



IXL Skill Alignment

5th grade alignment for Sadlier Math



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Chapter 1

Place Value, Addition and Subtraction

Textbook section	IXL skills
1-1: Place Value to Billions	<ol style="list-style-type: none"> Value of a digit 7KA Number names 53V <p><i>Also consider</i></p> <ul style="list-style-type: none"> Spell word names for numbers up to one million ZEC
1-2: Expanded Form	<ol style="list-style-type: none"> Convert between standard and expanded form HU7 Relationship between place values ESA <p><i>Also consider</i></p> <ul style="list-style-type: none"> Place value 83P
1-3: Powers of Ten	<ol style="list-style-type: none"> Multiply and divide by a power of ten with exponents: whole number answers CTE <p><i>Also consider</i></p> <ul style="list-style-type: none"> Powers of ten 6JE
1-4: Problem Solving: Use the Four-Step Process	<ol style="list-style-type: none"> Compare numbers using multiplication: word problems H6U
1-5: Addition Properties and Subtraction Rules	<ol style="list-style-type: none"> Properties of addition LFE Add using properties RZR Find the unknown addend 9NB
1-6: Estimate Sums and Differences	<ol style="list-style-type: none"> Estimate sums and differences of whole numbers 9RM Estimate sums and differences: word problems KTA
1-7: Find Sums and Differences	<ol style="list-style-type: none"> Add and subtract whole numbers B8Y Add and subtract whole numbers: word problems JYY

Chapter 2

Place Value and Decimals

Textbook section	IXL skills
2-1: Thousandths	<ol style="list-style-type: none"> Convert fractions and mixed numbers to decimals: denominators of 10, 100, or 1,000 N5J Understanding decimals expressed in words F9G Equivalent decimals EEJ
2-2: Decimals and Expanded Form	<ol style="list-style-type: none"> Convert decimals between standard and expanded form WTU Convert decimals between standard and expanded form using fractions BLQ <p><i>Also consider</i></p> <ul style="list-style-type: none"> Place values in decimal numbers X8U Relationship between decimal place values DVM
2-3: Compare and Order Decimals	<ol style="list-style-type: none"> Compare decimals HZU Put decimal numbers in order YUX <p><i>Also consider</i></p> <ul style="list-style-type: none"> Compare decimals to a model B2M Compare decimals on number lines CUF
2-4: Round Decimals	<ol style="list-style-type: none"> Round decimals MPB
2-5: Problem Solving: Use Logical Reasoning	<ol style="list-style-type: none"> Compare, order, and round decimals: word problems 2MV
2-6: Estimate with Decimals	<ol style="list-style-type: none"> Estimate sums and differences of decimals using rounding YGG <p><i>Also consider</i></p> <ul style="list-style-type: none"> Estimate sums and differences of decimals using benchmarks CHE

Chapter 3

Multiplication

Textbook section	IXL skills
3-1: Multiplication Properties	1. Properties of multiplication LUE <i>Also consider</i> <ul style="list-style-type: none"> Multiply using properties 6PN
3-2: Multiplication Patterns	1. Multiplication patterns over increasing place values 5N8 2. Multiply numbers ending in zeroes M5R 3. Multiply numbers ending in zeroes: word problems 7E2
3-3: Estimate Products	1. Estimate products TKD 2. Estimate products word problems: identify reasonable answers WP8 3. Estimate products: word problems GVG <i>Also consider</i> <ul style="list-style-type: none"> Estimate products of whole numbers and decimals Q6D
3-4: Zeros in the Multiplicand	1. Multiply by 1-digit numbers 7H4 <i>Also consider</i> <ul style="list-style-type: none"> Multiply by 1-digit numbers: word problems 94W Multiply using the distributive property 2LR
3-5: Multiply by Two-Digit Numbers	1. Multiply by 2-digit numbers 9X5 2. Multiply by 2-digit numbers: word problems J95 <i>Also consider</i> <ul style="list-style-type: none"> Multiply by 2-digit numbers: complete the missing steps KQ7 Use one multiplication fact to complete another 2EN Multiply 2-digit numbers using partial products CZ5

3-6: Problem Solving: Guess and Test

1. Guess-and-check problems with addition, subtraction, and multiplication 4W6

3-7: Multiply by Three-Digit Numbers

1. Multiply by 3-digit numbers NSP

Also consider

- Lattice multiplication 9MB
- Box multiplication HRL

3-8: Zeros in the Multiplier

- *Coming soon:* Multiply by 3-digit numbers: zeroes in the multiplier

Chapter 4

Division

Textbook section	IXL skills
4-1: Division Patterns	<ol style="list-style-type: none"> 1. Division patterns over increasing place values V52 2. Divide numbers ending in zeroes: up to thousands 8EX 3. Divide numbers ending in zeroes: word problems G66
4-2: Estimation: Compatible Numbers	<ol style="list-style-type: none"> 1. Estimate quotients using compatible numbers R7T 2. Estimate quotients to compare AKY 3. Estimate quotients: word problems HD6
4-3: Divide by One-Digit Numbers	<ol style="list-style-type: none"> 1. Divide 4-digit numbers by 1-digit numbers GCN 2. Divide 4-digit numbers by 1-digit numbers: word problems NQF
4-4: Zeros in the Quotient	<ol style="list-style-type: none"> 1. Divide multi-digit numbers by 1-digit numbers with zeroes in the quotient NQ7 2. Divide multi-digit numbers by 1-digit numbers with zeroes in the quotient: word problems H2B
4-5: Divisibility and Mental Math	<ol style="list-style-type: none"> 1. Divisibility rules QWD <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divisibility rules: word problems LKU
4-6: Use Arrays and Area Models to Divide	<ol style="list-style-type: none"> 1. Divide by 2-digit numbers using models AJA
4-7: Use Strategies to Divide	<ol style="list-style-type: none"> 1. Relate multiplication and division VA6 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divide by 2-digit numbers using partial quotients ASM

4-8: Divide by Two-Digit Numbers

1. Divide 3-digit and 4-digit numbers by 2-digit numbers WUW
2. Divide 3-digit and 4-digit numbers by 2-digit numbers: word problems BA5

Also consider

- Adjust quotients 5FH
- Complete the division sentence: 2-digit divisors HMZ

4-9: Problem Solving: Work Backwards

1. Guess-and-check problems DRJ

4-10: Order of Operations

1. Evaluate numerical expressions with and without parentheses J73

Also consider

- Identify mistakes involving the order of operations JLJ
- Evaluate numerical expressions with parentheses in different places 9F5

4-11: Expressions

1. Evaluate numerical expressions with parentheses and brackets TVY
2. Write numerical expressions: two operations 8ME
3. Write numerical expressions for word problems NF5

Chapter 5

Number Theory and Fractions

Textbook section	IXL skills
5-1: Factors, Primes and Composite Numbers	<ol style="list-style-type: none"> 1. Prime and composite numbers 8PL 2. Prime factorization YL2 3. Prime factorization with exponents F5F
5-2: Common Factors	<ol style="list-style-type: none"> 1. Greatest common factor 4C2 2. Greatest common factor of three numbers 7TA <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Find all the factor pairs of a number 5BL
5-3: Estimation and Equivalent Fractions	<ol style="list-style-type: none"> 1. Equivalent fractions MKA 2. Patterns of equivalent fractions 7LH
5-4: Common Multiples and Common Denominators	<ol style="list-style-type: none"> 1. Least common multiple BMQ 2. Least common multiple of three or four numbers ZPQ 3. Least common denominator R7P
5-5: Problem Solving: Make a Table	<ol style="list-style-type: none"> 1. GCF and LCM: word problems TKL
5-6: Fractions Greater Than or Equal to One	<ol style="list-style-type: none"> 1. Write fractions in lowest terms A76 2. Convert improper fractions to mixed numbers 9GJ
5-7: Compare and Order Fractions and Mixed Numbers	<ol style="list-style-type: none"> 1. Inequalities with fractions and mixed numbers P7L 2. Put fractions in order T76 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Compare fractions: word problems ZY6 • Graph and compare fractions on number lines RGV • Compare fractions using benchmarks MJZ

5-8: Interpret a Remainder

1. Relate division and fractions Z8U
2. Understand fractions as division: word problems CTD
3. One-step word problems involving remainders BGF

Also consider

- Divide by 1-digit numbers: interpret remainders 72W
 - Multi-step word problems involving remainders XGE
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Chapter 6

Fractions: Addition

Textbook section	IXL skills
6-1: Model Addition with Unlike Denominators	1. Add fractions with unlike denominators using models YKV <i>Also consider</i> <ul style="list-style-type: none"> Represent addition of fractions with unlike denominators using objects HDL Add fractions with unlike denominators using objects KNQ
6-2: Add Fractions: Unlike Denominators	1. Add two or three fractions with unlike denominators 8L4 2. Add two or three fractions with unlike denominators: word problems AB2
6-3: Fraction Addition: Estimation and Reasonableness	1. Estimate sums of fractions using benchmarks 5UQ <i>Also consider</i> <ul style="list-style-type: none"> Compare sums of fractions 7RW
6-4: Add Mixed Numbers	1. Add mixed numbers with unlike denominators: without renaming 7QH 2. Add mixed numbers with unlike denominators: word problems 9MQ
6-5: Problem Solving: Use a Model	1. Add fractions and mixed numbers with unlike denominators: word problems KWW 2. Multi-step word problems: multiplicative comparison V59 3. Multi-step word problems: identify reasonable answers NNJ
6-6: Rename Mixed Number Sums	1. Add mixed numbers with unlike denominators: with renaming VER <i>Also consider</i> <ul style="list-style-type: none"> Add 3 fractions or mixed numbers using properties of addition NQY

Chapter 7

Fractions: Subtraction

Textbook section	IXL skills
7-1: Model Subtraction of Fractions with Unlike Denominators	1. Subtract fractions with unlike denominators using models U6X <i>Also consider</i> <ul style="list-style-type: none"> Represent subtraction of fractions with unlike denominators using objects SGX Subtract fractions with unlike denominators using objects YT7
7-2: Subtract Fractions: Unlike Denominators	1. Subtract fractions with unlike denominators KU6 2. Add or subtract three fractions with unlike denominators 9Z4 3. Add and subtract fractions with unlike denominators: word problems SJE <i>Also consider</i> <ul style="list-style-type: none"> Inequalities with addition and subtraction of fractions ZH5 Complete addition and subtraction sentences with fractions FCA
7-3: Subtraction Fractions: Estimation and Reasonableness	1. Estimate differences of fractions using benchmarks 82J <i>Also consider</i> <ul style="list-style-type: none"> Compare sums and differences of unit fractions N6D
7-4: Model Subtraction with Mixed Numbers	1. Subtract mixed numbers with unlike denominators: without renaming MXT
7-5: Estimate Sums and Differences of Mixed Numbers	1. Estimate sums and differences of mixed numbers 7A6
7-6: Subtract Fractions and Whole Numbers from Mixed Numbers	1. Subtract fractions and whole numbers from mixed numbers 5FF
7-7: Subtract Mixed Numbers: Rename Fractions	1. Subtract two mixed numbers Q9N

7-8: Subtract Mixed Numbers: Rename Whole Numbers and Fractions

1. Subtract mixed numbers with unlike denominators: with renaming QK5
2. Add and subtract mixed numbers: word problems 9XV

Also consider

- Add and subtract fractions in recipes WTW
- Compare sums and differences of mixed numbers T9C
- Complete addition and subtraction sentences with mixed numbers PSP

7-9: Problem Solving: Write and Solve an Equation

1. Write variable equations: word problems RNV
2. Multi-step word problems Z76

Chapter 8

Fractions: Multiplication

Textbook section	IXL skills
8-1: Model Multiplying Fractions	<ol style="list-style-type: none"> 1. Multiply fractions by whole numbers using models: complete the equation VXF 2. Multiply two fractions using models XN6 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Multiply two fractions using models: fill in the missing factor AT7 • Multiply two unit fractions using models HDJ • Multiply fractions by whole numbers using arrays RB9 • Multiply fractions by whole numbers using number lines DRU
8-2: Multiply Fractions by Fractions	<ol style="list-style-type: none"> 1. Multiply two fractions 6LY 2. Multiply two fractions: word problems STN 3. Complete the fraction multiplication sentence S6G
8-3: Multiply Fractions and Whole Numbers	<ol style="list-style-type: none"> 1. Multiply fractions and whole numbers LFP 2. Fractions of a number E7W 3. Multiply fractions and whole numbers: word problems PEF <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Fractions of a number: word problems RHE • Multiples of fractions: find the missing numbers 5DT • Multiply fractions and whole numbers: sorting K69
8-4: Scaling Fractions	<ol style="list-style-type: none"> 1. Scaling fractions by fractions Q6P <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Scaling whole numbers by fractions: justify your answer Q7M • Scaling whole numbers by fractions QH2

- Scaling mixed numbers by fractions S6B

8-5: Common Factors in Products

1. Multiply fractions with common factors WQA
2. Multiply three or more fractions and whole numbers Y8U
3. Complete the fraction multiplication sentence: with common factors BUZ

8-6: Rename Mixed Numbers as Fractions

1. Convert mixed numbers to improper fractions KCP

8-7: Estimate Products with Mixed Numbers

1. Estimate products of mixed numbers 76Y

8-8: Multiply Fractions and Mixed Numbers

1. Multiply a mixed number by a fraction DBZ

8-9: Multiply Mixed Numbers

1. Multiply a mixed number by a whole or mixed number Q9R
2. Multiply three or more mixed numbers, fractions, and/or whole numbers VXA
3. Multiplication with mixed numbers: word problems 59U

Also consider

- Multiply fractions and mixed numbers in recipes QHN

8-10: Find the Area of a Rectangle

1. Understand fraction multiplication and area NFK
2. Multiply fractions to find area SEZ
3. Area of squares and rectangles with fractions PMV

8-11: Problem Solving: Use Logical Reasoning

1. Find the order G2C
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Chapter 9

Fractions: Division

Textbook section	IXL skills
9-1: Divide Whole Numbers by Unit Fractions	<ol style="list-style-type: none"> 1. Divide whole numbers by unit fractions using area models JYS 2. Divide whole numbers by unit fractions 3L9 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divide whole numbers by unit fractions using models VDU
9-2: Reciprocals	<ol style="list-style-type: none"> 1. Reciprocals T9G
9-3: Divide Whole Numbers by Fractions	<ol style="list-style-type: none"> 1. Divide whole numbers by fractions XYQ
9-4: Divide Unit Fractions by Whole Numbers	<ol style="list-style-type: none"> 1. Divide unit fractions by whole numbers using area models YBE 2. Divide unit fractions by whole numbers GXY <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divide unit fractions by whole numbers using models XML • Divide unit fractions and whole numbers NTW
9-5: Divide Fractions by Whole Numbers	<ol style="list-style-type: none"> 1. Divide fractions by whole numbers LMW
9-6: Word Problems Involving Fraction Division	<ol style="list-style-type: none"> 1. Divide unit fractions and whole numbers: word problems G2N <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divide fractions by whole numbers in recipes HBZ
9-7: Problem Solving: More Than One Way	<ol style="list-style-type: none"> 1. Add, subtract, multiply, and divide fractions: word problems LCU

Chapter 10

Decimals: Addition

Textbook section	IXL skills
10-1: Use Models to Add Decimals	<ol style="list-style-type: none">1. Add decimal numbers using blocks NWJ <ul style="list-style-type: none">• <i>Coming soon:</i> Use models to add decimal numbers
10-2: Use Properties to Add Decimals	
10-3: Estimate Decimal Sums	<ol style="list-style-type: none">1. Estimate sums of decimals using rounding JZE
10-4: Problem Solving: Draw a Picture	<ol style="list-style-type: none">1. Map distances F2P
10-5: Add Decimals: Hundredths	<ol style="list-style-type: none">1. Add decimal numbers BDX
10-6: Add Decimals: Thousandths	<ol style="list-style-type: none">1. Add decimal numbers: up to thousandths 6UC2. Add decimals: word problems 9LZ
10-7: Addition with Money	<ol style="list-style-type: none">1. Add money amounts EJU

Chapter 11

Decimals: Subtraction

Textbook section	IXL skills
11-1: Use Models to Subtract Decimals	
11-2: Estimate Decimal Differences	<ol style="list-style-type: none"> 1. Estimate differences of decimals using rounding X6C <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Estimate sums and differences of decimals using benchmarks CHE
11-3: Subtract Decimals: Hundredths	<ol style="list-style-type: none"> 1. Subtract decimal numbers SC8 2. Number sequences involving decimals H73 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Choose decimals with a particular sum or difference ARW • Complete the decimal addition or subtraction sentence ZKV
11-4: Subtract Decimals: Thousandths	<ol style="list-style-type: none"> 1. Subtract decimal numbers: up to thousandths 45Y 2. Add and subtract decimal numbers: word problems 6MF 3. Inequalities with decimal addition and subtraction QEM
11-5: Subtraction with Money	<ol style="list-style-type: none"> 1. Subtract money amounts Q64 2. Add and subtract money: word problems DLC <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Add and subtract money: multi-step word problems MCG
11-6: Problem Solving: Use a Model	<ol style="list-style-type: none"> 1. Write and solve addition and subtraction equations using diagrams: word problems 6VE

Chapter 12

Decimals: Multiplication

Textbook section	IXL skills
12-1: Multiply by Powers of 10	<ol style="list-style-type: none"> 1. Multiply a decimal by a power of ten R8N 2. Multiply a decimal by a power of ten: with exponents 5KC <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Multiply by a power of ten with decimals: find the missing number GC5
12-2: Use Properties to Multiply a Decimal by a Whole Number	<ol style="list-style-type: none"> 1. Multiply a decimal by a one-digit whole number using blocks U5Q 2. Multiply a decimal by a one-digit whole number using the distributive property 9BA
12-3: Estimate Decimal Products	<ol style="list-style-type: none"> 1. Estimate products of decimals SL7
12-4: Multiply Decimals by Whole Numbers	<ol style="list-style-type: none"> 1. Multiply a decimal by a whole number GDP 2. Multiply decimals and whole numbers: word problems 83A <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Multiply a decimal by a two-digit whole number using area models VNT
12-5: Multiplication with Money	<ol style="list-style-type: none"> 1. Multiply money amounts H8K 2. Multiply money amounts: word problems U5L
12-6: Model Multiplying Two Decimals	<ol style="list-style-type: none"> 1. Complete the decimal multiplication sentence using grids R9T
12-7: Multiply Decimals by Decimals	<ol style="list-style-type: none"> 1. Multiply two decimals WXE <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Inequalities with decimal multiplication: products up to thousandths B88

12-8: Zeros in the Product

1. Multiply two decimals: where does the decimal point go? 6FA
 2. Multiply two decimals II L6K
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12-9: Problem Solving: More Than One Way

1. Multiply money amounts: multi-step word problems THS
 2. Using patterns: word problems E9W
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Chapter 13

Decimals: Division

Textbook section	IXL skills
13-1: Divide by Powers of 10	<ol style="list-style-type: none"> 1. Divide by powers of ten H2N 2. Divide by a power of ten: with exponents CL2 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Decimal division patterns over increasing place values GBS • Divide by a power of ten with decimals: find the missing number R2P • Multiply and divide by a power of ten: with exponents FXQ
13-2: Model Dividing a Decimal by a Whole Number	<ol style="list-style-type: none"> 1. Divide decimals using blocks: complete the equation DDK <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Divide decimals using area models: complete the equation U6C
13-3: Estimate Decimal Quotients	<ol style="list-style-type: none"> 1. Estimate decimal quotients CZ9
13-4: Estimate with Money	
13-5: Divide Decimals by Whole Numbers	<ol style="list-style-type: none"> 1. Divide decimals by one-digit whole numbers MTQ 2. Divide decimals by two-digit whole numbers 8HB
13-6: Zeros in Decimal Quotients	<ol style="list-style-type: none"> 1. Division with decimal quotients 5SG 2. Divide decimals by whole numbers: word problems TMB
13-7: Division with Money	<ol style="list-style-type: none"> 1. Divide money amounts RL6 2. Multiply and divide decimal money amounts: word problems 5WW

Also consider

- Division with decimal quotients and rounding M9X

13-8: Problem Solving: Work Backward

1. Time word problems PYP

13-9: Model Dividing a Decimal by a Decimal

1. Divide decimals by decimals: whole number quotients HUK

13-10: Divide a Decimal by a Decimal

1. Divide decimals by decimals X2J
2. Inequalities with decimal division B49

Chapter 14

Measurement

Textbook section	IXL skills
14-1: Relate Customary Units of Length	<ol style="list-style-type: none"> 1. Convert customary units of length 8ZP 2. Compare customary units of length W85
14-2: Relate Customary Units of Capacity	<ol style="list-style-type: none"> 1. Convert customary units of capacity JVH 2. Compare customary units of capacity C9E
14-3: Relate Customary Units of Weight	<ol style="list-style-type: none"> 1. Convert customary units of weight UMD 2. Compare customary units of weight JH7 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Choose the appropriate customary unit of measure UDF • Compare and convert customary units 8DZ • Conversion tables - customary units 7HU • Convert customary units involving fractions WCM • Convert mixed customary units E8E
14-4: Compute with Customary Units	<ol style="list-style-type: none"> 1. Add and subtract mixed customary units DJC 2. Multi-step problems with customary unit conversions MJ9 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Compare customary units by multiplying WU8
14-5: Relate Metric Units of Length	<ol style="list-style-type: none"> 1. Compare and convert metric units of length 8JE
14-6: Relate Metric Units of Capacity	<ol style="list-style-type: none"> 1. Compare and convert metric units of capacity AKU
14-7: Relate Metric Units of Mass	<ol style="list-style-type: none"> 1. Compare and convert metric units of mass D9Z <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Choose the appropriate metric unit of measure S9U • Compare and convert metric units PJL

- Convert metric units involving decimals 2Q8
- Conversion tables - metric units 7Q5
- Convert metric mixed units LCG

14-8: Compute with Metric Units

1. Multi-step problems with metric unit conversions X5T

Also consider

- Add and subtract metric mixed units 6LL

14-9: Problem Solving: Use a Picture

1. Multi-step problems with customary or metric unit conversions ST6
 2. Solve decimal problems using diagrams 63K
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Chapter 15

Geometry

Textbook section	IXL skills
15-1: Polygons	<ol style="list-style-type: none">1. Is it a polygon? ZH62. Number of sides in polygons 4Z23. Regular and irregular polygons XE7 <p><i>Also consider</i></p> <ul style="list-style-type: none">• Sort polygons into Venn diagrams US8• Perimeter with whole number side lengths UJ2• Perimeter with decimal side lengths K7R• Perimeter with fractional side lengths WQU
15-2: Triangles	<ol style="list-style-type: none">1. Acute, obtuse, and right triangles N772. Classify triangles: scalene, isosceles, and equilateral XNF <p><i>Also consider</i></p> <ul style="list-style-type: none">• Area of triangles QJT
15-3: Quadrilaterals	<ol style="list-style-type: none">1. Classify quadrilaterals 6ZQ2. Area and perimeter: word problems MHV <p><i>Also consider</i></p> <ul style="list-style-type: none">• Properties of polygons TQU• Area of squares and rectangles E6B
15-4: Classify Quadrilaterals	<ol style="list-style-type: none">1. Pick all the names for a quadrilateral E972. Describe relationships among quadrilaterals SZT
15-5: Problem Solving: Use a Model	<ol style="list-style-type: none">1. Use Venn diagrams to solve problems 7PK

Chapter 16

Volume

Textbook section	IXL skills
16-1: Solid Figures	<ol style="list-style-type: none">1. Identify three-dimensional figures HSR2. Count vertices, edges, and faces ZHF3. Nets of three-dimensional figures 9LV
16-2: Cubic Measure	<ol style="list-style-type: none">1. Volume of irregular figures made of unit cubes WCE2. Convert between cubic measure and capacity TEY <p><i>Also consider</i></p> <ul style="list-style-type: none">• Understanding cubic units L56
16-3: Volume of Rectangular Prisms	<ol style="list-style-type: none">1. Volume of rectangular prisms made of unit cubes II QX82. Volume of rectangular prisms CVR
16-4: Volume Formulas	<ol style="list-style-type: none">1. Apply volume formulas for rectangular prisms 9M52. Volume of cubes and rectangular prisms: word problems NR6 <p><i>Also consider</i></p> <ul style="list-style-type: none">• Relationship between volume and the area of the base: word problems QMA• Volume of cubes and rectangular prisms with decimal side lengths RYY
16-5: Volume of Composite Figures	<ol style="list-style-type: none">1. Volume of compound figures I APW
16-6: Problem Solving: Act it Out	<ol style="list-style-type: none">1. Compare volumes and dimensions of rectangular prisms: word problems JP6

Chapter 17

Graphs and Data

Textbook section	IXL skills
17-1: Line Plots With Whole Numbers and Decimals	<ol style="list-style-type: none"> 1. Interpret line plots 79C 2. Create line plots ZBV
17-2: Line Plots with Fractions and Mixed Numbers	<ol style="list-style-type: none"> 1. Create and interpret line plots with fractions XBS
17-3: The Coordinate Plane	<ol style="list-style-type: none"> 1. Points on a coordinate plane ZRK 2. Graph points on a coordinate plane AST <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Describe the coordinate plane PF8 • Graph triangles and quadrilaterals 5ZC
17-4: Using Coordinate Graphs	<ol style="list-style-type: none"> 1. Coordinate planes as maps ZBD 2. Analyze graphed relationships SMY <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Follow directions on a coordinate plane XQR
17-5: Write Number Patterns	<ol style="list-style-type: none"> 1. Use a rule to complete a number sequence RPP 2. Find a rule to complete a number sequence WKF <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Complete an increasing number sequence GZW • Number sequences: word problems R6C
17-6: Graph Number Patterns	<ol style="list-style-type: none"> 1. Graph points from a table HWV 2. Compare patterns XPM
17-7: Problem Solving: Find and Use a Pattern	<ol style="list-style-type: none"> 1. Interpret a graph: word problems II 5BR 2. Interpret a proportional graph: word problems 6CK