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# honors grade 7 math

# Content, Standards, & Objectives

This document contains an ordered list of all of the topics from the scope and sequence of Thinkwell's Honors Grade 7 Math, along with the learning objectives covered in each topic and the corresponding standards.

Although Thinkwell's Honors Grade 7 Math was not designed as a common core curriculum, this document is provided for those customers whose state homeschool requirements include common core standard mapping information.

#### Example:

Topic's number and title —> 3.1.3 Multiplying Decimals

**Learning Objectives:** 

Topic's learning objectives — • multiplying decimals

• evaluating expressions involving multiplication of decimals

Topic's related standard from
the Grade 7

Common Core State Standards
for Mathematics

Standards:

7.NS: 2; 7.NS: 2a

We suggest keeping this document handy. Please let us know if you have any questions about the content here. Email us at <a href="mailto:support@thinkwell.com">support@thinkwell.com</a>.



## 1 Algebraic Reasoning

## 1.1 Patterns, Operations, and Properties

#### 1.1.1 Numbers and Patterns

## **Learning Objectives:**

- identifying and extending number patterns
- identifying and extending geometric sequences
- using tables to identify and extend patterns

## 1.1.2 Exponents

#### **Learning Objectives:**

- evaluating powers
- expressing whole numbers as powers
- culinary application

## 1.1.3 Applying Exponents: Scientific Notation

## **Learning Objectives:**

- multiplying by powers of ten
- writing numbers in scientific notation
- writing numbers in standard form
- comparing numbers in scientific notation

#### 1.1.4 Order of Operations

#### **Learning Objectives:**

- using the order of operations
- using the order of operations with grouping symbols
- fiesta application

### 1.1.5 Properties

#### **Learning Objectives:**

- identifying properties of addition and multiplication
- using properties to simplify expressions
- using the distributive property to multiply mentally

## 1.2 Algebraic Expressions and Equations

## 1.2.1 Variables and Algebraic Expressions

- evaluating algebraic expressions
- evaluating algebraic expressions involving order of operations
- evaluating algebraic expressions with two variables

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#### 1.2.2 Translate Words into Math

#### **Learning Objectives:**

- translating verbal expressions into algebraic expressions
- translating real-world problems into algebraic expressions

## 1.2.3 Simplifying Algebraic Expressions

## **Learning Objectives:**

- identifying like terms
- simplifying algebraic expressions
- geometry application

#### Standards:

7.EE: 1; 7.EE: 2

## 1.2.4 Equations and Their Solutions

### **Learning Objectives:**

- determining whether a number is a solution of an equation
- writing an equation to determine whether a number is a solution
- deriving a real-world situation from an equation

#### Standards:

7.EE: 4

### 1.2.5 Addition and Subtraction Equations

### **Learning Objectives:**

- solving an equation by addition
- solving an equation by subtraction
- finance application

#### Standards:

7.EE: 4

### 1.2.6 Multiplication and Division Equations

### **Learning Objectives:**

- solving an equation by multiplication
- solving an equation by division
- health application

#### Standards:

7.EE: 4



## 2 Integers and Rational Numbers

## 2.1 Integers

## 2.1.1 Integers

## **Learning Objectives:**

- graphing integers
- comparing integers using a number line
- ordering integers using a number line
- finding absolute value

#### Standards:

7.NS: 1b

## 2.1.2 Adding Integers

## **Learning Objectives:**

- modeling integer addition
- adding integers using absolute values
- evaluating expressions with integers
- business application

#### Standards:

7.NS: 1; 7.NS: 1a; 7.NS: 1b

## 2.1.3 Subtracting Integers

#### **Learning Objectives:**

- modeling integer subtraction
- subtracting integers by adding the opposite
- evaluating expressions with integers
- geography application

## **Standards:**

7.NS: 1; 7.NS: 1a; 7.NS: 1c

## 2.1.4 Multiplying and Dividing Integers

## **Learning Objectives:**

- multiplying integers using repeated addition
- multiplying integers
- dividing integers
- travel application

#### Standards:

7.NS: 1; 7.NS: 2b

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## 2.1.5 Solving Equations Containing Integers

## **Learning Objectives:**

- solving addition and subtraction equations
- solving multiplication and division equations
- business application

#### **Standards:**

7.NS: 2; 7.NS: 3; 7.EE: 4

## 2.2 Factors and Multiples

#### 2.2.1 Prime Factorization

#### **Learning Objectives:**

- identifying prime and composite numbers
- using a factor tree to find prime factorization
- using a step diagram to find prime factorization

#### 2.2.2 Greatest Common Factor

## **Learning Objectives:**

- using a list to find the gcf
- using prime factorization to find the gcf
- problem-solving application

### 2.2.3 Least Common Multiple

### **Learning Objectives:**

- using a list to find the lcm
- using prime factorization to find the lcm
- recreation application

#### 2.3 Rational Numbers

## 2.3.1 Equivalent Fractions and Mixed Numbers

- finding equivalent fractions
- writing fractions in simplest form
- determining whether fractions are equivalent
- converting between improper fractions and mixed numbers





## 2.3.2 Equivalent Fractions and Decimals

## **Learning Objectives:**

- writing fractions as decimals
- writing fractions as terminating and repeating decimals
- writing decimals as fractions
- dog-training application

#### **Standards:**

7.NS: 2d

## 2.3.3 Comparing and Ordering Rational Numbers

- comparing fractions
- comparing decimals
- ordering fractions and decimals



## **3 Operations with Rational Numbers**

## 3.1 Operations with Decimals

## 3.1.1 Rounding and Estimating Decimals

## **Learning Objectives:**

- rounding monetary values
- rounding decimals
- rounding decimals to estimate sums

## 3.1.2 Adding and Subtracting Decimals

### **Learning Objectives:**

- adding and subtracting decimals
- using a number line to add decimals
- evaluating expressions with decimals

#### Standards:

7.NS: 1; 7.NS: 1b

## 3.1.3 Multiplying Decimals

#### **Learning Objectives:**

- multiplying decimals
- evaluating expressions involving multiplication of decimals

#### **Standards:**

7.NS: 2; 7.NS: 2a

## 3.1.4 Dividing Decimals by Whole Numbers

### **Learning Objectives:**

- dividing decimals by whole numbers
- rounding a decimal quotient
- problem-solving application

#### **Standards:**

7.NS: 2; 7.NS: 2b; 7.NS: 2d; 7.NS: 3

### 3.1.5 Dividing Decimals

## **Learning Objectives:**

- dividing decimals
- evaluating expressions with fractions and decimals
- evaluating expressions involving division of decimals

#### Standards:

7.NS: 2; 7.NS: 2a

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## 3.2 Operations with Fractions

## 3.2.1 Estimating Fraction Sums and Differences

## **Learning Objectives:**

- estimating fractions
- sports application

#### Standards:

7.NS: 1

## 3.2.2 Multiplying Fractions and Mixed Numbers

#### **Learning Objectives:**

- multiplying fractions
- problem-solving application
- multiplying a fraction and a mixed number by an integer
- multiplying mixed numbers

#### Standards:

7.RP: 1; 7.NS: 2; 7.NS: 2a; 7.NS: 2c

## 3.2.3 Dividing Fractions and Mixed Numbers

### **Learning Objectives:**

- introduction to dividing with fractions
- problem-solving application
- evaluating expressions with division of fractions and mixed numbers

#### Standards:

7.NS: 2; 7.NS: 2a; 7.NS: 2b; 7.NS: 3

## 3.2.4 Adding and Subtracting Fractions and Mixed Numbers

#### **Learning Objectives:**

- adding and subtracting fractions with like denominators
- adding and subtracting fractions with unlike denominators
- evaluating expressions with fractions

#### **Standards:**

7.NS: 1; 7.NS: 1b; 7.NS: 1c; 7.NS: 3

## 3.2.5 Solving Equations with Rational Numbers

#### **Learning Objectives:**

- solving equations with decimals
- solving equations with fractions
- solving word problems using equations

#### **Standards:**

7.NS: 1; 7.NS: 2; 7.NS: 3; 7.EE: 4



## 4 Proportional Relationships

## 4.1 Ratios, Rates, and Proportions

#### 4.1.1 Ratios

## **Learning Objectives:**

- writing ratios
- writing ratios in simplest form
- comparing ratios

#### Standards:

7.RP: 2

#### **4.1.2 Rates**

#### **Learning Objectives:**

- finding unit rates
- finding average speed
- consumer math application

#### **Standards:**

7.RP: 1; 7.RP: 2; 7.RP: 2a; 7.RP: 2b

## 4.1.3 Identifying and Writing Proportions

## **Learning Objectives:**

- comparing ratios in simplest form
- comparing ratios using a common denominator
- finding equivalent ratios and writing proportions

#### **Standards:**

7.RP: 2; 7.RP: 2a

### 4.1.4 Solving Proportions

#### **Learning Objectives:**

- solving proportions using cross products
- problem-solving application

#### **Standards:**

7.RP: 2; 7.EE: 4

#### 4.2 Measurement

#### 4.2.1 Customary Measurement

#### **Learning Objectives:**

- choosing the appropriate customary unit
- converting customary units
- adding or subtracting mixed units of measure

#### Standards:

7.RP: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4

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#### 4.2.2 Metric Measurements

#### **Learning Objectives:**

- introduction to the metric system
- converting metric units
- using unit conversion to make comparisons

#### Standards:

7.RP: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4

## 4.2.3 Dimensional Analysis

#### **Learning Objectives:**

- using conversion factors to solve problems
- converting between metric and customary units
- sports application

#### **Standards:**

7.RP: 2; 7.NS: 2a; 7.NS: 2c; 7.EE: 3; 7.EE: 4

## 4.2.4 Similar Figures and Proportions

#### **Learning Objectives:**

- determining whether two triangles are similar
- determining whether two four-sided figures are similar

#### Standards:

7.RP: 2; 7.RP: 2b; 7.EE: 4

## 4.2.5 Using Similar Figures

#### **Learning Objectives:**

- finding unknown measures in similar figures
- measurement application
- estimating with indirect measurement

#### **Standards:**

7.RP: 2; 7.EE: 4

## 4.2.6 Scale Drawings and Scale Models

## **Learning Objectives:**

- finding a scale factor
- using scale factors to find unknown lengths
- measurement application

#### **Standards:**

7.RP: 1; 7.RP: 2; 7.RP: 2b; 7.EE: 4; 7.G: 1



## **5 Graphs and Functions**

### 5.1 Functions, Tables, and Graphs

#### 5.1.1 The Coordinate Plane

## **Learning Objectives:**

- identifying quadrants on a coordinate plane
- plotting points on a coordinate plane
- identifying points on a coordinate plane

## 5.1.2 Tables and Graphs

## **Learning Objectives:**

- identifying ordered pairs from a table of values
- graphing ordered pairs from a table of values
- education application

#### **Standards:**

7.RP: 2b; 7.RP: 2d

## 5.1.3 Interpreting Graphs

#### **Learning Objectives:**

- relating graphs to situations
- problem-solving application

## 5.1.4 Functions, Tables, and Graphs

## **Learning Objectives:**

- completing a function table
- graphing functions using ordered pairs

## **5.1.5** Find the Pattern in Sequences

#### **Learning Objectives:**

- identifying patterns in sequences
- identifying functions in sequences
- using functions to extend sequences

#### Standards:

7.RP: 2; 7.RP: 2b; 7.RP: 2c; 7.EE: 4

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#### 5.2 Linear Functions

## 5.2.1 Graphing Linear Functions

## **Learning Objectives:**

• graphing linear functions

#### **Standards:**

7.RP: 2; 7.RP: 2b; 7.RP: 2c; 7.EE: 4

#### 5.2.2 Slopes and Rates of Change

### **Learning Objectives:**

- identifying the slope of a line
- using slope and a point to graph a line
- identifying rates of change in graphs
- using rates of change to solve problems

#### Standards:

7.RP: 2; 7.RP: 2b; 7.RP: 2d

#### 5.2.3 Slope-Intercept Form

## **Learning Objectives:**

- finding x- and y-intercepts
- graphing by using slope and y-intercept
- writing an equation in slope-intercept form
- using slope-intercept form

#### **Standards:**

7.RP: 2b; 7.RP: 2d

## 5.2.4 Direct Variation

#### **Learning Objectives:**

- identifying a direct variation from an equation
- identifying a direct variation from a table
- identifying a direct variation from a graph
- recreation application

## **Standards:**

7.RP: 2; 7.RP: 2a; 7.RP: 2b; 7.RP: 2c; 7.RP: 2d; 7.NS: 2b

## 5.2.5 Inverse Variation

#### **Learning Objectives:**

- identifying an inverse variation
- geometry application
- identifying a graph of an inverse variation

#### Standards:

7.RP: 2; 7.RP: 2a; 7.RP: 2b



### **6 Percents**

## **6.1 Proportions and Percents**

#### 6.1.1 Percents

## **Learning Objectives:**

- modeling percents
- writing percents as fractions
- life science application
- writing percents as decimals
- biology application

### 6.1.2 Percents, Decimals, and Fractions

## **Learning Objectives:**

- writing decimals as percents
- writing fractions as percents
- drama application

#### **Standards:**

7.NS: 2d

## 6.1.3 Estimating with Percents

## **Learning Objectives:**

- estimating with percents
- problem-solving application
- manufacturing application

#### **Standards:**

7.EE: 3

## **6.1.4 Finding Percents**

### **Learning Objectives:**

- finding the percent one number is of another
- community application
- finding the percent of a number

#### Standards:

7.RP: 3; 7.NS: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4





## **6.2 Applying Percents**

## 6.2.1 Finding a Number When the Percent is Known

## **Learning Objectives:**

- finding a number when the percent is known
- architecture application
- recreation application

#### **Standards:**

7.RP: 3; 7.EE: 4

#### 6.2.2 Percent Increase and Decrease

## **Learning Objectives:**

- finding percent increase or decrease
- business application
- finding discounts and markups

#### Standards:

7.RP: 3; 7.NS: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4

### 6.2.3 Simple Interest

## **Learning Objectives:**

- finding interest and total payment on a loan
- determining the amount of investment time
- computing total savings
- finding the rate of interest

#### **Standards:**

7.RP: 3; 7.NS: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4



## 7 Data

## 7.1 Organizing and Displaying Data

## 7.1.1 Frequency Tables, Stem-and-Leaf Plots, and Line Plots

## **Learning Objectives:**

- organizing and interpreting data in a frequency table
- organizing and interpreting data in a stem-and leaf plot
- organizing and interpreting data in a line plot

## 7.1.2 Mean, Median, Mode, and Range

#### **Learning Objectives:**

- finding the mean, median, mode, and range of a data set
- choosing the best measure to describe a set of data
- exploring the effects of outliers on measures of central tendency

## 7.1.3 Bar Graphs and Histograms

## **Learning Objectives:**

- interpreting a bar graph
- making a double-bar graph
- making a histogram

## 7.1.4 Reading and Interpreting Circle Graphs

#### **Learning Objectives:**

- life science application
- interpreting circle graphs
- choosing an appropriate graph

#### 7.1.5 Box-and-Whisker Plots

#### **Learning Objectives:**

- making a box-and-whisker plot
- comparing box-and-whisker plots

#### **Standards:**

7.SP: 3

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## 7.2 Representing and Analyzing Data

## 7.2.1 Line Graphs

## **Learning Objectives:**

- making a line graph
- using a line graph to estimate data
- making a double-line graph

## 7.2.2 Choosing an Appropriate Display

## **Learning Objectives:**

- choosing an appropriate display
- identifying the most appropriate display

## 7.2.3 Populations and Samples

## **Learning Objectives:**

- analyzing sample methods
- identifying potentially biased samples
- verifying claims based on statistical data

#### **Standards:**

7.RP: 3; 7.SP: 1; 7.SP: 2; 7.EE: 4

#### 7.2.4 Scatter Plots

### **Learning Objectives:**

- making a scatter plot
- determining relationships between two sets of data

## 7.2.5 Misleading Graphs

- social studies application
- analyzing misleading graphs



## **8 Geometric Figures**

## 8.1 Lines and Angles

## 8.1.1 Points, Lines, and Planes

## **Learning Objectives:**

- identifying points, lines, and planes
- identifying line segments and rays

## 8.1.2 Angles and Their Relationships

## **Learning Objectives:**

- identifying and classifying angles
- finding the supplement and the complement of angles
- finding the measure of vertical angles
- applying angle relationships

#### Standards:

7.G: 5

## 8.1.3 Geometric Relationships

## **Learning Objectives:**

• identifying lines in space

## 8.2 Circles and Polygons

### 8.2.1 Classifying Polygons

### **Learning Objectives:**

• identifying parts of circles

### 8.2.2 Classifying Triangles

## **Learning Objectives:**

- identifying polygons
- classifying polygons
- identifying and classifying regular polygons

## 8.2.3 Classifying Quadrilaterals

- classifying triangles
- identifying triangles

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## 8.2.4 Angles in Polygons

## **Learning Objectives:**

- classifying quadrilaterals
- drawing quadrilaterals

#### Standards:

7.EE: 4

#### 8.3 Transformations

## 8.3.1 Congruent Figures

## **Learning Objectives:**

- identifying congruent figures
- identifying congruent triangles
- using congruence to find missing measures

## 8.3.2 Translations, Reflections, and Rotations

## **Learning Objectives:**

- identifying types of transformations
- graphing translations on a coordinate plane
- graphing reflections on a coordinate plane
- graphing rotations on a coordinate plane

#### 8.3.3 Dilations

### **Learning Objectives:**

- identifying dilations
- using a dilation to enlarge a figure
- using a dilation to reduce a figure

#### Standards:

7.RP: 2; 7.RP: 2a; 7.NS: 2; 7.G: 1

## 8.3.4 Symmetry

- identifying line symmetry
- social studies application
- identifying rotational symmetry



## 9 Measurement: Two-Dimensional Figures

## 9.1 Perimeter, Circumference, and Area

## 9.1.1 Accuracy and Precision

#### **Learning Objectives:**

- judging precision of measurements
- identifying significant digits
- using significant digits in addition or subtraction
- using significant digits in multiplication or division

#### **Standards:**

7.NS: 1; 7.NS: 2

#### 9.1.2 Perimeter and Circumference

## **Learning Objectives:**

- finding the perimeter of a polygon
- using properties of a rectangle to find perimeter
- finding the circumference of a circle
- design application

#### Standards:

7.NS: 2; 7.G: 4; 7.EE: 4

## 9.1.3 Area of Parallelograms

#### **Learning Objectives:**

- finding the perimeter of a polygon
- finding the length or width of a rectangle
- finding the area of a parallelogram
- home improvement application

#### **Standards:**

7.NS: 2; 7.G: 6; 7.EE: 3; 7.EE: 4

### 9.1.4 Area of Triangles and Trapezoids

## **Learning Objectives:**

- finding the area of a triangle
- finding the area of a trapezoid
- architecture application

#### **Standards:**

7.NS: 2; 7.G: 6

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#### 9.1.5 Area of Circles

## **Learning Objectives:**

- finding the area of a circle
- social studies application
- measurement application

#### Standards:

7.NS: 2; 7.G: 4; 7.EE: 3

## 9.1.6 Area of Irregular Figures

## **Learning Objectives:**

- estimating the area of an irregular figure
- finding the area of a composite figure
- problem-solving application

#### **Standards:**

7.NS: 2; 7.G: 4; 7.G: 6; 7.EE: 3

## 9.2 Square Roots and the Pythagorean Theorem

## 9.2.1 Squares and Square Roots

## **Learning Objectives:**

- finding squares of numbers
- finding square roots of perfect squares
- estimating square roots
- recreation application

#### Standards:

7.EE: 4

## 9.2.2 The Pythagorean Theorem

### **Learning Objectives:**

- calculating the length of a side of a right triangle
- problem-solving application

#### Standards:

7.EE: 4



## 10 Measurement: Three-Dimensional Figures

#### 10.1 Volume

## 10.1.1 Introduction to Three-Dimensional Figures

#### **Learning Objectives:**

- naming prisms and pyramids
- · classifying three-dimensional figures

## 10.1.2 Volume of Prisms and Cylinders

## **Learning Objectives:**

- using cubes to find the volume of a rectangular prism
- using a formula to find the volume of a prism
- using a formula to find the volume of a cylinder
- finding the volume of a composite figure

#### Standards:

7.NS: 2; 7.G: 3; 7.G: 6; 7.EE: 3

## 10.1.3 Volume of Pyramids and Cones

## **Learning Objectives:**

- finding the volume of a rectangular pyramid
- finding the volume of a cone

#### **Standards:**

7.NS: 2; 7.G: 6

#### 10.2 Surface Area

### 10.2.1 Surface Area of Prisms and Cylinders

### **Learning Objectives:**

- finding the surface area of a prism
- finding the surface area of a cylinder
- problem-solving application

#### Standards:

7.NS: 2; 7.G: 6; 7.EE: 3

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## 10.2.2 Surface Area of Pyramids and Cones

## **Learning Objectives:**

- finding the surface area of a pyramid
- finding the surface area of a cone

### **Standards:**

7.NS: 2; 7.G: 6

## 10.2.3 Changing Dimensions

## **Learning Objectives:**

- finding the surface area of a similar figure
- finding volume using similar figures
- problem-solving application

#### Standards:

7.NS: 2; 7.G: 1; 7.G: 6; 7.EE: 3



## 11 Probability

## 11.1 Introduction to Probability

## 11.1.1 Probability

#### **Learning Objectives:**

- determining the likelihood of an event
- using complements
- travel application

#### Standards:

7.NS: 1; 7.SP: 5

## 11.1.2 Experimental Probability

#### **Learning Objectives:**

- sports application
- weather application

#### **Standards:**

7.NS: 1; 7.SP: 6; 7.SP: 7b

## 11.1.3 Make a List to Find Sample Spaces

## **Learning Objectives:**

- problem-solving application
- using a tree diagram to find a sample space
- recreation application

#### **Standards:**

7.SP: 8b

#### 11.1.4 Theoretical Probability

#### **Learning Objectives:**

- finding theoretical probability
- school application

#### **Standards:**

7.NS: 1; 7.SP: 7ac

## 11.2 Applications of Probability

## 11.2.1 Making Predictions

## **Learning Objectives:**

- using experimental probability to make predictions
- using theoretical probability to make predictions
- problem-solving application

#### **Standards:**

7.RP: 2; 7.RP: 3; 7.SP: 6; 7.SP: 7a; 7.EE: 4





## 11.2.2 Probability of Independent and Dependent Events

## **Learning Objectives:**

- determining whether events are independent or dependent
- finding the probability of independent events
- finding the probability of dependent events

#### Standards:

7.NS: 2; 7.SP: 8a

#### 11.2.3 Combinations

## **Learning Objectives:**

- using a table to find combinations
- problem-solving application

#### 11.2.4 Permutations

- using a list to find permutations
- using the fundamental counting principle to find the number of permutations
- using factorials to find the number of permutations

# Content, Standards, & Objectives



## 12 Multi-Step Equations and Inequalities

## 12.1 Multi-Step Equations

## 12.1.1 Solving Two-Step Equations

## **Learning Objectives:**

- solving two-step equations
- solving two-step equations using multiplication
- consumer application

#### Standards:

7.RP: 2c; 7.NS: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4; 7.EE: 4a

## 12.1.2 Solving Multi-Step Equations

## **Learning Objectives:**

- combining like terms to solve equations
- using the distributive property to solve equations
- problem-solving application

#### Standards:

7.NS: 2; 7.EE: 3; 7.EE: 4; 7.EE: 4a

## 12.1.3 Solving Equations with Variables on Both Sides

### **Learning Objectives:**

- using inverse operations to group terms with variables
- solving equations with variables on both sides
- consumer math application

#### **Standards:**

7.RP: 2c; 7.NS: 2; 7.NS: 3; 7.EE: 3; 7.EE: 4; 7.EE: 4a

## 12.2 Inequalities

## 12.2.1 Inequalities

## **Learning Objectives:**

- writing inequalities
- graphing simple inequalities
- graphing compound inequalities

#### Standards:

7.EE: 4



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## 12.2.2 Solving Inequalities by Adding or Subtracting

## **Learning Objectives:**

- solving inequalities by adding
- solving inequalities by subtracting
- money application

#### **Standards:**

7.EE: 4

## 12.2.3 Solving Inequalities by Multiplying or Dividing

## **Learning Objectives:**

- solving inequalities by multiplying
- solving inequalities by dividing
- business application

#### **Standards:**

7.EE: 4

## 12.2.4 Solving Two-Step Inequalities

### **Learning Objectives:**

- solving two-step inequalities
- school application

#### Standards:

7.NS: 2; 7.NS: 3; 7.EE: 4; 7.EE: 4b