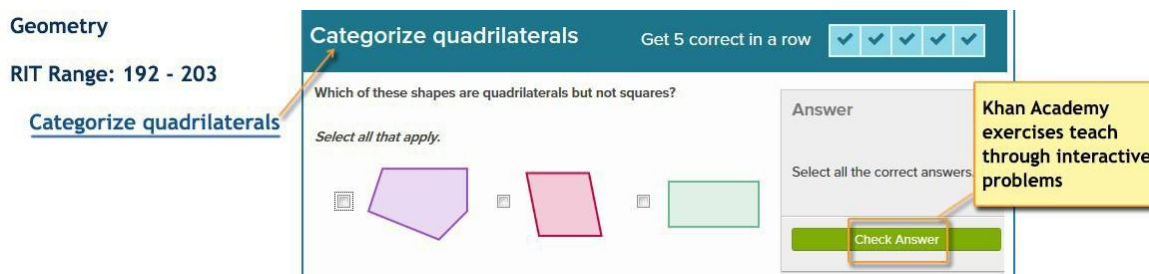# MAP Growth Mathematics to Khan Academy

Khan Academy Practice Exercises Correlated to RIT

Common Core MAP Growth Math 6+

About this Document

This document correlates MAP® Growth™ test sub-goals and RIT ranges to Khan Academy® exercises. The Khan Academy 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 Growth RIT scores and the Khan Academy exercises was determined by using our 2020 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 Growth 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:
   - Consider both the name of the exercise and the CCSS standard.
   - 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 Growth.

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 Growth data should be used as one of many data points for instructional decisions rather than as a placement guide.

Terms of Use

These Terms of Use permit you to use this document for your personal, non-commercial use only. You must not reproduce, distribute, modify, create derivative works of, publicly display, publicly perform, republish, download, store or transmit any of the material on this document, except you may print or download one copy of a reasonable number of pages of this document for your own personal, non-commercial use and not for further reproduction, publication or distribution. You must not modify copies of this document. You must not delete or alter any copyright, trademark or other proprietary rights notices from this document. If you breach the Terms of Use your right to use the document will cease immediately and you must, at the option of NWEA®, return or destroy any copies of the document you have made. No right, title or interest in or to the document or any content on the document is transferred to you, and all rights not expressly granted are reserved by NWEA or their respective owner (see below). Any use of the document not expressly permitted by these Terms of Use is a breach of these Terms of Use and may violate copyright, trademark and other laws.

This document contains links to Khan Academy sites, materials and/or resources ("Khan Materials"). The use of the Khan Materials by NWEA is by license. Khan Academy is the respective owner of the Khan Materials. Use of the Khan Materials by NWEA in no way represents or suggests that Khan Academy endorses NWEA. All Khan Academy content is available for free at www.khanacademy.org.

The Khan Materials are provided for your convenience only. NWEA has no control over the contents of the Khan Materials and accepts no responsibility for them or for any loss or damage that may arise from your use of them. The information contained in this document, including the Khan Materials, are provided "as-is" and "as available" without any warranty of any kind, express or implied. NWEA does not warrant the accuracy, completeness or usefulness of the Khan Materials or any other information in this document and NWEA expressly disclaims all liability and responsibility arising from any reliance placed on the Khan Materials and/or any other information in this document. If you decide to access any of the Khan Materials, you do so entirely at your own risk and subject to the terms and conditions of use for the Khan Materials.

NWEA disclaims all warranties of any kind, whether express or implied, statutory or otherwise, including but not limited to any warranties of merchantability, non-infringement and fitness for particular purpose. In no event will NWEA be liable for damages of any kind, under any legal theory, arising out of or in connection with your use, or inability to use, this document and/or the information contained within it, including any direct, indirect, special, consequential, incidental or punitive damages. Any dispute or claim arising from or related to this document shall be governed and construed with the laws of the State or Oregon and any suit or action arising out of this document shall be instituted exclusively in the court of the State of Oregon and County of Multnomah.

The Khan Academy® is a registered trademark of Khan Academy. MAP® is a registered trademark of NWEA. You must not use such marks without the prior written permission of their respective owners. NWEA may update the content on this document from time to time, but its content is not necessarily complete or up-to-date. Any of the material in this document may be out of date at any given time, and NWEA is under no obligation to update such material. However, in the event NWEA, in its sole discretion updates this document, your continued use of it following the posting of revised Terms of Use means that you accept and agree to the changes.

MAP Growth Mathematics
Khan Academy Practice Exercises Correlation

Common Core Math 6+

The Real and Complex Number Systems

Ratios and Proportional Relationships   Standards Alignment

RIT Range: 201-210

Convert to smaller units (c, pt, qt, & gal)	4.MD.A.1
Convert to smaller units (g and kg)	4.MD.A.1
Convert to smaller units (in, ft, yd, & mi)	4.MD.A.1
Convert to smaller units (mL and L)	4.MD.A.1
Convert to smaller units (mm, cm, m, & km)	4.MD.A.1
Convert to smaller units (oz and lb)	4.MD.A.1
Convert to smaller units (sec, min, & hr)	4.MD.A.1
Convert money word problems	4.MD.A.2
Metric conversions word problems	4.MD.A.2
US customary conversion word problems	4.MD.A.2

RIT Range: 211-217

Convert units (metrics)	5.MD.A.1
Convert units (US customary)	5.MD.A.1
Convert units word problems (metric)	5.MD.A.1
Convert units word problems (US customary)	5.MD.A.1

RIT Range: 218-221

Basic ratios	6.RP.A.1
Create double number lines	6.RP.A.1	6.RP.A.3
Equivalent ratios	6.RP.A.1	6.RP.A.3
Ratios with double number lines	6.RP.A.1	6.RP.A.3
Ratios with tape diagrams	6.RP.A.1	6.RP.A.3
Relate double numbers lines and ratio tables	6.RP.A.1	6.RP.A.3
Unit rates	6.RP.A.2
Comparing rates	6.RP.A.2	6.RP.A.3
Rate problems	6.RP.A.2	6.RP.A.3

The Real and Complex Number Systems

Ratios and Proportional Relationships   Standards Alignment

RIT Range: 218-221

Convert decimals to percents	6.RP.A.3
Convert percents to decimals	6.RP.A.3
Convert percents to fractions	6.RP.A.3
Equivalent ratio word problems	6.RP.A.3
Equivalent ratio word problems (basic)	6.RP.A.3
Equivalent ratios in the real world	6.RP.A.3
Finding percents	6.RP.A.3
Intro to percents	6.RP.A.3
Part-part-whole ratios	6.RP.A.3
Percent word problems	6.RP.A.3
Percents from fraction models	6.RP.A.3
Percents from tape diagrams	6.RP.A.3
Ratio tables	6.RP.A.3
Ratios and units of measurement	6.RP.A.3
Ratios on coordinate plane	6.RP.A.3
Relate fractions, decimals, and percents	6.RP.A.3
Understand equivalent ratios in the real world	6.RP.A.3
Equivalent representations of percent problems	6.RP.A.3	7.RP.A.3
Proportion word problems	6.RP.A.3	7.RP.A.3

RIT Range: 222-226

Equivalent representations of percent problems	6.RP.A.3	7.RP.A.3
Proportion word problems	6.RP.A.3	7.RP.A.3
Rates with fractions	7.RP.A.1
Compare constants of proportionality	7.RP.A.2
Constant of proportionality from equations	7.RP.A.2

The Real and Complex Number Systems

Ratios and Proportional Relationships   Standards Alignment

RIT Range: 222-226

[Constant of proportionality from graphs](#)	7.RP.A.2
[Constant of proportionality from tables](#)	7.RP.A.2
[Constant of proportionality from tables (with equations)](#)	7.RP.A.2
[Identify proportional relationships](#)	7.RP.A.2
[Identify proportional relationships from graphs](#)	7.RP.A.2
[Interpret constant of proportionality in graphs](#)	7.RP.A.2
[Interpret constants of proportionality](#)	7.RP.A.2
[Interpreting graphs of proportional relationships](#)	7.RP.A.2
[Proportional relationships](#)	7.RP.A.2
[Solving proportions](#)	7.RP.A.2
[Writing proportional equations](#)	7.RP.A.2
[Writing proportional equations from tables](#)	7.RP.A.2
[Writing proportions](#)	7.RP.A.2
[Discount, markup, and commission word problems](#)	7.RP.A.3
[Equivalent expressions with percent problems](#)	7.RP.A.3
[Percent problems](#)	7.RP.A.3
[Tax and tip word problems](#)	7.RP.A.3

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 189-200

Add using groups of 10 and 100	3.NBT.A.2
Add within 1000	3.NBT.A.2
Break apart 3-digit addition problems	3.NBT.A.2
Estimate to add and subtract multi-digit whole numbers	3.NBT.A.2
Subtract within 1000	3.NBT.A.2
Multiply by tens	3.NBT.A.3
Multiply by tens word problems	3.NBT.A.3
Meaning of multiplication	3.OA.A.1
Divide with visuals	3.OA.A.2
Meaning of division	3.OA.A.2
Multiplication and division word problems (within 100)	3.OA.A.3
Relate division to multiplication word problems	3.OA.A.3
Associative property of multiplication	3.OA.B.5
Relate division to multiplication	3.OA.B.6
Basic division	3.OA.C.7
Basic multiplication	3.OA.C.7
Divide by 1	3.OA.C.7
Divide by 10	3.OA.C.7
Divide by 2	3.OA.C.7
Divide by 3	3.OA.C.7
Divide by 4	3.OA.C.7
Divide by 5	3.OA.C.7
Divide by 6	3.OA.C.7
Divide by 7	3.OA.C.7
Divide by 8	3.OA.C.7
Divide by 9	3.OA.C.7

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 189-200

Find missing divisors and dividends (1-digit division)	3.OA.C.7
Multiply by 0 or 1	3.OA.C.7
Multiply by 2	3.OA.C.7
Multiply by 3	3.OA.C.7
Multiply by 4	3.OA.C.7
Multiply by 5	3.OA.C.7
Multiply by 6	3.OA.C.7
Multiply by 7	3.OA.C.7
Multiply by 8	3.OA.C.7
Multiply by 9	3.OA.C.7
Relate repeated addition to multiplication	3.OA.C.7
Whole numbers on the number line	3.OA.C.7
2-step estimation word problems	3.OA.D.8
2-step word problems	3.OA.D.8

RIT Range: 201-210

Telling time word problems	4.MD.A.2
Multi-digit addition	4.NBT.B.4
Multi-digit subtraction	4.NBT.B.4
Multiply 1-digit numbers by 10, 100, and 1000	4.NBT.B.5
Multiply 1-digit numbers by a multiple of 10, 100, and 1000	4.NBT.B.5
Multiply 2-, 3-, and 4-digits by 1-digit with area models	4.NBT.B.5
Multiply 2-digit numbers	4.NBT.B.5
Multiply 2-digit numbers with area models	4.NBT.B.5
Multiply using place value	4.NBT.B.5
Multiply with regrouping	4.NBT.B.5

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 201-210

Multiply without regrouping	4.NBT.B.5
Multiplying 10s	4.NBT.B.5
Cancel zeros when dividing	4.NBT.B.6
Divide by 1-digit numbers (no remainders)	4.NBT.B.6
Divide by 1-digit numbers (visual models)	4.NBT.B.6
Divide using place value	4.NBT.B.6
Divide with remainders	4.NBT.B.6
Divide with remainders (basic)	4.NBT.B.6
Intro to remainders	4.NBT.B.6
Quotients that are multiples of 10	4.NBT.B.6
Zeros in the dividend (no remainders)	4.NBT.B.6
Zeros in the quotient (no remainders)	4.NBT.B.6
Add and subtract fractions word problems (same denominator)	4.NF.B.3
Add and subtract mixed numbers (no regrouping)	4.NF.B.3
Add and subtract mixed numbers (with regrouping)	4.NF.B.3
Add and subtract mixed numbers word problems (like denominators)	4.NF.B.3
Add fractions with common denominators	4.NF.B.3
Decompose fractions	4.NF.B.3
Subtract fractions with common denominators	4.NF.B.3
Equivalent unit fraction and whole number multiplication expressions	4.NF.B.4
Multiply fractions and whole numbers intuition	4.NF.B.4
Multiply unit fractions and whole numbers	4.NF.B.4
Multiply fractions and whole numbers	4.NF.B.4 | 5.NF.B.4
Interpret multiplying fraction and whole number word problems	4.NF.B.4 | 5.NF.B.6
Multiply fractions and whole numbers word problems	4.NF.B.4 | 5.NF.B.6
Add fractions (denominators 10 & 100)	4.NF.C.5

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 201-210

Equivalent expressions with common denominators (denominators 10 & 100)	4.NF.C.5
Equivalent fractions (denominators 10 & 100)	4.NF.C.5
Equivalent fractions with fraction models (denominators 10 & 100)	4.NF.C.5
Decimals in words	4.NF.C.6
Decimals on the number line: hundredths 0-0.1	4.NF.C.6
Decimals on the number line: tenths 0-1	4.NF.C.6
Place value for decimals greater than 1	4.NF.C.6
Rewrite decimals as fractions	4.NF.C.6
Rewrite fractions as decimals (denominators of 10 & 100)	4.NF.C.6
Write decimal numbers shown in grids	4.NF.C.6
Write number as a fraction and decimal	4.NF.C.6
Compare with multiplication	4.OA.A.1
Compare with multiplication word problems	4.OA.A.1
Multiplication and division word problems	4.OA.A.2
Multi-step estimation word problems	4.OA.A.3
Multi-step word problems with whole numbers	4.OA.A.3
Factor pairs	4.OA.B.4
Identify composite numbers	4.OA.B.4
Identify factors and multiples	4.OA.B.4
Identify prime numbers	4.OA.B.4

RIT Range: 211-217

Multiply fractions and whole numbers	4.NF.B.4 | 5.NF.B.4
Interpret multiplying fraction and whole number word problems	4.NF.B.4 | 5.NF.B.6
Multiply fractions and whole numbers word problems	4.NF.B.4 | 5.NF.B.6
Multiply and divide by powers of 10	5.NBT.A.2

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 211-217

Multiply and divide decimals by 10	5.NBT.A.2
Multiply and divide decimals by 10, 100, and 1000	5.NBT.A.2
Multiply and divide whole numbers by 10, 100, and 1000	5.NBT.A.2
Estimate multi-digit multiplication problems	5.NBT.B.5
Multi-digit multiplication	5.NBT.B.5
Multiply by taking out factors of 10	5.NBT.B.5
Basic multi-digit division	5.NBT.B.6
Divide by taking out factors of 10	5.NBT.B.6
Estimate multi-digit division problems	5.NBT.B.6
Add decimals like 0.7+0.5	5.NBT.B.7
Add decimals like 0.76+0.21	5.NBT.B.7
Add decimals like 4+5.7	5.NBT.B.7
Add decimals like 40.1+7.6	5.NBT.B.7
Add decimals like 47.75+11.98	5.NBT.B.7
Add decimals like 5.53+6.1	5.NBT.B.7
Add decimals visually	5.NBT.B.7
Divide decimals and whole numbers by 0.1 or 0.01	5.NBT.B.7
Divide decimals like 0.72÷0.08	5.NBT.B.7
Divide decimals like 1.32÷0.12	5.NBT.B.7
Divide decimals like 1.86÷2	5.NBT.B.7
Divide decimals like 16.8÷40 by factoring out a 10	5.NBT.B.7
Divide decimals visually	5.NBT.B.7
Divide whole numbers like 63÷12 to get a decimal	5.NBT.B.7
Divide whole numbers like 7÷5 to get a decimal	5.NBT.B.7
Divide whole numbers like 80÷200 to get a decimal	5.NBT.B.7
Estimating with adding decimals	5.NBT.B.7

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 211-217

[Estimating with dividing decimals](#)	5.NBT.B.7
[Estimating with multiplying decimals](#)	5.NBT.B.7
[Estimating with subtracting decimals](#)	5.NBT.B.7
[Multiply decimals like 0.56x4](#)	5.NBT.B.7
[Multiply decimals like 0.6x0.4](#)	5.NBT.B.7
[Multiply decimals like 1.7x0.12](#)	5.NBT.B.7
[Multiply decimals visually](#)	5.NBT.B.7
[Subtract decimals like 0.6-0.43](#)	5.NBT.B.7
[Subtract decimals like 0.75-0.56](#)	5.NBT.B.7
[Subtract decimals like 0.9-0.7](#)	5.NBT.B.7
[Subtract decimals like 1.6-0.3](#)	5.NBT.B.7
[Subtract decimals like 15-7.45](#)	5.NBT.B.7
[Subtract decimals like 56.8-17.9](#)	5.NBT.B.7
[Subtract decimals like 67.89-6](#)	5.NBT.B.7
[Subtract decimals like 78.4-3](#)	5.NBT.B.7
[Subtract decimals visually](#)	5.NBT.B.7
[Multiplying decimals like 4x0.6 (standard algorithm)](#)	5.NBT.B.7 | 6.NS.B.3
[Add and subtract fractions challenge](#)	5.NF.A.1
[Add and subtract mixed numbers with unlike denominators (no regrouping)](#)	5.NF.A.1
[Add and subtract mixed numbers with unlike denominators (regrouping)](#)	5.NF.A.1
[Add fractions with unlike denominators](#)	5.NF.A.1
[Equivalent expressions with common denominators](#)	5.NF.A.1
[Subtracting fractions with unlike denominators](#)	5.NF.A.1
[Visually add and subtract fractions](#)	5.NF.A.1
[Add and subtract fractions word problems](#)	5.NF.A.2

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 211-217

Fractions as division word problems	5.NF.B.3
Area of rectangles with fraction side lengths	5.NF.B.4
Multiply fractions and whole numbers visually	5.NF.B.4
Multiply mixed numbers	5.NF.B.4
Multiplying fractions	5.NF.B.4
Multiplying fractions with visuals	5.NF.B.4
Fraction multiplication as scaling	5.NF.B.5
Multiply fractions word problems	5.NF.B.6
Dividing unit fractions by whole numbers	5.NF.B.7
Dividing unit fractions by whole numbers visually	5.NF.B.7
Dividing whole numbers by unit fractions	5.NF.B.7
Dividing whole numbers by unit fractions visually	5.NF.B.7

RIT Range: 218-221

Multiplying decimals like 4x0.6 (standard algorithm)	5.NBT.B.7 | 6.NS.B.3
Divide mixed numbers	6.NS.A.1
Divide whole numbers by fractions	6.NS.A.1
Dividing fractions	6.NS.A.1
Dividing fractions word problems	6.NS.A.1
Division by 2-digits	6.NS.B.2
Multi-digit division	6.NS.B.2
Adding & subtracting decimals word problems	6.NS.B.3
Adding decimals: thousandths	6.NS.B.3
Dividing decimals: hundredths	6.NS.B.3
Dividing decimals: thousandths	6.NS.B.3
Dividing whole numbers like 56÷35 to get a decimal	6.NS.B.3

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 218-221

Multiplying decimals like 0.847x3.54 (standard algorithm)	6.NS.B.3
Multiplying decimals like 2.45x3.6 (standard algorithm)	6.NS.B.3
Subtracting decimals: thousandths	6.NS.B.3
GCF & LCM word problems	6.NS.B.4
Greatest common factor	6.NS.B.4
Least common multiple	6.NS.B.4

RIT Range: 222-226

Absolute value to find distance	7.NS.A.1
Absolute value to find distance challenge	7.NS.A.1
Adding & subtracting negative fractions	7.NS.A.1
Adding & subtracting negative numbers	7.NS.A.1
Adding & subtracting rational numbers	7.NS.A.1
Adding negative numbers	7.NS.A.1
Adding negative numbers on the number line	7.NS.A.1
Addition & subtraction: find the missing value	7.NS.A.1
Equivalent expressions with negative numbers	7.NS.A.1
Interpret negative number addition and subtraction expressions	7.NS.A.1
Missing numbers on the number line	7.NS.A.1
Number equations & number lines	7.NS.A.1
Ordering negative number expressions	7.NS.A.1
Signs of sums	7.NS.A.1
Substitution with negative numbers	7.NS.A.1
Subtracting negative numbers	7.NS.A.1
Understand subtraction as adding the opposite	7.NS.A.1
Order of operations with negative numbers	7.NS.A.1	7.NS.A.2

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 222-226

Interpreting negative number statements	7.NS.A.1	7.NS.A.3
Negative number addition and subtraction: word problems	7.NS.A.1	7.NS.A.3
Converting fractions to decimals	7.NS.A.2
Dividing by zero	7.NS.A.2
Dividing mixed numbers with negatives	7.NS.A.2
Dividing positive and negative fractions	7.NS.A.2
Equivalent expressions with negative numbers (multiplication and division)	7.NS.A.2
Exponents with integer bases	7.NS.A.2
Multiplying & dividing negative numbers word problems	7.NS.A.2
Multiplying negative numbers	7.NS.A.2
Multiplying positive and negative fractions	7.NS.A.2
Negative signs in fractions	7.NS.A.2
Order rational numbers	7.NS.A.2
Signs of expressions	7.NS.A.2
Signs of expressions challenge	7.NS.A.2
Simplify complex fractions	7.NS.A.2	7.NS.A.3

RIT Range: 229-242

Interpret units in formulas	HSN-Q.A.1
Multiple units word problems	HSN-Q.A.1

RIT Range: 243-252

Classify complex numbers	HSN-CN.A.1
Parts of complex numbers	HSN-CN.A.1
Simplify roots of negative numbers	HSN-CN.A.1
Add & subtract complex numbers	HSN-CN.A.2
Multiply complex numbers	HSN-CN.A.2

The Real and Complex Number Systems

Perform Operations   Standards Alignment

RIT Range: 243-252

Multiply complex numbers (basic)   HSN-CN.A.2

Powers of the imaginary unit   HSN-CN.A.2

The Real and Complex Number Systems

Extend and Use Properties   Standards Alignment

RIT Range: 189-200

Identify numerators and denominators	3.NF.A.1
Identify unit fractions	3.NF.A.1
Recognize fractions	3.NF.A.1
Recognize fractions greater than 1	3.NF.A.1
Compare fractions of different wholes	3.NF.A.3
Compare fractions with the same denominator	3.NF.A.3
Compare fractions with the same numerator	3.NF.A.3
Compare fractions with the same numerator or denominator	3.NF.A.3
Equivalent fractions on the number line	3.NF.A.3
Relate fractions to 1	3.NF.A.3
Write fractions as whole numbers	3.NF.A.3

RIT Range: 201-210

Equivalent fractions	4.NF.A.1
Equivalent fractions (fraction models)	4.NF.A.1
Common denominators	4.NF.A.2
Compare fractions and mixed numbers	4.NF.A.2
Compare fractions with different numerators and denominators	4.NF.A.2
Equivalent fractions and different wholes	4.NF.A.2
Order fractions	4.NF.A.2
Visually compare fractions with unlike denominators	4.NF.A.2
Rewrite mixed numbers and improper fractions	4.NF.B.3
Decompose fractions with denominators of 100	4.NF.C.5
Decimals on the number line: hundredths	4.NF.C.6
Decimals on the number line: tenths	4.NF.C.6
Compare decimals (tenths and hundredths)	4.NF.C.7

The Real and Complex Number Systems

Extend and Use Properties   Standards Alignment

RIT Range: 201-210

Compare decimals and fractions   4.NF.C.7

Compare decimals visually   4.NF.C.7

RIT Range: 211-217

Graph points   5.G.A.1

Identify coordinates   5.G.A.1

Identify points   5.G.A.1

Compare decimals challenge   5.NBT.A.3

Compare decimals through thousandths   5.NBT.A.3

Compare decimals word problems   5.NBT.A.3

Order decimals   5.NBT.A.3

Fractions as division   5.NF.B.3

RIT Range: 218-221

Interpreting negative numbers   6.NS.C.5

Missing numbers on the number line   6.NS.C.6

Negative decimals on the number line   6.NS.C.6

Negative numbers on the number line   6.NS.C.6

Negative symbol as opposite   6.NS.C.6

Number opposites   6.NS.C.6

Number opposites challenge   6.NS.C.6

Points on the coordinate plane   6.NS.C.6

Quadrants on the coordinate plane   6.NS.C.6

Rational numbers on the number line   6.NS.C.6

Coordinate plane problems in all four quadrants   6.NS.C.6 | 6.NS.C.8

Distance between points: vertical or horizontal   6.NS.C.6 | 6.NS.C.8

Compare and order absolute values   6.NS.C.7

The Real and Complex Number Systems

Extend and Use Properties   Standards Alignment

RIT Range: 218-221

Compare rational numbers	6.NS.C.7
Comparing absolute values challenge	6.NS.C.7
Finding absolute values	6.NS.C.7
Interpreting absolute value	6.NS.C.7
Negative numbers, variables, number line	6.NS.C.7
Ordering negative numbers	6.NS.C.7
Ordering small negative numbers	6.NS.C.7
Writing numerical inequalities	6.NS.C.7

RIT Range: 227-228

Classify numbers	8.NS.A.1
Classify numbers: rational & irrational	8.NS.A.1
Converting multi-digit repeating decimals to fractions	8.NS.A.1
Converting repeating decimals to fractions	8.NS.A.1
Writing fractions as repeating decimals	8.NS.A.1
Approximating square roots (1)	8.NS.A.2
Approximating square roots (2)	8.NS.A.2
Comparing irrational numbers	8.NS.A.2
Comparing irrational numbers with a calculator	8.NS.A.2

RIT Range: 229-242

4th & 5th roots	HSN-RN.A.2
Evaluate radical expressions challenge	HSN-RN.A.2
Fractional exponents	HSN-RN.A.2
Properties of exponents (rational exponents)	HSN-RN.A.2
Properties of exponents challenge (rational exponents)	HSN-RN.A.2
Rational exponents challenge	HSN-RN.A.2

The Real and Complex Number Systems

Extend and Use Properties   Standards Alignment

RIT Range: 229-242

Simplify square roots   HSN-RN.A.2

Simplify square-root expressions   HSN-RN.A.2

Simplify square-roots (variables)   HSN-RN.A.2

Unit-fraction exponents   HSN-RN.A.2

Rational vs. irrational expressions   HSN-RN.B.3