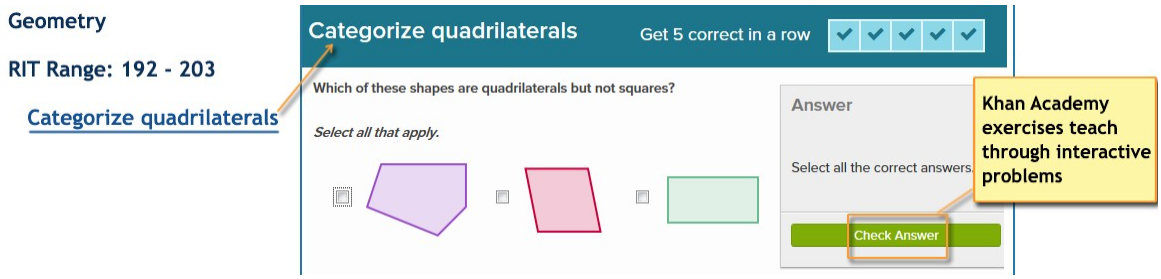
MAP to Khan Academy:

Khan Academy Practice Exercises Correlated to RIT for Common Core Math MAP for Grades 2-5

About this Document

This document correlates MAP® sub-goals and RIT ranges to Khan Academy® exercises. The Khan exercises are interactive problems for students with instant feedback:



Having these exercises correlated to RIT ranges means you can use them in conjunction with your flexible student groupings that are also informed by RIT score results. The exercises are also useful for targeting learning in each student's zone of proximal development (Vygotsky).

The correlation between MAP RIT scores and the Khan Academy exercises was determined by using our 2011 norms data to approximate grade levels, which were then matched to the corresponding Common Core State Standards (CCSS). Teachers in states that have not adopted the CCSS may still find these resources valuable by relating goals or sub-goals that are similar to CCSS goals and sub-goals.

NWEA plans to work with Khan Academy to update these links twice a year as new exercises are developed.

How to Use

1. Use MAP reports to find the RIT scores for a given sub-goal.
2. In this document, locate that same goal, approximate RIT range, and sub-goals.
3. To choose appropriate Khan Academy exercises:
    a. Consider both the name of the exercise and the CCSS standard.
    b. Click the link and try the exercise yourself.
    Note: When you're in Khan Academy, the links to videos and other resources add context to the actual exercise but are not necessarily correlated to MAP.
4. In the browser window where the exercise opened, note or copy the Web address URL.
5. Optionally deliver exercises to students. For example:
    - Paste the URL into an online document for students to access.
    - Present the exercise in the classroom.
    - Use for parent-teacher conference discussion.

Limitations

The instructional suggestions presented in this document are intended to provide supplementary resources based on available Khan Academy exercises and are not intended to replace other options. MAP/MPG data should be used as one of many data points for instructional decisions rather than as a placement guide.

Terms of Use

Geometry

Reason with Shapes, Attributes, & Coordinate Plane

	Standards Alignment
RIT Range: < 160	
Compare shapes	K.G.B.4
Naming shapes	K.G.A.1 | K.G.A.2
RIT Range: 161 - 178	
Attributes of shapes	1.G.A.1
Halves and fourths	1.G.A.3
RIT Range: 179 - 191	
Equal parts of circles and rectangles	2.G.A.3
Filling rectangles with same-sized squares	2.G.A.2
Recognizing shapes	2.G.A.1
RIT Range: 192 - 203	
Categorize quadrilaterals	3.G.A.1
Cutting shapes into equal parts	3.G.A.2
RIT Range: 204 - 212	
Angle types	4.G.A.1
Axis of symmetry	4.G.A.3
Classifying shapes by line and angle types	4.G.A.2
Drawing lines	4.G.A.1
Drawing right, acute, and obtuse angles	4.G.A.1
Quadrilateral types	4.G.A.2
Recognizing rays, lines, and line segments	4.G.A.1
Recognizing angles	4.G.A.1
Recognizing parallel and perpendicular lines	4.G.A.1
Recognizing triangles	4.G.A.2
Triangle types	4.G.A.2
Understanding angles	4.MD.C.5

Geometry

Reason with Shapes, Attributes, & Coordinate Plane

	Standards Alignment
RIT Range: 213 - 220	
Coordinate plane word problems in the first quadrant	5.G.A.2
Graphing points	5.G.A.1 | 5.G.A.2
RIT Range: 221 - 225	
Coordinate plane word problems in all four quadrants	6.NS.C.8
Decimals on the number line 3	6.NS.C.6c
Fractions on the number line 3	6.NS.C.6
Graphing points and naming quadrants	6.NS.C.6 | 6.NS.C.6b | 6.NS.C.6c
Points on the coordinate plane	6.NS.C.6 | 6.NS.C.6b | 6.NS.C.6c
Negative numbers on the number line	6.NS.C.6 | 6.NS.C.6c
Number line 3	6.NS.C.6 | 6.NS.C.6c
Number opposites	6.NS.C.6
Polygons in the coordinate plane	6.G.A.3
Reflecting points	6.NS.C.6 | 6.NS.C.6c

Measurement and Data

Geometric Measurement and Problem Solving

	Standards Alignment
RIT Range: 161 - 178	
Measuring lengths 1	1.MD.A.2
RIT Range: 179 - 191	
Adding and subtracting on the number line word problems	2.MD.B.6
Comparing lengths	2.MD.A.4
Counting money (U.S.)	2.MD.C.8
Length word problems	2.MD.B.5
Measuring lengths 2	2.MD.A.1
Measuring lengths with different units	2.MD.A.2
Telling time without labels	2.MD.C.7
Telling time with a labeled clock	2.MD.C.7

Measurement and Data

Geometric Measurement and Problem Solving

	Standards Alignment
RIT Range: 192 - 203	
Area 1	3.MD.C.5 | 3.MD.C.5a | 3.MD.C.5b | 3.MD.C.6
Area and the distributive property	3.MD.C.7 | 3.MD.C.7c
Comparing area and perimeter	3.MD.D.8
Comparing areas by multiplying	3.MD.C.7 | 3.MD.C.7b
Decompose shapes to find area	3.MD.C.7 | 3.MD.C.7d
Finding area by multiplying	3.MD.C.7 | 3.MD.C.7a
Mass word problems	3.MD.A.2
Measuring area with unit squares	3.MD.C.5 | 3.MD.C.5a | 3.MD.C.5b | 3.MD.C.6
Perimeter 1	3.MD.D.8
Finding perimeter	3.MD.D.8
Telling time word problems	3.MD.A.1
Volume word problems 1	3.MD.A.2
RIT Range: 204 - 212	
Area problems	4.MD.A.3
Area and perimeter of rectangles word problems	4.MD.A.3
Benchmark angles	4.MD.C.5
Decomposing angles	4.MD.C.7
Drawing angles	4.MD.C.6
Measurement units	4.MD.A.1
Measurement word problems with metric units	4.MD.A.2
Measurement word problems with US customary units	4.MD.A.2
Measuring angles	4.MD.C.6
Measuring and converting money word problems	4.MD.A.2
Measuring time word problems	4.MD.A.2
Naming angles	4.MD.C.5
Understanding angles	4.MD.C.5
Unit sense	4.MD.A.1

Measurement and Data

Geometric Measurement and Problem Solving

	Standards Alignment
RIT Range: 213 - 220	
Converting measurements word problems	5.MD.A.1
Converting units	5.MD.A.1
Volume 1	5.MD.C.5 | 5.MD.C.5a | 5.MD.C.5b | 5.MD.C.5c
Volume word problems	5.MD.C.5 | 5.MD.C.5a | 5.MD.C.5b | 5.MD.C.5c
Volume with unit cubes 1	5.MD.C.3 | 5.MD.C.4
RIT Range: 221 - 225	
Area of parallelograms	6.G.A.1
Area of triangles	6.G.A.1
Area of quadrilaterals and polygons	6.G.A.1
Area of trapezoids, rhombi, and kites	6.G.A.1
Finding area by composing and decomposing shapes	6.G.A.1
Finding percents	6.RP.A.3
Percentage word problems 1	6.RP.A.3
Rate problems 0.5	6.RP.A.2 | 6.RP.A.3 | 6.RP.A.3b
Ratio word problems	6.RP.A.2 | 6.RP.A.3 | 6.RP.A.3b
Solving ratio problems with tables	6.RP.A.3
Units	6.RP.A.3 | 6.RP.A.3d
Volume with fractions	6.G.A.2
Volume with unit cubes 2	6.G.A.2
Volume word problems with fractions	6.G.A.2
RIT Range: 226 - 230	
Area, volume, and surface area	7.G.B.6
Average word problems	7.EE.B.3
Constructing proportions to solve application problems	7.RP.A.3
Discount, tax, and tip word problems	7.EE.B.3
Markup and commission word problems	7.EE.B.3
Multi-step equations without variables	7.EE.B.3

Measurement and Data

Geometric Measurement and Problem Solving

	Standards Alignment
RIT Range: 226 - 230	
Proportions 1	7.RP.A.3
Rate problems 1	7.RP.A.1
Rate problems 2	7.RP.A.3
Solid geometry	7.G.B.6
Writing proportions	7.RP.A.3

Measurement and Data

Represent and Interpret Data

	Standards Alignment
RIT Range: 161 - 178	
Solving problems with bar graphs 1	1.MD.C.4
RIT Range: 179 - 191	
Solving problems with bar graphs 2	2.MD.D.10
Solving problems with line plots 1	2.MD.D.9
Solving problems with picture graphs 1	2.MD.D.10
RIT Range: 192 - 203	
Creating line plots 2	3.MD.B.4
Creating picture and bar graphs 2	3.MD.B.3
Solving problems with bar graphs 3	3.MD.B.3
Solving problems with picture graphs 2	3.MD.B.3
RIT Range: 204 - 212	
Interpreting line plots with fraction addition and subtraction	4.MD.B.4
RIT Range: 213 - 220	
Interpreting line plots with fraction multiplication and division	5.MD.B.2
RIT Range: 221 - 225	
Analyzing data with box plots	6.SP.B.5
Creating bar charts	6.SP.B.4

Measurement and Data

Represent and Interpret Data

	Standards Alignment
RIT Range: 221 - 225	
Creating box and whisker plots	6.SP.B.4
Mean, median, and mode	6.SP.B.5
Reading bar charts 1	6.SP.B.5
Reading bar charts 2	6.SP.B.5
Reading bar charts 3	6.SP.B.5
Reading pictographs 1	6.SP.B.5
Reading pictographs 2	6.SP.B.5

Number and Operations

Number and Operations - Fractions

	Standards Alignment
RIT Range: 161 - 178	
Halves and fourths	1.G.A.3
RIT Range: 179 - 191	
Equal parts of circles and rectangles	2.G.A.3
RIT Range: 192 - 203	
Comparing fractions 1	3.NF.A.3 | 3.NF.A.3d
Comparing fractions with the same denominator	3.NF.A.3 | 3.NF.A.3d
Comparing fractions with the same numerator	3.NF.A.3 | 3.NF.A.3d
Equivalent fraction models	3.NF.A.3 | 3.NF.A.3a | 3.NF.A.3b
Finding 1 on the number line	3.NF.A.2 | 3.NF.A.2a | 3.NF.A.2b | 3.NF.A.3c
Fractions on the number line 1	3.NF.A.2
Fractions on the number line 2	3.NF.A.2 | 3.NF.A.2a | 3.NF.A.2b
Fractions greater than one	3.NF.A.1
Naming the whole	3.NF.A.3d
Identifying numerators and denominators	3.NF.A.1
Recognizing fractions	3.NF.A.1

Number and Operations

Number and Operations - Fractions

	Standards Alignment
RIT Range: 204 - 212	
Adding fractions with 10 and 100 as denominators	4.NF.C.5
Adding and subtracting mixed numbers 0.5	4.NF.B.3c
Adding and subtracting fractions with like denominators word problems	4.NF.B.3d
Comparing decimals 1	4.NF.C.7
Comparing fractions 2	4.NF.A.2
Comparing improper fractions and mixed numbers	4.NF.A.2
Converting decimals to fractions 1	4.NF.C.6
Fractions as division by 10 or 100	4.NF.C.6
Decimals on the number line 1	4.NF.C.6
Decimals on the number line 2	4.NF.C.6
Decomposing fractions	4.NF.B.3b
Equivalent fractions	4.NF.A.1
Fraction word problems 1	4.NF.B.3d
Fractions as division by a multiple of 10	4.NF.C.6
Fractions cut and copy 1	4.NF.A.1
Multiplying fractions by integers	4.NF.B.4
Multiplying fractions and whole numbers word problems	4.NF.B.4c
Ordering fractions	4.NF.A.2
Subtracting fractions with common denominators	4.NF.B.3a
Understanding multiplying fractions and whole numbers	4.NF.B.4 | 4.NF.B.4a | 4.NF.B.4b
Visualizing equivalent fractions	4.NF.A.1
RIT Range: 213 - 220	
Adding fractions with unlike denominators	5.NF.A.1
Adding and subtracting mixed numbers 1	5.NF.A.1
Adding and subtracting fractions with unlike denominators word problems	5.NF.A.2
Dividing whole numbers by fractions	5.NF.B.7 | 5.NF.B.7b
Dividing fractions by whole numbers	5.NF.B.7 | 5.NF.B.7a
Division with fractions and whole numbers word problems	5.NF.B.7c

Number and Operations

Number and Operations - Fractions

	Standards Alignment
RIT Range: 213 - 220	
Fraction multiplication as scaling	5.NF.B.5a | 5.NF.B.5b
Multiplying fractions by fractions word problems	5.NF.B.6
Subtracting fractions with unlike denominators	5.NF.A.1
Understanding fractions as division	5.NF.B.3
Understanding multiplying fractions by fractions	5.NF.B.4a | 5.NF.B.4b
RIT Range: 221 - 225	
Decimals on the number line 3	6.NS.C.6c
Dividing positive fractions	6.NS.A.1
Dividing fractions by fractions and whole numbers applications	6.NS.A.1
Finding percents	6.RP.A.3 | 6.RP.A.3c
Number line 3	6.NS.C.6c
Percentage word problems 1	6.RP.A.3 | 6.RP.A.3c
Rate problems 0.5	6.RP.A.3
Ratio word problems	6.RP.A.3
Solving ratio problems with tables	6.RP.A.3
Understanding dividing fractions by fractions	6.NS.A.1
Units	6.RP.A.3
RIT Range: 226 - 230	
Adding and subtracting fractions	7.NS.A.1
Average word problems	7.EE.B.3
Converting fractions to decimals	7.NS.A.2 | 7.NS.A.2d
Discount, tax, and tip word problems	7.EE.B.3
Markup and commission word problems	7.EE.B.3
Multi-step equations without variables	7.EE.B.3
Operations with rational numbers	7.NS.A.3
Order of operations with negative numbers	7.NS.A.1
Rational number word problems	7.NS.A.3

Number and Operations

Number and Operations in Base Ten

	Standards Alignment
RIT Range: < 160	
Addition within 5	K.OA.A.5
Making five	K.OA.A.4
Making ten	K.OA.A.4
Making ten 2	K.OA.A.4
Put together	K.OA.A.1
Subtraction within 5	K.OA.A.5
Take apart	K.OA.A.1
RIT Range: 161 - 178	
Addition within 20	1.OA.C.6
Addition and subtraction within 10	1.OA.D.8
Add within 100: Level 1	1.NBT.C.4
Add within 100: Level 2	1.NBT.C.4
Meaning of equal sign 1	1.OA.D.7
Subtract tens	1.NBT.C.6
RIT Range: 179 - 191	
Add within 1000: Level 1	2.NBT.B.7
Add within 1000: Level 2	2.NBT.B.7
Subtraction within 20	2.NBT.B.5
Subtract within 1000: Level 1	2.NBT.B.7
Subtract within 1000: Level 2	2.NBT.B.7
RIT Range: 192 - 203	
Addition within 100	3.NBT.A.2
Addition within 1000	3.NBT.A.2 | 4.NBT.B.4
Meaning of division	3.OA.A.2
Meaning of multiplication	3.OA.A.1
Multiply by tens	3.NBT.A.3
Multiply by tens word problems	3.NBT.A.3

Number and Operations

Number and Operations in Base Ten

	Standards Alignment
RIT Range: 192 - 203	
Properties of multiplication 1	3.OA.B.5
Properties of multiplication 2	3.OA.B.5
Relate division to multiplication	3.OA.B.6
Subtraction within 100	3.NBT.A.2
Subtraction within 1000	3.NBT.A.2 | 4.NBT.B.4
RIT Range: 204 - 212	
Addition within 1000	3.NBT.A.2 | 4.NBT.B.4
Multi-digit division without remainders	4.NBT.B.6
Division with remainders	4.NBT.B.6
Multiplication without carrying	4.NBT.B.5
Multiplication with carrying	4.NBT.B.5
Multiplying 2 digits by 2 digits	4.NBT.B.5
Multiplying 2 digits by 2 digits with area models	4.NBT.B.5
Multiplying 4 digits by 1 digit with visual models	4.NBT.B.5
Subtraction within 1000	3.NBT.A.2 | 4.NBT.B.4
RIT Range: 213 - 220	
Adding decimals 1	5.NBT.B.7
Adding decimals 0.5	5.NBT.B.7
Dividing completely	5.NBT.B.7
Dividing decimals 1	5.NBT.B.7
Dividing decimals 2	5.NBT.B.7
Dividing decimals 3	5.NBT.B.7
Division by 2 digits	5.NBT.B.6
Multi-digit multiplication	5.NBT.B.5
Multiplying decimals 1	5.NBT.B.7
Multiplying decimals 2	5.NBT.B.7
Subtracting decimals	5.NBT.B.7

Number and Operations

Number and Operations in Base Ten

	Standards Alignment
RIT Range: 213 - 220	
Subtracting decimals 0.5	5.NBT.B.7
RIT Range: 221 - 225	
Adding and subtracting decimals word problems	6.NS.B.3
Adding decimals 2	6.NS.B.3 | 6.NS.B.3
Dividing decimals 4	6.NS.B.3 | 6.NS.B.3
Multi-digit division	6.NS.B.2
Constructing and solving equations in the real world 1	6.EE.B.7
One-step equations with multiplication	6.EE.B.7
Multiplying decimals 3	6.NS.B.3 | 6.NS.B.3
Negative numbers on the number line	6.NS.C.6c
One step equation intuition	6.EE.B.7
One step equations	6.EE.B.7
Solving equations and inequalities through substitution	6.EE.B.5
Subtracting decimals 2	6.NS.B.3
RIT Range: 226 - 230	
Adding and subtracting negative numbers	7.NS.A.1
Adding negative numbers	7.NS.A.1
Adding and subtracting negative numbers word problems	7.NS.A.1
Average word problems	7.EE.B.3
Constructing and interpreting absolute value	7.NS.A.1
Converting fractions to decimals	7.NS.A.2
Discount, tax, and tip word problems	7.EE.B.3
Positive and zero exponents of integers	7.NS.A.2 | 7.NS.A.2
Positive exponents with positive and negative bases	7.NS.A.2 | 7.NS.A.2
Markup and commission word problems	7.EE.B.3
Multiplying and dividing negative numbers	7.NS.A.2 | 7.NS.A.2
Multi-step equations without variables	7.EE.B.3

Number and Operations

Number and Operations in Base Ten

	Standards Alignment
RIT Range: 226 - 230	
Operations with rational numbers	7.NS.A.3
Order of operations with negative numbers	7.NS.A.2 | 7.NS.A.2 | 7.NS.A.2
Rational number word problems	7.NS.A.3
Understanding addition and subtraction with negative numbers	7.NS.A.1
RIT Range: 231 - 234	
Age word problems	8.EE.C.7
Converting multi-digit repeating decimals to fractions	8.EE.C.7
Equations with variables on both sides	8.EE.C.7
Multi-step equations with distribution	8.EE.C.7
Solutions to linear equations	8.EE.C.7

Number and Operations

Understand Place Value, Counting, and Cardinality

	Standards Alignment
RIT Range: < 160	
Compare groups through 10	K.CC.C.6
Comparing numbers through 10	K.CC.C.7
Count from any number	K.CC.A.2
Counting in scenes	K.CC.B.4
Counting objects	K.CC.B.4a
Count to 100	K.CC.A.1
How many objects 1	K.CC.B.5
How many objects 2	K.CC.B.5
One more, one less	K.CC.B.4c
Teen numbers 1	K.NBT.A.1
RIT Range: 161 - 178	
Comparing two-digit numbers 1	1.NBT.B.3
Groups of tens	1.NBT.B.2 | 1.NBT.B.2c

Number and Operations

Understand Place Value, Counting, and Cardinality

	Standards Alignment
RIT Range: 161 - 178	
Numbers to 120	1.NBT.A.1
Teen numbers 2	1.NBT.B.2 | 1.NBT.B.2b
Understanding 2-digit numbers	1.NBT.B.2
RIT Range: 179 - 191	
Comparing whole numbers	2.NBT.A.4
Comparing numbers within 1000	2.NBT.A.4
Counting money (U.S.)	2.NBT.A.2
Hundreds, tens, and ones	2.NBT.A.1 | 2.NBT.A.1a | 2.NBT.A.1b
Skip-counting by 100s	2.NBT.A.2
Skip-counting by 10s	2.NBT.A.2
Skip-counting by 5s	2.NBT.A.2
Writing numbers to 1000	2.NBT.A.3
RIT Range: 192 - 203	
Rounding to the nearest ten or hundred	3.NBT.A.1
RIT Range: 204 - 212	
Place value	4.NBT.A.2
Rounding whole numbers	4.NBT.A.3
Understanding place value	4.NBT.A.1
Understanding whole number representations	4.NBT.A.2
RIT Range: 213 - 220	
Comparing decimals 2	5.NBT.A.3b
Comparing decimal place value	5.NBT.A.1
Ordering decimals	5.NBT.A.3b
Patterns in zeros	5.NBT.A.2
Regrouping decimals	5.NBT.A.1
Regrouping whole numbers	5.NBT.A.1

Number and Operations

Understand Place Value, Counting, and Cardinality

	Standards Alignment
RIT Range: 213 - 220	
Rounding numbers	5.NBT.A.4
Money and decimal place value intuition	5.NBT.A.3
Understanding moving the decimal	5.NBT.A.2
Writing and interpreting decimals	5.NBT.A.3a
RIT Range: 221 - 225	
Adding and subtracting decimals word problems	6.NS.B.3
Adding decimals 2	6.NS.B.3
Dividing decimals 4	6.NS.B.3
Multi-digit division	6.NS.B.2
Evaluating numerical expressions with exponents	6.EE.A.1
Evaluating numerical expressions with exponents word problems	6.EE.A.1
Multiplying decimals 3	6.NS.B.3
Positive and zero exponents	6.EE.A.1
Writing numerical expressions with exponents word problems	6.EE.A.1

Operations and Algebraic Thinking

Analyze Patterns and Relationships

	Standards Alignment
RIT Range: 192 - 203	
Math patterns 1	3.OA.D.9
RIT Range: 204 - 212	
Composite numbers	4.OA.B.4
Divisibility 0.5	4.OA.B.4
Divisibility intuition	4.OA.B.4
Prime numbers	4.OA.B.4
RIT Range: 213 - 220	
Visualizing and interpreting relationships between patterns	5.OA.B.3

Operations and Algebraic Thinking

Represent and Solve Problems

	Standards Alignment
RIT Range: < 160	
Addition within 5	K.OA.A.5
Addition word problems within 10	K.OA.A.2
Making five	K.OA.A.4
Making ten	K.OA.A.4
Making ten 2	K.OA.A.4
Put together	K.OA.A.1
Subtraction within 5	K.OA.A.5
Subtraction word problems within 10	K.OA.A.2
Take apart	K.OA.A.1
RIT Range: 161 - 178	
Adding three numbers	1.OA.A.2
Addition within 20	1.OA.C.6
Addition and subtraction within 10	1.OA.D.8
Addition and subtraction word problems within 20: Level 1	1.OA.A.1
Addition and subtraction word problems within 20: Level 2	1.OA.A.1
Addition and subtraction word problems within 20: Level 3	1.OA.A.1
Addition and subtraction word problems within 20: Level 4	1.OA.A.1
Meaning of equal sign 1	1.OA.D.7
RIT Range: 179 - 191	
Addition and subtraction word problems within 100: Level 1	2.OA.A.1
Addition and subtraction word problems within 100: Level 2	2.OA.A.1
Addition and subtraction word problems within 100: Level 3	2.OA.A.1
Addition and subtraction word problems within 100: Level 4	2.OA.A.1
Comparing lengths	2.OA.A.1
Length word problems	2.OA.A.1
Repeated addition	2.OA.C.4
Solving problems with picture graphs 1	2.OA.A.1

Operations and Algebraic Thinking

Represent and Solve Problems

	Standards Alignment
RIT Range: 192 - 203	
Basic division	3.OA.A.4
1- digit division	3.OA.A.4
Meaning of division	3.OA.A.2
Meaning of multiplication	3.OA.A.1
Multiplying 1-digit numbers	3.OA.A.4
Number line 1	3.OA.C.7 | 3.OA.C.7
Properties of multiplication 1	3.OA.B.5
Properties of multiplication 2	3.OA.B.5
Relate division to multiplication	3.OA.B.6
Solving basic multiplication and division equations	3.OA.A.4
Two-step word problems with addition, subtraction, multiplication, and division	3.OA.D.8
RIT Range: 204 - 212	
Multiplication and division word problems	4.OA.A.2
Comparing with multiplication	4.OA.A.1
Multi-step word problems with whole numbers	4.OA.A.3
RIT Range: 213 - 220	
Expressions with parentheses	5.OA.A.1 | 5.OA.A.2
RIT Range: 221 - 225	
Adding and subtracting decimals word problems	6.NS.B.3
Combining like terms	6.EE.A.3
Constructing and solving equations in the real world 1	6.EE.B.6 | 6.EE.B.7 | 6.EE.B.7
Equivalent forms of expressions 1	6.EE.A.3
Evaluating expressions in one variable	6.EE.A.2c
Evaluating expressions in 2 variables	6.EE.A.2c
Evaluating expressions with variables word problems	6.EE.A.2c
Evaluating numerical expressions with exponents	6.EE.A.1

Operations and Algebraic Thinking

Represent and Solve Problems

	Standards Alignment
RIT Range: 221 - 225	
Evaluating numerical expressions with exponents word problems	6.EE.A.1
Finding percents	6.RP.A.3c
Inequalities in one variable 1	6.EE.B.6
One-step equations with multiplication	6.EE.B.7 | 6.EE.B.7
One step equation intuition	6.EE.B.7 | 6.EE.B.7
One step equations	6.EE.B.7 | 6.EE.B.7
Order of operations	6.EE.A.2c
Percentage word problems 1	6.RP.A.3c
Positive and zero exponents	6.EE.A.1
Rate problems 0.5	6.RP.A.3b
Ratio word problems	6.RP.A.3b
Solving equations and inequalities through substitution	6.EE.B.5 | 6.EE.B.5
Writing numerical expressions with exponents word problems	6.EE.A.1
RIT Range: 226 - 230	
Average word problems	7.EE.B.3
Constructing proportions to solve application problems	7.RP.A.3
Discount, tax, and tip word problems	7.EE.B.3
Interpreting linear expressions	7.EE.A.2
2- step equations	7.EE.B.4
Linear equation word problems	7.EE.B.4 | 7.EE.B.4a
Markup and commission word problems	7.EE.B.3
Multi-step equations without variables	7.EE.B.3
One step inequalities	7.EE.B.4
Operations with rational numbers	7.NS.A.3
Proportions 1	7.RP.A.3
Rate problems 2	7.RP.A.3
Rational number word problems	7.NS.A.3
Writing proportions	7.RP.A.3

Operations and Algebraic Thinking

Represent and Solve Problems

	Standards Alignment
RIT Range: 231 - 234	
Graphing systems of equations	8.EE.C.8 | HSA-REI.C.6
Solutions to systems of equations	8.EE.C.8 | HSA-REI.C.6
Systems of equations	8.EE.C.8 | HSA-REI.C.6
Systems of equations with elimination	8.EE.C.8
Systems of equations with simple elimination	8.EE.C.8
Systems of equations with substitution	8.EE.C.8
Systems of equations word problems	8.EE.C.8 | HSA-REI.C.6
Understanding systems of equations word problems	8.EE.C.8
RIT Range: > 235	
Compound inequalities	HSA-REI.B.3
Graphing systems of equations	8.EE.C.8 | HSA-REI.C.6
Multi-step linear inequalities	HSA-REI.B.3
Modeling with one-variable equations and inequalities	HSA-CED.A.1
Solutions to systems of equations	8.EE.C.8 | HSA-REI.C.6
Systems of equations	8.EE.C.8 | HSA-REI.C.6
Systems of equations word problems	8.EE.C.8 | HSA-REI.C.6