

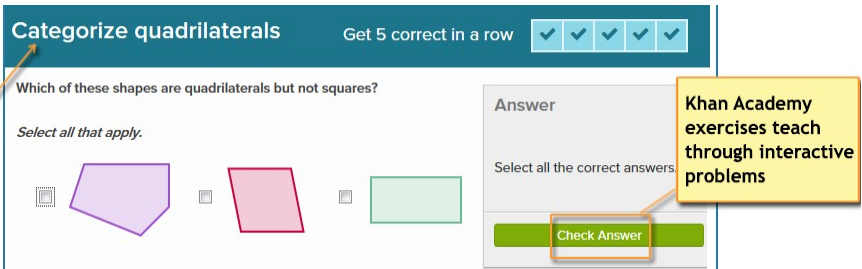
MAP to Khan Academy:

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:

Geometry
RIT Range: 192 - 203
[Categorize quadrilaterals](#)



Categorize quadrilaterals Get 5 correct in a row ✓✓✓✓✓

Which of these shapes are quadrilaterals but not squares?

Select all that apply.

Answer
Select all the correct answers.

Check Answer

Khan Academy exercises teach through interactive problems

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.

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Common Core MAP Mathematics
Khan Academy Practice Exercises Correlation
Common Core Mathematics 2-5

Geometry

Reason with Shapes, Attributes, & Coordinate Plane P 4

Measurement and Data

Geometric Measurement and Problem Solving P 5

Represent and Interpret Data P 8

Number and Operations

Number and Operations - Fractions P 9

Number and Operations in Base Ten P 12

Understand Place Value, Counting, and Cardinality P 15

Operations and Algebraic Thinking

Analyze Patterns and Relationships P 17

Represent and Solve Problems P 18

Geometry

Reason with Shapes, Attributes, & Coordinate Plane

Standards Alignment

RIT Range: < 160

Comparing shapes	K.G.B.4
Composing shapes	K.G.B.6
Naming shapes	K.G.A.1
Naming shapes 2	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 rays, lines, and line segments	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 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

[Properties of shapes](#)

5.G.B.3 | 5.G.B.4

RIT Range: 221 - 225

[Coordinate plane problems in all four quadrants](#)

6.G.A.3 | 6.NS.C.8

[Drawing polygons](#)

6.G.A.3

[Drawing polygons 2](#)

6.G.A.3

[Points on the coordinate plane](#)

6.NS.C.6 | 6.NS.C.6b | 6.NS.C.6c

[Rectangles on 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: < 160

[Comparing size](#)

K.MD.A.2

RIT Range: 161 - 178

[Measuring lengths 1](#)

1.MD.A.2

[Order by length](#)

1.MD.A.1

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

[Estimating lengths](#)

2.MD.A.3

[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

Measurement and Data

Geometric Measurement and Problem Solving

Standards Alignment

RIT Range: 179 - 191

[Telling time with a labeled clock](#)

2.MD.C.7

RIT Range: 192 - 203

[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

[Arithmetic word problems with mass](#)

3.MD.A.2

[Measuring area with unit squares](#)

3.MD.C.6

[Perimeter 1](#)

3.MD.D.8

[Finding perimeter](#)

3.MD.D.8

[Perimeter 2](#)

3.MD.D.8

[Telling time word problems](#)

3.MD.A.1

[Telling time word problems with the number line](#)

3.MD.A.1

[Understanding area](#)

3.MD.C.5 | 3.MD.C.5a | 3.MD.C.5b

[Arithmetic word problems with volume](#)

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

[Converting to smaller units](#)

4.MD.A.1

[Converting to smaller units word problems \(metric\)](#)

4.MD.A.2

[Converting to smaller units word problems \(US customary\)](#)

4.MD.A.2

[Measuring angles](#)

4.MD.C.6

[Converting money word problems](#)

4.MD.A.2

[Time word problems](#)

4.MD.A.2

Measurement and Data

Geometric Measurement and Problem Solving

Standards Alignment

RIT Range: 204 - 212

Naming angles	4.MD.C.5
Understanding angles	4.MD.C.5
Unit sense	4.MD.A.1

RIT Range: 213 - 220

Converting units word problems	5.MD.A.1
Converting units	5.MD.A.1
Converting units (US customary)	5.MD.A.1
Converting units word problems (US customary)	5.MD.A.1
Decompose figures to find volume	5.MD.C.5 5.MD.C.5c
Volume 1	5.MD.C.5 5.MD.C.5a 5.MD.C.5b
Volume word problems	5.MD.C.5 5.MD.C.5b 5.MD.C.5c
Volume with unit cubes 1	5.MD.C.3 5.MD.C.4 5.MD.C.5
Volume formula intuition	5.MD.C.5 5.MD.C.5a
Comparing volumes with unit cubes	5.MD.C.4 5.MD.C.5 5.MD.C.5a 5.MD.C.5b

RIT Range: 221 - 225

Adding decimals 2	6.NS.B.3
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 triangles 2	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
Dividing decimals 4	6.NS.B.3
Multiplying decimals 3	6.NS.B.3
Rate problems 0.5	6.RP.A.3b
Ratio word problems	6.RP.A.3b
Solving ratio problems with tables	6.RP.A.3
Subtracting decimals 2	6.NS.B.3

Measurement and Data

Geometric Measurement and Problem Solving

Standards Alignment

RIT Range: 221 - 225

[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 and decimals](#)

6.G.A.2

RIT Range: 226 - 230

[Area, volume, and surface area](#)

7.G.B.6

[Discount, tax, and tip word problems](#)

7.EE.B.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

RIT Range: > 235

[Volume word problems with cones, cylinders, and spheres](#)

HSG-GMD.A.3

Measurement and Data

Represent and Interpret Data

Standards Alignment

RIT Range: < 160

[Sort by count or category](#)

K.MD.B.3 | K.MD.B.3

RIT Range: 161 - 178

[Solving problems with bar graphs 1](#)

1.MD.C.4

RIT Range: 179 - 191

[Making line plots, bar graphs, and picture graphs](#)

2.MD.D.9

[Solving problems with bar graphs 2](#)

2.MD.D.10

[Solving problems with line plots 1](#)

2.MD.D.9

Measurement and Data

Represent and Interpret Data

Standards Alignment

RIT Range: 179 - 191

[Solving problems with picture graphs 1](#)

2.MD.D.10

RIT Range: 192 - 203

[Marking data on line plots](#)

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 dot plots with fraction addition and subtraction](#)

4.MD.B.4

RIT Range: 213 - 220

[Interpreting dot plots with fraction operations](#)

5.MD.B.2

RIT Range: 221 - 225

[Analyzing data with box plots](#)

6.SP.B.5

[Creating bar charts](#)

6.SP.B.4

[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: 221-225

[Fractions on the number line](#)

6.NS.C.6

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 with the same numerator or denominator](#)

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 fractions on the number line](#)

3.NF.A.3 | 3.NF.A.3a | 3.NF.A.3b

[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

[Recognizing fractions 2](#)

3.NF.A.1

[Naming the whole](#)

3.NF.A.3d

[Identifying numerators and denominators](#)

3.NF.A.1

[Recognizing fractions 1](#)

3.NF.A.1

RIT Range: 204 - 212

[Adding fractions with 10 and 100 as denominators](#)

4.NF.C.5

[Adding and subtracting mixed numbers with like denominators](#)

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 with different numerators and denominators](#)

4.NF.A.2

[Comparing 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

Number and Operations

Number and Operations - Fractions

Standards Alignment

RIT Range: 204 - 212

Decomposing fractions	4.NF.B.3b
Equivalent fractions	4.NF.A.1
Using fractions to divide pizzas, pies, and cakes	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 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 with unlike denominators	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
Fraction multiplication as scaling	5.NF.B.5a 5.NF.B.5b
Multiplying fractions by whole numbers	5.NF.B.4a
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
Visually understanding multiplying fractions and whole numbers	5.NF.B.4a 5.NF.B.4b
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

Number and Operations

Number and Operations - Fractions

Standards Alignment

RIT Range: 221 - 225

Dividing fractions by fractions word problems	6.NS.A.1
Constructing linear equations word problems	6.EE.B.7
Graphing points and naming quadrants	6.NS.C.6c
Points on the coordinate plane	6.NS.C.6c
One-step equations with multiplication	6.EE.B.7
Negative numbers on the number line	6.NS.C.6c
Negative numbers on the number line without reference to zero	6.NS.C.6c
One step equation intuition	6.EE.B.7
One-step equations with addition and subtraction	6.EE.B.7
Rate problems 0.5	6.RP.A.3b
Ratio word problems	6.RP.A.3b
Reflecting points on the coordinate plane	6.NS.C.6c
Understanding dividing fractions by fractions	6.NS.A.1

RIT Range: 226 - 230

Adding and subtracting negative fractions, decimals, and percents	7.NS.A.1d
Operations with rational numbers	7.NS.A.3
Understanding addition and subtraction with negative numbers	7.NS.A.1d

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

Number and Operations

Number and Operations in Base Ten

Standards Alignment

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
Addition using groups of 10: Level 1	2.NBT.B.5
Addition using groups of 10: Level 2	2.NBT.B.5
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
Subtract within 100: Level 1	2.NBT.B.5
Subtract within 100: Level 2	2.NBT.B.5

RIT Range: 192 - 203

Addition within 100	3.NBT.A.2
Addition within 1000	3.NBT.A.2 4.NBT.B.4
Addition using groups of 10 and 100	3.NBT.A.2
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
Properties of multiplication 1	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

Number and Operations

Number and Operations in Base Ten

Standards Alignment

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
Division using place value understanding	4.NBT.B.6
Multi-digit division with visual models	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
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
Dividing decimals 4	6.NS.B.3

Number and Operations

Number and Operations in Base Ten

Standards Alignment

RIT Range: 221 - 225

Multi-digit division	6.NS.B.2
Constructing linear equations word problems	6.EE.B.7
One-step equations with multiplication	6.EE.B.7
Multiplying decimals 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 with addition and subtraction	6.EE.B.7
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
Constructing and interpreting absolute value	7.NS.A.1
Discount, tax, and tip word problems	7.EE.B.3
Positive and zero exponents of integers	7.NS.A.2
Positive exponents with positive and negative bases	7.NS.A.2
Multiplying and dividing negative numbers	7.NS.A.2
Understanding addition and subtraction with negative numbers	7.NS.A.1

RIT Range: 231 - 234

Converting multi-digit repeating decimals to fractions	8.EE.C.7
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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

Number and Operations

Understand Place Value, Counting, and Cardinality

Standards Alignment

RIT Range: < 160

Counting in the right order	K.CC.B.4a
Counting with small numbers	K.CC.B.5
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 whole numbers	1.NBT.B.3 2.NBT.A.4
Comparing two-digit numbers 1	1.NBT.B.3
Groups of tens	1.NBT.B.2 1.NBT.B.2c
Numbers to 120	1.NBT.A.1
Teen numbers 2	1.NBT.B.2 1.NBT.B.2b
Teen numbers 3	1.NBT.B.2 1.NBT.B.2b
Understanding 2-digit numbers	1.NBT.B.2

RIT Range: 179 - 191

Comparing whole numbers	1.NBT.B.3 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
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Number and Operations

Understand Place Value, Counting, and Cardinality

Standards Alignment

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
Multiplying and dividing decimals by powers of 10	5.NBT.A.2
Multiplying and dividing whole numbers by powers of 10	5.NBT.A.2
Ordering decimals	5.NBT.A.3b
Powers of ten	5.NBT.A.2
Regrouping decimals	5.NBT.A.1
Regrouping whole numbers	5.NBT.A.1
Rounding decimals	5.NBT.A.4
Rounding decimals 2	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
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Operations and Algebraic Thinking

Analyze Patterns and Relationships

Standards Alignment

RIT Range: 192 - 203

Math patterns 1	3.OA.D.9
Patterns in multiplication tables	3.OA.D.9

Operations and Algebraic Thinking

Analyze Patterns and Relationships

Standards Alignment

RIT Range: 204 - 212

Composite numbers	4.OA.B.4
Divisibility intuition	4.OA.B.4
Factor pairs	4.OA.B.4
Identifying factors and multiples	4.OA.B.4
Math patterns 2	4.OA.C.5
Prime numbers	4.OA.B.4

RIT Range: 213 - 220

Visualizing and interpreting relationships between patterns	5.OA.B.3
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RIT Range: 221 - 225

Order of operations	6.EE.A.1
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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
Making totals in different ways within 10	K.OA.A.3
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

Operations and Algebraic Thinking

Represent and Solve Problems

Standards Alignment

RIT Range: 161 - 178

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
The equals sign	1.OA.D.7
Relate addition and subtraction	1.OA.B.4

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

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
Multiplication using place value understanding	3.OA.B.5
Whole numbers on the number line	3.OA.C.7
Properties of multiplication	3.OA.B.5
Relate division to multiplication	3.OA.B.6
Relate division to multiplication word problems	3.OA.B.6
Solving basic multiplication and division equations	3.OA.A.4

Operations and Algebraic Thinking

Represent and Solve Problems

Standards Alignment

RIT Range: 192 - 203

[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

[Comparing with multiplication word problems](#) 4.OA.A.1

[Multi-step word problems with whole numbers](#) 4.OA.A.3

RIT Range: 213 - 220

[Creating expressions with parentheses](#) 5.OA.A.2

[Evaluating expressions with parentheses](#) 5.OA.A.1

[Translating expressions with parentheses](#) 5.OA.A.2

RIT Range: 221 - 225

[Adding and subtracting decimals word problems](#) 6.NS.B.3

[Constructing and solving equations in the real world 1](#) 6.EE.B.6 | 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

[Evaluating numerical expressions with exponents word problems](#) 6.EE.A.1

[Inequalities in one variable 1](#) 6.EE.B.6

[One-step equations with multiplication](#) 6.EE.B.7

[One step equation intuition](#) 6.EE.B.7

[One step equations](#) 6.EE.B.7

[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

Operations and Algebraic Thinking

Represent and Solve Problems

Standards Alignment

RIT Range: 221 - 225

[Solving equations and inequalities through substitution](#) 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

[Proportions 1](#) 7.RP.A.3

[Writing proportions](#) 7.RP.A.3

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

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

[Solutions to systems of equations](#) 8.EE.C.8 | HSA-REI.C.6