



IXL Skill Alignment

5th alignment for GO Math! 2015 Common Core Edition

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Chapter 1

Place Value, Multiplication, and Expressions

Textbook section	IXL skills
1.1: Place Value and Patterns	
1.2: Place Value of Whole Numbers	A.1 Convert between standard and expanded form >> A.2 Place value >> A.4 Choose word names for numbers >> A.5 Write word names for numbers >>
1.3: Properties	B.6 Properties of addition >> C.6 Properties of multiplication >>
1.4: Powers of 10 and Exponents	
1.5: Multiplication Patterns	
1.6: Multiply by 1-Digit Numbers	C.1 Multiply by 1-digit numbers >> C.2 Multiply by 1-digit numbers: word problems >>
1.7: Multiply by Multi-Digit Numbers	C.8 Estimate products >> C.13 Multiply 2-digit numbers by 2-digit numbers >> C.14 Multiply 2-digit numbers by 3-digit numbers >> C.16 Multiply by 2-digit numbers: word problems >> C.18 Multiply by 3-digit numbers >> <i>See also:</i> C.15 Multiply 2-digit numbers by larger numbers >>
1.8: Relate Multiplication to Division	
1.9: Problem Solving: Multiplication and Division	
1.10: Numerical Expressions	

1.11: Evaluate Numerical Expressions**1.12:** Grouping Symbols**0.4**

Evaluate numerical expressions >>

Chapter 2

Divide Whole Numbers

Textbook section	IXL skills
2.1: Place the First Digit	D.3 Divide multi-digit numbers by 1-digit numbers >> D.4 Divide multi-digit numbers by 1-digit numbers: word problems >>
2.2: Divide by 1-Digit Divisors	D.3 Divide multi-digit numbers by 1-digit numbers >> D.4 Divide multi-digit numbers by 1-digit numbers: word problems >> <i>See also:</i> D.5 Divide by 1-digit numbers: interpret remainders >>
2.3: Division with 2-Digit Divisors	
2.4: Partial Quotients	
2.5: Estimate with 2-Digit Divisors	
2.6: Divide by 2-Digit Divisors	D.11 Divide 2-digit and 3-digit numbers by 2-digit numbers >> D.12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems >> D.13 Divide larger numbers by 2-digit numbers >> D.14 Divide larger numbers by 2-digit numbers: word problems >>
2.7: Interpret the Remainder	D.5 Divide by 1-digit numbers: interpret remainders >> D.12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems >>
2.8: Adjust Quotients	
2.9: Problem Solving: Division	

Chapter 3

Add and Subtract Decimals

Textbook section	IXL skills
3.1: Thousandths	
3.2: Place Value of Decimals	G.16 Convert decimals between standard and expanded form using fractions >> <i>See also:</i> G.3 Understanding decimals expressed in words >> G.4 Place values in decimal numbers >>
3.3: Compare and Order Decimals	G.11 Put decimal numbers in order >> <i>See also:</i> G.6 Equivalent decimals >> G.10 Compare decimal numbers >>
3.4: Round Decimals	
3.5: Decimal Addition	
3.6: Decimal Subtraction	
3.7: Estimate Decimal Sums and Differences	H.8 Estimate sums and differences of decimals >>
3.8: Add Decimals	H.1 Add decimal numbers >>
3.9: Subtract Decimals	H.2 Subtract decimal numbers >> <i>See also:</i> H.3 Add and subtract decimal numbers >>
3.10: Patterns with Decimals	G.19 Number sequences involving decimals >>
3.11: Add and Subtract Money	S.1 Add and subtract money amounts >> S.2 Add and subtract money: word problems >>

3.12: Choose a Method

- H.1** Add decimal numbers >>
- H.2** Subtract decimal numbers >>
- H.3** Add and subtract decimal numbers >>
- H.4** Add and subtract decimals: word problems >>
- S.1** Add and subtract money amounts >>
- S.2** Add and subtract money: word problems >>

See also:

- H.6** Complete the addition or subtraction sentence >>
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Chapter 4

Multiply Decimals

Textbook section		IXL skills	
4.1: Multiplication Patterns with Decimals			
4.2: Multiply Decimals and Whole Numbers			
4.3: Multiplication with Decimals and Whole Numbers		1.3	Multiply a decimal by a one-digit whole number >>
4.4: Multiply Using Expanded Form			
4.5: Problem Solving: Multiply Money			
4.6: Decimal Multiplication		1.7	Multiply two decimals using grids >>
4.7: Multiply Decimals		1.8	Multiply two decimals >>
4.8: Zeros in the Product			

Chapter 5

Divide Decimals

Textbook section		IXL skills
5.1: Division Patterns with Decimals		
5.2: Divide Decimals by Whole Numbers		
5.3: Estimate Quotients		
5.4: Division of Decimals by Whole Numbers		
5.5: Decimal Division		
5.6: Divide Decimals		
5.7: Write Zeros in the Dividend		
5.8: Problem Solving: Decimal Quotients	S.2	Add and subtract money: word problems >>
	S.3	Multiply money amounts: word problems >>
	S.4	Divide money amounts: word problems >>

Chapter 6

Add and Subtract Fractions with Unlike Denominators

Textbook section	IXL skills
6.1: Addition with Unlike Denominators	L.6 Add fractions with unlike denominators using models >>
6.2: Subtraction with Unlike Denominators	L.9 Subtract fractions with unlike denominators using models >>
6.3: Estimate Fraction Sums and Differences	
6.4: Common Denominators and Equivalent Fractions	K.4 Equivalent fractions >> K.7 Least common denominator >>
6.5: Add and Subtract Fractions	L.11 Add and subtract fractions with unlike denominators: word problems >> <i>See also:</i> L.8 Add fractions with unlike denominators >> L.10 Subtract fractions with unlike denominators >> L.15 Complete addition and subtraction sentences with fractions >>
6.6: Add and Subtract Mixed Numbers	L.18 Add mixed numbers with unlike denominators >>
6.7: Subtraction with Renaming	L.19 Subtract mixed numbers with unlike denominators >>
6.8: Patterns with Fractions	K.12 Arithmetic sequences with fractions >>
6.9: Problem Solving: Practice Addition and Subtraction	L.20 Add and subtract mixed numbers: word problems >> L.21 Add and subtract fractions in recipes >>
6.10: Use Properties of Addition	

Chapter 7

Multiply Fractions

Textbook section	IXL skills	
7.1: Find Part of a Group		
7.2: Multiply Fractions and Whole Numbers	M.2	Multiply unit fractions by whole numbers using models >>
	M.6	Multiply fractions by whole numbers using models >>
7.3: Fraction and Whole Number Multiplication	M.8	Multiply fractions by whole numbers I >>
	M.9	Multiply fractions by whole numbers II >>
	M.10	Multiply fractions by whole numbers: word problems >>
7.4: Multiply Fractions	M.12	Multiply two unit fractions using models >>
	M.14	Multiply two fractions using models >>
7.5: Compare Fraction Factors and Products	M.18	Scaling fractions by fractions >>
7.6: Fraction Multiplication	M.15	Multiply two fractions >>
	M.16	Multiply two fractions: word problems >>
7.7: Area and Mixed Numbers		
7.8: Compare Mixed Number Factors and Products	M.19	Scaling mixed numbers by fractions >>
7.9: Multiply Mixed Numbers	M.23	Multiply a mixed number by a whole number >>
	M.24	Multiply a mixed number by a fraction >>
	M.25	Multiply two mixed numbers >>
	M.27	Multiplication with mixed numbers: word problems >>
	<i>See also:</i>	
	M.28	Multiply fractions and mixed numbers in recipes >>
7.10: Problem Solving: Find Unknown Lengths		

Chapter 8

Divide Fractions

Textbook section	IXL skills	
8.1: Divide Fractions and Whole Numbers	N.1	Divide unit fractions by whole numbers >>
	N.2	Divide whole numbers by unit fractions using models >>
	N.3	Divide whole numbers by unit fractions >>
	N.4	Divide whole numbers and unit fractions >>
8.2: Problem Solving: Use Multiplication		
8.3: Connect Fractions to Division		
8.4: Fraction and Whole Number Division	N.1	Divide unit fractions by whole numbers >>
	N.2	Divide whole numbers by unit fractions using models >>
	N.3	Divide whole numbers by unit fractions >>
	N.4	Divide whole numbers and unit fractions >>
8.5: Interpret Division with Fractions	N.7	Divide unit fractions by whole numbers: word problems >>

Chapter 9

Algebra: Patterns and Graphing

Textbook section	IXL skills
9.1: Line Plots	W.12 Create and interpret line plots with fractions >>
9.2: Ordered Pairs	U.1 Objects on a coordinate plane >> U.2 Graph points on a coordinate plane >> <i>See also:</i> U.3 Coordinate planes as maps >>
9.3: Graph Data	
9.4: Line Graphs	W.2 Interpret line graphs >> W.3 Create line graphs >>
9.5: Numerical Patterns	C.22 Multiplication input/output tables >> C.23 Multiplication input/output tables: find the rule >>
9.6: Problem Solving: Find a Rule	C.23 Multiplication input/output tables: find the rule >>
9.7: Graph and Analyze Relationships	

Chapter 10

Convert Units of Measure

Textbook section	IXL skills
10.1: Customary Length	Z.2 Compare and convert customary units of length >>
10.2: Customary Capacity	Z.4 Compare and convert customary units of volume >>
10.3: Weight	Z.3 Compare and convert customary units of weight >>
10.4: Multistep Measurement Problems	
10.5: Metric Measures	Z.8 Compare and convert metric units of length >> Z.9 Compare and convert metric units of weight >> Z.10 Compare and convert metric units of volume >> Z.11 Compare and convert metric units >> <i>See also:</i> Z.12 Conversion tables - metric units >>
10.6: Problem Solving: Customary and Metric Conversions	
10.7: Elapsed Time	Y.4 Elapsed time >> <i>See also:</i> Y.5 Find start and end times: word problems >>

Chapter 11

Geometry and Volume

Textbook section	IXL skills
11.1: Polygons	AA.3 Regular and irregular polygons >> <i>See also:</i> AA.2 Number of sides in polygons >>
11.2: Triangles	BB.1 Acute, obtuse, and right triangles >> BB.2 Scalene, isosceles, and equilateral triangles >> BB.3 Classify triangles >>
11.3: Quadrilaterals	BB.5 Identify parallelograms >> BB.6 Identify trapezoids >> BB.7 Identify rectangles >> BB.8 Identify rhombuses >> BB.9 Classify quadrilaterals >> <i>See also:</i> BB.4 Parallel sides in quadrilaterals >>
11.4: Three-Dimensional Figures	DD.1 Identify three-dimensional figures >>
11.5: Unit Cubes and Solid Figures	EE.11 Volume of rectangular prisms made of unit cubes >> <i>See also:</i> EE.12 Volume of irregular figures made of unit cubes >>
11.6: Understand Volume	EE.11 Volume of rectangular prisms made of unit cubes >>
11.7: Estimate Volume	
11.8: Volume of Rectangular Prisms	
11.9: Apply Volume Formulas	EE.13 Volume of cubes and rectangular prisms >>

11.10: Problem Solving: Compare Volumes

11.11: Find Volume of Composed Figures
