



3-Addition & Subtraction within 1,000

Standards

3.OA.8, 3.OA.9, 3.NBT.1, 3.NBT.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.OA.D: Solve problems involving four operations, and identify and explain patterns in arithmetic
- 3.NBT.A: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** identify and describe number patterns and solve problems using properties of operations.
- **I can** round numbers to the nearest ten or hundred.
- **I can** use place value to add and subtract 4-digit numbers.
- **I can** solve two-step addition and subtraction word problems.

Vocab

Content: round, place value, sum, difference

Academic: explain, solve, add, subtract



3-Represent & Interpret Data

Standards

3.MD.3, 3.MD.4, 3.OA.8, 3.NBT.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.MD.B: Represent and interpret data
- 3.OA.D: Solve problems involving four operations, and identify and explain patterns in arithmetic
- 3.NBT.A: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** read and interpret data on a graph (line plots, bar graphs, picture graphs.)
- **I can** create different types of graphs (line plots, bar graphs, picture graphs.)
- **I can** use all 4 operations to solve 2-step word problems.

Vocab

Content: frequency table, data, tally table, key, picture graph, experiment, survey, bar graph, horizontal bar graph, scale, vertical bar graph, skip count, line plot

Academic: explain, interpret, create, solve



3-Understand Multiplication Facts & Strategies

Standards

3.OA.1, 3.OA.3, 3.OA.5, 3.OA.7, 3.OA.8, 3.OA.9

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.OA.A: Represent and solve problems involving multiplication and division
- 3.OA.B: Understand properties of multiplication and the relationship between multiplication and division
- 3.OA.C: Multiply and divide within 100
- 3.OA.D: Solve problems involving the four operations, and identify and explain patterns in arithmetic

I can

- **I can** represent and solve problems involving multiplication and division.
- **I can** demonstrate understanding of the relationship between multiplication and division.
- **I can** multiply and divide within 100.
- **I can** solve problems involving the four operations, and identify and explain patterns in arithmetic.

Vocab

Content: equal groups, factor, multiply, product, addition, array

Academic: solve, demonstrate, explain



3-Use Multiplication Facts

Standards

3.OA.4, 3.OA.9, 3.NBT.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.OA.A: Represent and solve problems involving multiplication and division
- 3.OA.D: Solve problems involving the four operations, and identify and explain patterns in arithmetic
- 3.NBT.A: Use place value understanding and properties of operations to perform multi-digit arithmetic

I can

- **I can** represent and solve problems involving multiplication and division.
- **I can** solve problems involving the four operations, and identify and explain patterns in arithmetic.
- **I can** use all 4 operations to solve 2-step word problems.

Vocab

Content: factor, product, multiple, addends, sum, even, odd, subtraction, pattern, equation, array, hundreds, ones, tens, place value

Academic: represent, solve, demonstrate, explain



3-Understand Division Facts & Strategies

Standards

3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6
3.OA.7, 3.OA.8

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.OA.A: Represent and solve problems involving multiplication and division
- 3.OA.B: Understand properties of multiplication and the relationship between multiplication and division
- 3.OA.C: Multiply and divide within 100
- 3.OA.D: Solve problems involving the four operations, and identify and explain patterns in arithmetic

I can

- **I can** represent and solve problems involving multiplication and division.
- **I can** understand the relationship between multiplication and division.
- **I can** multiply and divide within 100.
- **I can** solve problems involving the four operations, and identify and explain patterns in arithmetic.

Vocab

Content: divide, equal groups, dividend, divisor, quotient, array, inverse operations, related facts, factor, product

Academic: represent, solve, demonstrate, explain



3-Understanding & Comparing Fractions

Standards

3.NF.1, 3.NF.2, 3.NF.3

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.NF.A: Develop understandings of fractions as numbers

I can

- **I can** recognize that a fraction is equal parts of a whole.
- **I can** represent a fraction with the correct number of equal parts shaded and unshaded.
- **I can** identify, utilize, and create fractions on a number line.
- **I can** compare fractions using greater than, less than, and equal to.

Vocab

Content: eighths, equal parts, fourths, halves, sixths, thirds, whole, fraction, unit fraction, denominator, numerator, fractions greater than one, compare, equal to, greater than, less than, order, equivalent, equivalent fractions

Academic: represent, create, compare



3-Perimeter & Area

Standards

3.MD.5, 3.MD.6, 3.MD.7, 3.MD.8

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.MD.B: Represent and interpret data
- 3.MD.C: Geometric measurement: understand concepts of area and relate area to multiplication and to addition

I can

- **I can** find the area of a rectangle using square tiles and also by multiplying the two side lengths.
- **I can** recognize perimeter as the distance around an object.
- **I can** find the perimeter of a plane shape given the side lengths and also with one unknown side length.

Vocab

Content: perimeter, area, square unit, unit square, multiplication, repeated addition, pattern

Academic: represent, interpret, solve



3 - 2-Dimensional Shapes

Standards

3.G.1, 3.G.2

Resources

Textbook: HMH: Go Math
MobyMax

FOCUS Standards

- 3.G.A: Reason with shapes and their attributes

I can

- **I can** compare plane shapes using attributes such as number of sides and angles.

Vocab

Content: closed shape, endpoint, line, line segment, open shape, plane shape, point, ray, two-dimensional shape, angle, right angle, vertex, decagon, hexagon, octagon, pentagon, polygon, quadrilateral, side, triangle, intersecting lines, parallel lines, perpendicular lines, rectangle, rhombus, square, trapezoid, Venn diagram, area, unit fractions

Academic: compare, explain