the quotient and problem.
- **I can** see how a fraction represents division.
- **I can** solve real word problems involving division of fractions by a whole number and a whole number divided by a fraction.

Vocab

Content: dividend, fraction, quotient, whole number, equation

Academic: solve, apply, represent



5-Graphing

Standards

5.MD.2, 5.G.1, 5.G.2, 5.OA.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.MD.B: Represent and interpret data
- 5.G.A: Graph points on the coordinate plane to solve real-world and mathematical problems
- 5.OA.A.: Write and interpret numerical expressions

I can

- **I can** make and use line plots with fractions to solve problems.
- **I can** graph and name points on a coordinate grid using ordered pairs.
- **I can** collect and graph data on a coordinate grid.
- **I can** analyze and display data in a line graph.
- **I can** identify a relationship between two numerical patterns.
- **I can** solve problems using the strategy solve a simpler problem.

Vocab

Content: data, line plot, ordered pair, origin, x-axis, x-coordinate, y-axis, y-coordinate, degree Fahrenheit, interval, line graph, scale.

Academic: collect, analyze, identify, solve



5-Convert Units of Measure

Standards

5.MD.1

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.MD.A: Convert like measurement units within a given measurement system

I can

- **I can** compare and convert units of length.
- **I can** compare and convert units of capacity.
- **I can** compare and convert units of weight.
- **I can** use measurement conversions to help solve multistep problems.
- **I can** compare metric units.
- **I can** solve metric conversions using tables.
- **I can** solve elapsed time problems.

Vocab

Content: foot, inch, mile, yard, capacity, cup, fluid ounce, gallon, pint, quart, ounce, pound, ton, weight, dekameter, centimeter, decimeter, gram, kilogram, kilometer, liter, mass, meter, milligram, milliliter, elapsed time.

Academic: compare, convert, solve



5-Geometry & Volume

Standards

5.G.3, 5.G.4, 5.MD.3, 5.MD.4, 5.MD.5

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 5.G.B: Classify two-dimensional figures into categories based on their properties
- 5.MD.C: Geometric measurement: understand concepts of volume and relate volume to multiplication and addition

I can

- **I can** identify and classify polygons.
- **I can** classify and draw triangles using their properties.
- **I can** classify and compare quadrilateral using their properties.
- **I can** count unit cubes that fill a solid figure to find volume.
- **I can** estimate the volume of a rectangular prism.
- **I can** find volume of a rectangular prism.
- **I can** use a formula to find the volume of a rectangular prism.
- **I can** find the volume of combined rectangular prisms.

Vocab

Content: congruent, heptagon, nonagon, polygon, regular polygon, decagon, hexagon, octagon, pentagon, quadrilateral, equilateral triangle, isosceles triangle, scalene triangle, acute triangle, obtuse triangle, right triangle, parallel lines, parallelogram, perpendicular lines, rectangle, rhombus, trapezoid, base, decagonal prism, hexagonal prism, lateral face, octagonal prism, pentagonal prism, pentagonal pyramid, polyhedron, prism, pyramid, unit cube, cubic unit, volume

Academic: classify, estimate, identify