



IXL Skill Alignment

5th alignment for Texas GO Math!

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Module 1

Place Value and Decimals

Textbook section	IXL skills
1.1: Algebra: Properties	B.6 Properties of addition >> C.6 Properties of multiplication >>
1.2: Investigate: Thousandths	G.1 What decimal number is illustrated? >> <i>See also:</i> G.2 Model decimals and fractions >>
1.3: Place Value of Decimals	G.4 Place values in decimal numbers >> G.5 Convert decimals between standard and expanded form >> G.16 Convert decimals between standard and expanded form using fractions >>
1.4: Compare and Order Decimals	G.10 Compare decimal numbers >> G.11 Put decimal numbers in order >>
1.5: Round Decimals	G.7 Round decimals >>
1.6: Estimate Decimal Sums and Differences	H.8 Estimate sums and differences of decimals >>
1.7: Add and Subtract Decimals Through Thousandths	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 >> <i>See also:</i> H.6 Complete the addition or subtraction sentence >>
1.8: Problem Solving: Add and Subtract Money	S.1 Add and subtract money amounts >> S.2 Add and subtract money: word problems >>

Module 2

Multiplying and Dividing Whole Numbers

Textbook section	IXL skills
2.1: Multiply by 1-Digit Numbers	<p>C.1 Multiply by 1-digit numbers >></p> <p>C.2 Multiply by 1-digit numbers: word problems >></p>
2.2: Multiply by 2-Digit Numbers	<p>C.12 Multiply by 2-digit numbers: complete the missing steps >></p> <p>C.13 Multiply 2-digit numbers by 2-digit numbers >></p> <p>C.14 Multiply 2-digit numbers by 3-digit numbers >></p>
2.3: Investigate: Division with 2-Digit Divisors	<p>D.11 Divide 2-digit and 3-digit numbers by 2-digit numbers >></p> <p>D.12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems >></p>
2.4: Partial Quotients	<p>D.13 Divide larger numbers by 2-digit numbers >></p> <p>D.14 Divide larger numbers by 2-digit numbers: word problems >></p>
2.5: Estimate with 2-Digit Divisors	D.10 Estimate quotients: word problems >>
2.6: Divide by 2-Digit Divisors	<p>D.11 Divide 2-digit and 3-digit numbers by 2-digit numbers >></p> <p>D.12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems >></p> <p>D.13 Divide larger numbers by 2-digit numbers >></p> <p>D.14 Divide larger numbers by 2-digit numbers: word problems >></p>
2.7: Adjust Quotients	
2.8: Problem Solving: Division	<p>D.2 Division facts to 12: word problems >></p> <p>D.4 Divide multi-digit numbers by 1-digit numbers: word problems >></p> <p>D.12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems >></p>

D.14 Divide larger numbers by 2-digit numbers:
word problems >>

See also:

D.8 Divide numbers ending in zeroes: word
problems >>

Module 3

Multiply Decimals

Textbook section	IXL skills
3.1: Algebra: Multiplication Patterns with Decimals	I.2 Multiply a decimal by a power of ten >>
3.2: Investigate: Multiply Decimals and Whole Numbers	I.3 Multiply a decimal by a one-digit whole number >>
3.3: Multiplication with Decimals and Whole Numbers	I.3 Multiply a decimal by a one-digit whole number >>
	I.5 Multiply decimals and whole numbers: word problems >>
3.4: Multiply Using Expanded Form	I.4 Multiply a decimal by a multi-digit whole number >>
	I.5 Multiply decimals and whole numbers: word problems >>
3.5: Problem Solving: Multiply Money	S.3 Multiply money amounts: word problems >>
3.6: Investigate: Decimal Multiplication	I.7 Multiply two decimals using grids >>
	I.8 Multiply two decimals >>
3.7: Multiply Decimals	I.7 Multiply two decimals using grids >>
	I.8 Multiply two decimals >>
3.8: Zeros in the Product	

Module 4

Divide Decimals

Textbook section	IXL skills
4.1: Algebra: Division Patterns with Decimals	J.1 Divide by powers of ten >> <i>See also:</i> J.2 Decimal division patterns over increasing place values >>
4.2: Investigate: Divide Decimals by Whole Numbers	
4.3: Estimate Quotients	
4.4: Division of Decimals by Whole Numbers	
4.5: Problem Solving: 2-Digit Divisors	S.4 Divide money amounts: word problems >>

Module 5

Add and Subtract Fractions

Textbook section	IXL skills
5.1: Investigate: Addition with Unequal Denominators	L.6 Add fractions with unlike denominators using models >>
5.2: Investigate: Subtraction with Unequal Denominators	L.9 Subtract fractions with unlike denominators using models >> L.11 Add and subtract fractions with unlike denominators: word problems >>
5.3: Estimate Fraction Sums and Differences	
5.4: Common Denominators and Equivalent Fractions	K.7 Least common denominator >> <i>See also:</i> K.4 Equivalent fractions >>
5.5: Add and Subtract Fractions	L.6 Add fractions with unlike denominators using models >> L.8 Add fractions with unlike denominators >> L.9 Subtract fractions with unlike denominators using models >> L.10 Subtract fractions with unlike denominators >> L.11 Add and subtract fractions with unlike denominators: word problems >>
5.6: Add and Subtract Mixed Numbers	L.18 Add mixed numbers with unlike denominators >>
5.7: Subtraction with Renaming	L.19 Subtract mixed numbers with unlike denominators >> L.20 Add and subtract mixed numbers: word problems >>
5.8: Problem Solving: Use Properties of Addition	L.12 Add 3 or more fractions with unlike denominators >>

Module 6

Multiply and Divide Unit Fractions and Whole Numbers

Textbook section	IXL skills
6.1: Find Part of a Group	
6.2: Investigate: Multiply Fractions and Whole Numbers	<p>M.2 Multiply unit fractions by whole numbers using models >></p> <p>M.6 Multiply fractions by whole numbers using models >></p>
6.3: Fraction and Whole-Number Multiplication	<p>M.3 Multiples of fractions >></p> <p>M.8 Multiply fractions by whole numbers I >></p> <p>M.9 Multiply fractions by whole numbers II >></p> <p>M.10 Multiply fractions by whole numbers: word problems >></p> <p><i>See also:</i></p> <p>M.4 Multiply unit fractions and whole numbers: sorting >></p> <p>M.7 Multiply fractions and whole numbers: sorting >></p> <p>M.11 Multiply fractions by whole numbers: input/output tables >></p>
6.4: Investigate: Divide Fractions and Whole Numbers	N.2 Divide whole numbers by unit fractions using models >>
6.5: Problem Solving: Use Multiplication	N.7 Divide unit fractions by whole numbers: word problems >>
6.6: Fraction and Whole-Number Division	<p>N.1 Divide unit fractions by whole numbers >></p> <p>N.3 Divide whole numbers by unit fractions >></p> <p>N.4 Divide whole numbers and unit fractions >></p> <p>N.7 Divide unit fractions by whole numbers: word problems >></p>

Module 7

Algebra: Expressions

Textbook section	IXL skills
7.1: Factors and Divisibility	
7.2: Prime and Composite Numbers	F.1 Prime and composite numbers >>
7.3: Numerical Expressions	
7.4: Problem Solving: Simplify Numerical Expressions	O.4 Evaluate numerical expressions >>
7.5: Grouping Symbols	O.4 Evaluate numerical expressions >>

Module 8

Algebra: Equations

Textbook section	IXL skills
8.1: Investigate: Equations	
8.2: Addition and Subtraction Equations	V.4 Write variable equations: word problems >>
8.3: Multiplication and Division Equations	
8.4: Problem Solving: Represent and Solve Multi-Step Problems	V.4 Write variable equations: word problems >>

Module 9

Algebra: Formulas

Textbook section	IXL skills
9.1: Formulas for Area and Perimeter	EE.1 Perimeter with whole number side lengths >> EE.4 Area of squares and rectangles >> EE.10 Area and perimeter: word problems >> <i>See also:</i> EE.7 Area of compound figures >>
9.2: Formulas for Volume	EE.11 Volume of rectangular prisms made of unit cubes >>
9.3: Volume of a Cube	EE.11 Volume of rectangular prisms made of unit cubes >>
9.4: Problem Solving: Apply Formulas	EE.13 Volume of cubes and rectangular prisms >>

Module 10

Algebra: Patterns

Textbook section	IXL skills
10.1: Number Patterns	C.22 Multiplication input/output tables >> <i>See also:</i> M.11 Multiply fractions by whole numbers: input/output tables >> V.8 Complete a table for a two-variable relationship >>
10.2: Number Patterns in Tables	C.23 Multiplication input/output tables: find the rule >>
10.3: Number Patterns in Graphs	V.9 Complete a table from a graph >>
10.4: Problem Solving: Make Graphs	

Module 11

Two-Dimensional Figures

Textbook section	IXL skills
11.1: Polygons	AA.3 Regular and irregular polygons >> BB.4 Parallel sides in quadrilaterals >>
11.2: Triangles	BB.3 Classify triangles >>
11.3: Quadrilaterals	BB.9 Classify quadrilaterals >>
11.4: Problem Solving: Properties of Two-Dimensional Figures	

Module 12

Volume

Textbook section	IXL skills
12.1: Investigate: Unit cubes and Solid Figures	
12.2: Investigate: Understand Volume	EE.11 Volume of rectangular prisms made of unit cubes >>
12.3: Volume of Rectangular Prisms	EE.11 Volume of rectangular prisms made of unit cubes >>
12.4: Algebra: Apply Volume Formulas	EE.13 Volume of cubes and rectangular prisms >>
12.5: Problem Solving: Compare Volumes	

Module 13

Convert Units of Measure

Textbook section	IXL skills
13.1: Appropriate Tools and Units	Z.1 Choose the appropriate customary unit of measure >>
	Z.7 Choose the appropriate metric unit of measure >>
13.2: Customary Lengths	Z.2 Compare and convert customary units of length >>
13.3: Customary Capacity	Z.4 Compare and convert customary units of volume >>
13.4: Weight	Z.3 Compare and convert customary units of weight >>
	<i>See also:</i>
	Z.5 Compare and convert customary units >>
	Z.6 Conversion tables - customary units >>
13.5: Multi-Step Measurement Problems	Z.13 Compare customary units by multiplying >>
13.6: 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 >>
13.7: Problem Solving: Customary and Metric Conversions	Z.13 Compare customary units by multiplying >>

Module 14

Graphing

Textbook section	IXL skills
14.1: Ordered Pairs	U.1 Objects on a coordinate plane >> U.3 Coordinate planes as maps >> <i>See also:</i> U.2 Graph points on a coordinate plane >> U.4 Follow directions on a coordinate plane >> U.5 Objects on a coordinate plane - all four quadrants >>
14.2: Investigate: Graph Data	
14.3: Algebra: Graph Number Patterns	V.9 Complete a table from a graph >> <i>See also:</i> C.22 Multiplication input/output tables >>
14.4: Problem Solving: Graph and Analyze Relationships	

Module 15

Categorical Data

Textbook section	IXL skills
15.1: Make Frequency Tables	
15.2: Analyze Frequency Tables	W.13 Frequency charts >>
15.3: Investigate: Make Bar Graphs	W.5 Create bar graphs >>
15.4: Problem Solving: Analyze Bar Graphs	W.4 Interpret bar graphs >>

Module 16

Numerical Data

Textbook section	IXL skills
16.1: Make Dot Plots	W.11 Create line plots >>
16.2: Analyze Dot Plots	W.10 Interpret line plots >> W.12 Create and interpret line plots with fractions >>
16.3: Make Stem-and-Leaf Plots	
16.4: Analyze Stem-and-Leaf Plots	W.14 Stem-and-leaf plots >>
16.5: Make Scatter Plots	
16.6: Problem Solving: Analyze Scatter Plots	

Module 17

Personal Financial Literacy

Textbook section	IXL skills
17.1: Income and Payroll Taxes	
17.2: Sales and Property Taxes	
17.3: Income	
17.4: Paying Bills	
17.5: Keeping Records	
17.6: Make a Budget	
17.7: Problem Solving: Adjust a Budget	