



4-Place Value, Addition, & Subtraction to 1 Million

Standards

4.NBT.1, 4.NBT.2, 4.NBT.3, 4.NBT.4

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.NBT.A: Generalize place value understanding for multi-digit whole numbers.
- 4.NBT.B: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** use the base ten place value system.
- **I can** read and write whole numbers in standard form, word form, and expanded form through one million.
- **I can** compare and order whole numbers.
- **I can** round a whole number to any place.
- **I can** add & subtract whole numbers.

Vocab

Content: digit, place value, expanded form, period, standard form, word form, sum, compare, greater than, less than, order, $<$, $>$, estimate, round, regroup, addend, difference, properties of operations

Academic: expand, compare



4-Multiply Numbers

Standards

4.OA.1, 4.OA.2, 4.OA.3, 4.NBT.5

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.OA.A: Use the four operations with whole numbers to solve problems
- 4.NBT.B: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** identify multiplication comparisons.
- **I can** use place value concepts for multi-digit whole numbers.
- **I can** estimate products by rounding,
- **I can** multiply single digit numbers.
- **I can** multiply up to 4-Digit numbers by 1-Digit numbers.
- **I can** solve multistep problems word problem.
- **I can** multiply by tens.
- **I can** estimate products.
- **I can** multiply 2-Digit by 1 Digit numbers.

Vocab

Content: factor, product, equal groups, distributive property, estimate, round, expanded form, associative property, place area model, groups,

Academic: identify, solve, fluent



4-Divide 1-Digit Numbers

Standards

4.NBT.6, 4.OA.2, 4.OA.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.OA.A: Use the four operations with whole numbers to solve problems
- 4.NBT.B: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** use multiples to estimate quotients.
- **I can** interpret remainders in division problems.
- **I can** solve multi-digit division problems with 1-digit divisors.

Vocab

Content: multiple, factor, multiplication, product, remainder, divide dividend, division, divisor, quotient, partial quotient

Academic: interpret, solve



4-Factors, Multiples, & Patterns

Standards

4.OA.4, 4.OA.5

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.OA.B: Finds and identifies, factors, multiples, prime and composite numbers
- 4.OA.C: Generate and analyze patterns

I can

- **I can** identify factors of a number.
- **I can** determine whether a number is a factor of a given number.
- **I can** solve problems with common factors by making a list.
- **I can** understand the relationship between factors and multiples.
- **I can** determine if a number is prime or composite.
- **I can** generate a number pattern and describe features of the pattern.

Vocab

Content: factor, divisible, common factor, common multiple, composite number, prime number, pattern, term

Academic: identify, determine, understand, generate, describe



4-Fraction Equivalence & Comparison

Standards

4.NF.1, 4.NF.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.NF.A: Extend understanding of fraction equivalence and ordering

I can

- **I can** write and identify equivalent fractions.
- **I can** create equivalent fractions.
- **I can** write and identify equivalent fractions in simplest form.
- **I can** use equivalent fractions to represent a pair of fractions as fractions with a common denominator.
- **I can** compare and order fractions.

Vocab

Content: equivalent fractions, denominator, fraction, numerator, equivalent fractions, simplest form, common denominator, benchmark, multiple, common multiple

Academic: extend, compare



4-Add & Subtract Fractions

Standards

4.NF.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.NF.B: Building fractions from unit fractions by applying and extending previous understandings of operations on whole numbers

I can

- **I can** decompose fractions.
- **I can** find sums and differences of fractions with the same denominators.
- **I can** solve word problems involving addition and subtraction with fractions.
- **I can** add and subtract mixed numbers.
- **I can** add mixed numbers with regrouping.
- **I can** subtract mixed number with regrouping.
- **I can** use addition and subtraction to solve multistep fraction problems.

Vocab

Content: unit fraction, mixed number, simplest form

Academic: decompose, solve, apply



4-Multiply Fractions by Whole Numbers

Standards

4.NF.4

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.NF.B: Building fractions from unit fractions by applying and extending previous understandings of operations on whole numbers

I can

- **I can** multiply unit fractions.

Vocab

Content: unit fraction

Academic: apply, extend



4-Relate Fractions & Decimals

Standards

4.NF.5, 4.NF.6, 4.NF.7, 4.MD.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.NF.C: Understand decimal notation for fractions, and compare decimal fractions
- 4.MD.A: Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit

I can

- **I can** record tenths and hundredths as fractions and decimals.
- **I can** relate fractions, decimals, and money.
- **I can** add fractions when denominators are 10 or 100.
- **I can** compare decimals to hundredths by reasoning about their size.

Vocab

Content: decimal, decimal point, tenth, hundredth, equivalent decimals

Academic: record, relate, compare



4-Two-Dimensional Figures

Standards

4.G.1, 4.G.2, 4.G.3, 4.OA.5

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.G.A: Draw and identify lines and angles, and classify shapes by properties of their lines and angles
- 4.OA.C: Generate and analyze patterns

I can

- **I can** Identify and draw points, lines, line segments, rays, and angles.
- **I can** classify triangles by the size of their angles.
- **I can** identify and draw parallel lines and perpendicular lines.
- **I can** sort and classify quadrilaterals
- **I can** determine if a figure has a line of symmetry.
- **I can** identify and draw lines of symmetry in figures.

Vocab

Content: acute angle, obtuse angle, angle, line, line segment, point, ray, right angle, straight angle, acute triangle, obtuse triangle, right triangle, intersecting lines, parallel lines, perpendicular lines, parallelogram, rectangle, rhombus, square, trapezoid, line of symmetry

Academic: identify, classify, sort, generate



4-Measurement Units

Standards

4.MD.1, 4.MD.2, 4.MD.4

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.MD.A: Solve problems involving measurements and conversion of measurements from a larger unit to a smaller unit
- 4.MD.B: Represent and interpret data with line plots

I can

- **I can** use benchmarks to understand the relative sizes of measurement units.
- **I can** compare customary units of length, weight, and liquid volume.
- **I can** make and interpret line plots with fractional data.
- **I can** compare metric units of length, mass and liquid volume.
- **I can** compare length of time.
- **I can** solve elapsed time problems.
- **I can** solve problems involving mixed measures.
- **I can** use patterns to write number pairs for measurement units.

Vocab

Content: kilometer, mile, benchmark, foot, inch, weight, yard, ounce, pound, ton, cup, fluid ounce, gallon, half gallon, liquid volume, pint, quart, line plot, decimeter, millimeter, centimeter, meter, gram, kilogram, liter, second, day, hour, minute, month, week, year, A.M., elapsed time, P.M.

Academic: compare, interpret, represent



4-Perimeter & Area

Standards

4.MD.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 4.MD.A: Solve problems involving measurements and conversion of measurements from a larger unit to a smaller unit

I can

- **I can** find the perimeter of a rectangle.
- **I can** find the area of a rectangle.
- **I can** find the area of combined rectangles.
- **I can** find an unknown measure of a rectangle given its area or perimeter.

Vocab

Content: formula, perimeter, centimeter, foot, inch, length, meter, width, yard, area, base, height, square unit, kilometer, mile

Academic: measure, convert