



NWEA® MAP Growth plan for grades 2-5

IXL provides skill alignments with recommended IXL skills for every student. Find the IXL skills that are right for you below!

Topic	Operations and Algebraic Thinking	Number and Operations
	Measurement and Data	Geometry

Operations and Algebraic Thinking

RIT Score: 179-185

Represent and Solve Problems

1. Addition word problems - up to two digits
2. Write the addition sentence - up to two digits

3. Subtraction word problems - up to two digits
 4. Write the subtraction sentence - up to two digits
 5. Addition and subtraction word problems - up to 100
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Analyze Patterns and Relationships

1. Even or odd
2. Add doubles - complete the sentence

RIT Score: 186-191

Represent and Solve Problems

1. Identify repeated addition in arrays: sums to 25
 2. Write addition sentences for arrays: sums to 25
 3. Add three numbers up to two digits each: word problems
 4. Add four numbers up to two digits each: word problems
 5. Complete the addition sentence - up to three digits
 6. Complete the subtraction sentence - up to three digits
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Analyze Patterns and Relationships

1. Related addition facts
2. Related subtraction facts

3. Fact families

RIT Score: 192-197

Represent and Solve Problems

1. Add three numbers up to three digits each: word problems
2. Subtract numbers up to three digits - word problems
3. Count equal groups
4. Identify multiplication expressions for equal groups
5. Write multiplication sentences for equal groups
6. Relate addition and multiplication for equal groups
7. Identify multiplication expressions for arrays
8. Write multiplication sentences for arrays
9. Make arrays to model multiplication
10. Write multiplication sentences for number lines
11. Multiply by 0
12. Multiply by 1
13. Multiply by 2
14. Multiply by 3
15. Multiply by 4

16. Multiply by 5
17. Multiply by 6
18. Multiply by 7
19. Multiply by 8
20. Multiply by 9
21. Multiply by 10
22. Divide by counting equal groups
23. Write division sentences for groups
24. Relate multiplication and division for groups
25. Write division sentences for arrays
26. Relate multiplication and division for arrays
27. Divide by 1
28. Divide by 2
29. Divide by 3
30. Divide by 4
31. Divide by 5
32. Divide by 6
33. Divide by 7
34. Divide by 8
35. Divide by 9

36. Divide by 10

37. Relate addition and multiplication

Analyze Patterns and Relationships

1. Addition patterns over increasing place values
2. Subtraction patterns over increasing place values

RIT Score: 198-202

Represent and Solve Problems

1. Multiplication tables for 2, 3, 4, 5, and 10
2. Multiplication facts for 2, 3, 4, 5, and 10: true or false?
3. Multiplication facts for 2, 3, 4, 5, and 10: sorting
4. Multiplication facts for 2, 3, 4, 5, and 10: find the missing factor
5. Multiplication tables for 6, 7, 8, and 9
6. Multiplication facts for 6, 7, 8, and 9: true or false?
7. Multiplication facts for 6, 7, 8, and 9: sorting
8. Multiplication facts for 6, 7, 8, and 9: find the missing factor
9. Multiplication tables up to 10
10. Multiplication facts up to 10: true or false?
11. Multiplication facts up to 10: sorting

12. Multiplication facts up to 10: find the missing factor
13. Multiplication facts up to 10: select the missing factors
14. Multiplication sentences up to 10: true or false?
15. Squares up to 10×10
16. Multiplication input/output tables
17. Multiplication word problems
18. Multiplication word problems: find the missing factor
19. Division facts for 2, 3, 4, 5, and 10
20. Division facts for 2, 3, 4, 5, and 10: true or false?
21. Division facts for 2, 3, 4, 5, and 10: sorting
22. Division facts for 6, 7, 8, and 9
23. Division facts for 6, 7, 8, and 9: true or false?
24. Division facts for 6, 7, 8, and 9: sorting
25. Division facts up to 10
26. Division facts up to 10: true or false?
27. Division facts up to 10: sorting
28. Division facts up to 10: find the missing number
29. Division facts up to 10: select the missing numbers
30. Division sentences up to 10: true or false?
31. Division input/output tables

32. Division word problems
 33. Addition, subtraction, multiplication, and division facts
 34. Complete the addition, subtraction, multiplication, or division sentence
 35. Multiplication and division facts up to 5: true or false?
 36. Multiplication and division facts up to 10: true or false?
 37. Add, subtract, multiply, and divide
 38. Addition, subtraction, multiplication, and division word problems
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Analyze Patterns and Relationships

1. Multiplication input/output tables: find the rule
2. Division input/output tables: find the rule
3. Perform multiple operations with whole numbers
4. Two-step mixed operation word problems
5. Properties of multiplication
6. Distributive property: find the missing factor
7. Multiply using the distributive property
8. Solve using properties of multiplication

RIT Score: 203-207

Represent and Solve Problems

1. Add two numbers up to five digits: word problems
 2. Subtract numbers up to five digits: word problems
 3. Compare numbers using multiplication
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Analyze Patterns and Relationships

1. Prime and composite: up to 20
2. Identify factors
3. Make a repeating pattern

RIT Score: 208-212

Represent and Solve Problems

1. Multiply a 2-digit number by a 2-digit number: word problems
2. Divide 2-digit numbers by 1-digit numbers: word problems
3. Divide 2-digit numbers by 1-digit numbers: interpret remainders
4. Divide larger numbers by 1-digit numbers: word problems
5. Divide larger numbers by 1-digit numbers: interpret remainders
6. Addition, subtraction, multiplication, and division word problems
7. Word problems with extra or missing information
8. Multi-step word problems

Analyze Patterns and Relationships

1. Prime and composite: up to 100
2. Multiplication patterns over increasing place values
3. Multiplication input/output tables
4. Division patterns over increasing place values
5. Use a rule to complete a number pattern

RIT Score: 213-216

Represent and Solve Problems

1. Multiply by 2-digit numbers: word problems
2. Multiply three or more numbers: word problems
3. Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems
4. Write numerical expressions: two operations
5. Add and subtract money: word problems

Analyze Patterns and Relationships

1. Complete a table from a graph

RIT Score: 216-219

Represent and Solve Problems

1. Add and subtract decimals: word problems
2. Multiply decimals and whole numbers: word problems
3. Division with decimal quotients: word problems
4. Evaluate numerical expressions
5. Multiply money amounts: word problems
6. Divide money amounts: word problems

Analyze Patterns and Relationships

1. Complete a table for a two-variable relationship
2. Graph a two-variable relationship

Number and Operations

RIT Score: 179-185

Understand Place Value, Counting, and Cardinality

1. Skip-counting by fives
2. Comparing numbers up to 1,000
3. Writing numbers up to 100 in words - convert words to digits
4. Writing numbers up to 100 in words - convert digits to words

5. Place value models - up to hundreds
6. Identify a digit up to the hundreds place
7. Place value - up to hundreds
8. Regroup tens and ones - ways to make a number
9. Regroup tens and ones
10. Convert to/from a number - up to hundreds

Number and Operations in Base Ten

1. Add zero
2. Add multiples of 10
3. Ways to make a number using addition
4. Add three numbers up to two digits each
5. Add four numbers up to two digits each
6. Subtract multiples of 10
7. Ways to make a number using subtraction

RIT Score: 186-191

Understand Place Value, Counting, and Cardinality

1. Writing numbers up to 1,000 in words - convert words to digits
2. Writing numbers up to 1,000 in words - convert digits to words

3. Convert from expanded form - up to hundreds

Number and Operations in Base Ten

1. Add a two-digit and a one-digit number - without regrouping
2. Add a two-digit and a one-digit number - with regrouping
3. Add two-digit numbers without regrouping - sums to 100
4. Add two-digit numbers with regrouping - sums to 100
5. Complete the addition sentence - up to two digits
6. Subtract a one-digit number from a two-digit number - without regrouping
7. Subtract a one-digit number from a two-digit number - with regrouping
8. Subtract two two-digit numbers - without regrouping
9. Subtract two two-digit numbers - with regrouping
10. Complete the subtraction sentence - up to two digits
11. Add multiples of 100
12. Add multiples of 10 or 100
13. Addition with three-digit numbers
14. Subtract multiples of 100
15. Subtract multiples of 10 or 100
16. Add and subtract numbers up to 100

17. Addition and subtraction - ways to make a number - up to 100

18. Which sign (+ or -) makes the number sentence true?

RIT Score: 192-197

Understand Place Value, Counting, and Cardinality

1. Rounding - nearest ten or hundred only

Number and Operations in Base Ten

1. Addition input/output tables: up to three digits

2. Add three numbers up to three digits each

3. Subtract numbers up to three digits

4. Subtraction input/output tables - up to three digits

5. Multiply by 10

6. Rounding - nearest ten or hundred only

7. Rounding

Number and Operations - Fractions

1. Understand fractions: fraction bars

2. Understand fractions: area models

3. Show fractions: fraction bars

4. Show fractions: area models
5. Match fractions to models: halves, thirds, and fourths
6. Match unit fractions to models
7. Match fractions to models
8. Fractions of number lines: unit fractions
9. Fractions of number lines
10. Identify unit fractions on number lines
11. Identify fractions on number lines
12. Graph unit fractions on number lines
13. Graph fractions on number lines
14. Unit fractions: modeling word problems
15. Unit fractions: word problems
16. Fractions of a whole: modeling word problems
17. Fractions of a whole: word problems

RIT Score: 198-202

Understand Place Value, Counting, and Cardinality

1. Rounding - nearest ten or hundred only
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Number and Operations in Base Ten

1. Balance addition equations: up to three digits
 2. Complete the subtraction sentence - up to three digits
 3. Balance subtraction equations - up to three digits
 4. Multiply by a multiple of ten
 5. Properties of addition
 6. Complete the equation using properties of addition
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Number and Operations - Fractions

1. Graph smaller or larger fractions on a number line
2. Find equivalent fractions using area models: two models
3. Identify equivalent fractions on number lines
4. Find equivalent fractions using number lines
5. Graph equivalent fractions on number lines
6. Identify equivalent fractions
7. Find equivalent fractions
8. Graph fractions equivalent to 1 on number lines
9. Select fractions equivalent to whole numbers using area models
10. Find fractions equivalent to whole numbers
11. Find equivalent fractions with denominators of 10 and 100
12. Write fractions in lowest terms

13. Compare fractions using models
14. Compare fractions using number lines
15. Graph and compare fractions with like denominators on number line
16. Graph and compare fractions with like numerators on number line
17. Graph and compare fractions on number lines
18. Compare fractions
19. Compare fractions in recipes

RIT Score: 203-207

Understand Place Value, Counting, and Cardinality

1. Convert between standard and expanded form
2. Value of a digit
3. Place value review
4. Writing numbers up to 1,000 in words: convert words to digits
5. Writing numbers up to 1,000 in words: convert digits to words
6. Writing numbers up to 100,000 in words: convert words to digits
7. Writing numbers up to 100,000 in words: convert digits to words
8. Writing numbers up to one million in words: convert words to digits
9. Writing numbers up to one million in words: convert digits to words

10. Rounding: up to millions place
11. Compare numbers up to one hundred thousand
12. Compare numbers up to one million
13. Place value word problems

Number and Operations in Base Ten

1. Add two numbers up to five digits
2. Addition: fill in the missing digits
3. Properties of addition
4. Add 3 or more numbers up to millions
5. Choose numbers with a particular sum
6. Subtract numbers up to five digits
7. Subtraction: fill in the missing digits
8. Choose numbers with a particular difference
9. Multiplication facts to 12
10. Multiply 1-digit numbers by 2-digit numbers
11. Multiply 1-digit numbers by 3-digit or 4-digit numbers
12. Distributive property: find the missing factor
13. Multiply using the distributive property
14. Mentally add and subtract numbers ending in zeroes

Number and Operations - Fractions

1. Find equivalent fractions using area models
2. Graph equivalent fractions on number lines
3. Compare fractions using models
4. Compare fractions
5. Compare fractions in recipes
6. Decompose fractions into unit fractions
7. Decompose fractions multiple ways
8. Add fractions with like denominators using number lines
9. Add fractions with like denominators
10. Subtract fractions with like denominators using number lines
11. Subtract fractions with like denominators
12. Add and subtract fractions with like denominators using number lines
13. Add and subtract fractions with like denominators in recipes

RIT Score: 208-212

Understand Place Value, Counting, and Cardinality

1. Estimate sums
2. Estimate sums: word problems

3. Estimate differences
 4. Estimate differences: word problems
 5. Estimate products: multiply by 1-digit numbers
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Number and Operations in Base Ten

1. Multiply a 2-digit number by a 2-digit number: complete the missing steps
 2. Multiply a 2-digit number by a 2-digit number
 3. Divide 2-digit numbers by 1-digit numbers
 4. Divide 2-digit numbers by 1-digit numbers: complete the table
 5. Divide 2-digit numbers by 1-digit numbers: interpret remainders
 6. Divide larger numbers by 1-digit numbers
 7. Divide larger numbers by 1-digit numbers: complete the table
 8. Divide larger numbers by 1-digit numbers: interpret remainders
 9. Choose numbers with a particular quotient
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Number and Operations - Fractions

1. Identify fraction expressions with a particular sum: denominators of 10 and 100
2. Multiply unit fractions by whole numbers using number lines
3. Multiply unit fractions by whole numbers using models
4. Multiply unit fractions by whole numbers: sorting

5. Multiply unit fractions by whole numbers: word problems
6. Multiply fractions by whole numbers using number lines
7. Multiply fractions by whole numbers: sorting
8. Multiply fractions by whole numbers: word problems
9. Multiply fractions and mixed numbers by whole numbers in recipes
10. Graph fractions as decimals on number lines
11. Convert fractions and mixed numbers to decimals - denominators 10 and 100
12. Convert decimals to fractions and mixed numbers
13. Compare decimals on number lines
14. Compare decimal numbers
15. Compare decimals and fractions on number lines
16. Compare decimals and fractions

RIT Score: 213-216

Understand Place Value, Counting, and Cardinality

1. Convert between standard and expanded form
2. Place value
3. What decimal number is illustrated?
4. Place values in decimal numbers

5. Round decimals

Number and Operations in Base Ten

1. Multiply by 2-digit numbers: complete the missing steps
 2. Multiply 2-digit numbers by 2-digit numbers
 3. Multiply 2-digit numbers by 3-digit numbers
 4. Multiply 2-digit numbers by larger numbers
 5. Multiply three or more numbers up to 2 digits each
 6. Multiply by 3-digit numbers
 7. Multiply three numbers up to 3 digits each
 8. Divide 2-digit and 3-digit numbers by 2-digit numbers
 9. Choose numbers with a particular quotient
 10. Add and subtract money amounts
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Number and Operations - Fractions

1. Fractions review
2. Fractions of a whole: word problems
3. Add and subtract fractions with like denominators: word problems
4. Add fractions with unlike denominators using models
5. Add up to 4 fractions with denominators of 10 and 100
6. Add fractions with unlike denominators

7. Subtract fractions with unlike denominators using models
8. Subtract fractions with unlike denominators
9. Add and subtract fractions with unlike denominators: word problem
10. Add 3 or more fractions with unlike denominators
11. Add 3 or more fractions: word problems
12. Complete addition and subtraction sentences with fractions
13. Add mixed numbers with unlike denominators
14. Subtract mixed numbers with unlike denominators
15. Add and subtract mixed numbers: word problems
16. Add and subtract fractions in recipes
17. Complete addition and subtraction sentences with mixed numbers

RIT Score: 216-219

Understand Place Value, Counting, and Cardinality

1. Convert decimals between standard and expanded form
2. Compare decimals on number lines
3. Convert decimals between standard and expanded form using fractions
4. Estimate sums and differences of decimals using rounding
5. Multiply a decimal by a power of ten

6. Divide by powers of ten
 7. Decimal division patterns over increasing place values
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Number and Operations in Base Ten

1. Multiply a decimal by a multi-digit whole number
 2. Multiply three or more numbers, one of which is a decimal
 3. Multiply two decimals using grids
 4. Multiply two decimals: products up to hundredths
 5. Division with decimal quotients
 6. Division with decimal quotients and rounding
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Number and Operations - Fractions

1. Multiply fractions by whole numbers I
2. Multiply fractions by whole numbers II
3. Multiply fractions by whole numbers: word problems
4. Multiply fractions by whole numbers: input/output tables
5. Multiply two unit fractions using models
6. Multiply two fractions using models: fill in the missing factor
7. Multiply two fractions using models
8. Multiply two fractions
9. Multiply two fractions: word problems

10. Scaling whole numbers by fractions
11. Scaling fractions by fractions
12. Scaling mixed numbers by fractions
13. Multiply a mixed number by a whole number
14. Multiply a mixed number by a fraction
15. Multiply two mixed numbers
16. Multiplication with mixed numbers: word problems
17. Multiply fractions and mixed numbers in recipes
18. Divide unit fractions by whole numbers
19. Divide whole numbers by unit fractions using models
20. Divide whole numbers by unit fractions
21. Divide fractions by whole numbers
22. Divide unit fractions and whole numbers: word problems

Measurement and Data

RIT Score: 179-185

Geometric Measurement and Problem

1. Number lines - up to 100

Solving

2. Number lines - up to 1,000
3. Addition sentences using number lines - sums up to 20
4. Subtraction sentences using number lines - up to 20
5. Names and values of common coins
6. Count money - pennies, nickels, and dimes only
7. Count money - up to \$1
8. Count money - up to \$5
9. Equivalent amounts of money - up to \$1
10. Exchanging money - with pictures
11. Comparing groups of coins
12. Match digital clocks and times
13. Match analog clocks and times
14. Match analog and digital clocks
15. Read clocks and write times: hour and half hour
16. Read clocks and write times
17. A.M. or P.M.
18. Measure using an inch ruler
19. Which customary unit of length is appropriate: inches, feet, or yard?
20. Measure using a centimeter ruler
21. Which metric unit of length is appropriate?

Represent and Interpret Data

1. Interpret bar graphs II
2. Which bar graph is correct?

RIT Score: 186-191

Geometric Measurement and Problem Solving

1. Add money - up to \$1
2. Add money - up to \$1: word problems
3. Subtract money - up to \$1
4. Subtract money - up to \$1: word problems
5. Add and subtract money - up to \$1
6. Add and subtract money - up to \$1: word problems
7. Purchases - do you have enough money - up to \$1
8. Purchases - do you have enough money - up to \$5
9. Which picture shows more - up to \$5
10. Least number of coins
11. How much more to make a dollar?
12. Making change
13. Customary units of length: word problems

14. Metric units of length: word problems

Represent and Interpret Data

1. Create line plots

RIT Score: 192-197

Geometric Measurement and Problem Solving

1. Match clocks and times
2. Match analog and digital clocks
3. Read clocks and write times
4. A.M. or P.M.
5. Write times
6. Measure using an inch ruler
7. Which metric unit of weight is appropriate?
8. Perimeter of rectangles
9. Perimeter of rectilinear shapes
10. Perimeter of polygons
11. Perimeter: find the missing side length
12. Perimeter: word problems
13. Find the area of figures made of unit squares

14. Select figures with a given area
 15. Select two figures with the same area
 16. Create rectangles with a given area
 17. Find the area of rectangles with missing unit squares
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Represent and Interpret Data

1. Create bar graphs
2. Create pictographs

RIT Score: 198-202

Geometric Measurement and Problem Solving

1. Find the area of rectangles and squares
 2. Find the area of rectangles: word problems
 3. Find the area of complex figures
 4. Relationship between area and perimeter I
 5. Relationship between area and perimeter II
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Represent and Interpret Data

1. Use bar graphs to solve problems
2. Create line plots with fractions

RIT Score: 203-207

Geometric Measurement and Problem Solving

1. Which customary unit is appropriate?
2. Compare and convert customary units of length
3. Compare and convert customary units of weight
4. Compare and convert customary units of volume
5. Compare and convert customary units
6. Conversion tables - customary units
7. Compare customary units by multiplying
8. Convert mixed customary units
9. Which metric unit is appropriate?
10. Compare and convert metric units of length
11. Compare and convert metric units of weight
12. Compare and convert metric units of volume
13. Compare and convert metric units
14. Conversion tables - metric units
15. Convert metric mixed units
16. Convert time units
17. Fractions of time units

Represent and Interpret Data

1. Interpret line graphs
2. Create line graphs
3. Elapsed time: word problems
4. Find start and end times: multi-step word problems

RIT Score: 208-212

Geometric Measurement and Problem Solving

1. Angles of 90, 180, 270, and 360 degrees
2. Measure angles with a protractor
3. Estimate angle measurements
4. Adjacent angles
5. Find the area or missing side length of a rectangle
6. Area between two rectangles
7. Relationship between area and perimeter
8. Area and perimeter: word problems

Represent and Interpret Data

1. Interpret line plots
2. Create line plots

3. Create and interpret line plots with fractions

RIT Score: 213-216

Geometric Measurement and Problem Solving

1. Compare and convert customary units of length
2. Compare and convert customary units of weight
3. Compare and convert customary units of volume
4. Compare and convert customary units
5. Conversion tables - customary units
6. Compare and convert metric units of length
7. Compare and convert metric units of weight
8. Compare and convert metric units of volume
9. Compare and convert metric units
10. Conversion tables - metric units

Represent and Interpret Data

1. Interpret line graphs
2. Create line graphs

RIT Score: 216-219

Geometric Measurement and Problem Solving

1. Compare customary units by multiplying
2. Convert customary units involving fractions
3. Convert mixed customary units
4. Add and subtract mixed customary units
5. Convert metric mixed units
6. Add and subtract metric mixed units
7. Area of squares and rectangles
8. Area and perimeter: word problems
9. Volume of rectangular prisms made of unit cubes
10. Volume of irregular figures made of unit cubes
11. Volume of cubes and rectangular prisms

Represent and Interpret Data

1. Create and interpret line plots with fractions

Geometry

RIT Score: 179-185

Reason with Shapes, Attributes, &
Coordinate Plane

1. Name the two-dimensional shape
2. Select two-dimensional shapes
3. Count sides and vertices
4. Compare sides and vertices

RIT Score: 186-191

Reason with Shapes, Attributes, &
Coordinate Plane

1. Count vertices, edges, and faces
2. Compare vertices, edges, and faces
3. Identify faces of three-dimensional shapes
4. Identify shapes traced from solids
5. Equal parts
6. Identify halves
7. Identify thirds
8. Identify fourths

RIT Score: 192-197

Reason with Shapes, Attributes, &
Coordinate Plane

1. Identify equal parts
2. Match unit fractions to models

RIT Score: 198-202

Reason with Shapes, Attributes, &
Coordinate Plane

1. Identify parallelograms
2. Identify trapezoids
3. Identify rectangles
4. Identify rhombuses
5. Classify quadrilaterals

RIT Score: 203-207

Reason with Shapes, Attributes, &
Coordinate Plane

1. Lines, line segments, and rays
2. Parallel, perpendicular, and intersecting lines
3. Identify parallelograms
4. Identify trapezoids
5. Identify rectangles
6. Identify rhombuses

RIT Score: 208-212

Reason with Shapes, Attributes, &
Coordinate Plane

1. Acute, obtuse, and right triangles
2. Parallel sides in quadrilaterals
3. Classify quadrilaterals
4. Identify lines of symmetry
5. Draw lines of symmetry
6. Count lines of symmetry
7. Acute, right, obtuse, and straight angles

RIT Score: 213-216

Reason with Shapes, Attributes, &
Coordinate Plane

1. Acute, obtuse, and right triangles
2. Scalene, isosceles, and equilateral triangles
3. Classify triangles
4. Parallel sides in quadrilaterals
5. Identify parallelograms
6. Identify rectangles
7. Identify rhombuses

8. Classify quadrilaterals

RIT Score: 216-219

Reason with Shapes, Attributes, &
Coordinate Plane

1. Objects on a coordinate plane
2. Graph points on a coordinate plane
3. Follow directions on a coordinate plane
4. Is it a polygon?