



IXL Skill Alignment

5th alignment for Bridges

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Unit 1

Expressions, Equations & Volume

Textbook section	IXL skills
Module 1: Multiplication & Volume	C.7 Choose numbers with a particular product >>
Module 2: Factors, Multiples & the Associative Property	F.1 Prime and composite numbers >>
Module 3: Multiplication Strategies	O.3 Write numerical expressions >>
Module 4: From Multiplication to Division	C.3 Multiplication patterns over increasing place values >> D.2 Division facts to 12: word problems >> D.6 Division patterns over increasing place values >>

Unit 2

Adding & Subtracting Fractions

Textbook section	IXL skills
Module 1: Adding & Subtracting Fractions	G.12 Convert fractions to decimals >>
	K.1 Fractions review >>
	K.10 Compare fractions and mixed numbers >>
Module 2: Fractions as Operators & Quotients	L.6 Add fractions with unlike denominators using models >>
	M.8 Multiply fractions by whole numbers I >>
Module 3: Common Denominators	K.4 Equivalent fractions >>
	L.8 Add fractions with unlike denominators >>
	L.10 Subtract fractions with unlike denominators >>
	L.11 Add and subtract fractions with unlike denominators: word problems >>
	L.15 Complete addition and subtraction sentences with fractions >>
	L.18 Add mixed numbers with unlike denominators >>
Module 4: LCMs & GCFs	F.6 Greatest common factor >>
	F.7 Least common multiple >>
	K.5 Write fractions in lowest terms >>
	K.9 Compare fractions using benchmarks >>
	K.10 Compare fractions and mixed numbers >>

Unit 3

Place Value & Decimals

Textbook section	IXL skills
Module 1: Whole Number & Decimal Place Value	<p>G.14 Convert decimals to fractions >></p> <p>H.4 Add and subtract decimals: word problems >></p>
Module 2: Adding and Subtracting Decimals	<p>G.3 Understanding decimals expressed in words >></p> <p>G.4 Place values in decimal numbers >></p> <p>G.7 Round decimals >></p> <p>G.8 Decimal number lines >></p> <p>G.9 Compare decimals on number lines >></p> <p>H.1 Add decimal numbers >></p> <p>H.2 Subtract decimal numbers >></p> <p>H.3 Add and subtract decimal numbers >></p> <p>H.5 Choose decimals with a particular sum or difference >></p> <p>H.6 Complete the addition or subtraction sentence >></p>
Module 3: Conversions	<p>Z.8 Compare and convert metric units of length >></p> <p>Z.9 Compare and convert metric units of weight >></p> <p>Z.10 Compare and convert metric units of volume >></p>
Module 4: Division & the Area Model	<p>A.7 Rounding >></p>

Unit 4

Multiplying & Dividing Whole Numbers and Decimals

Textbook section	IXL skills
Module 1: Multiplication & Division Strategies	
Module 2: More Multiplication & Division Strategies	
Module 3: From Array to Algorithm	C.8 Estimate products >> C.12 Multiply by 2-digit numbers: complete the missing steps >> C.13 Multiply 2-digit numbers by 2-digit numbers >> C.14 Multiply 2-digit numbers by 3-digit numbers >>
Module 4: Multiplying to Divide	F.4 Divisibility rules >>

Unit 5

Multiplying & Dividing Fractions

Textbook section	IXL skills
Module 1: Multiplying Whole Numbers by Fractions	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 >>
Module 2: Multiplying Fractions by Fractions	M.12 Multiply two unit fractions using models >>
Module 3: More Fraction by Fraction Multiplication	M.13 Multiply two fractions using models: fill in the missing factor >>
	M.14 Multiply two fractions using models >>
	M.17 Scaling whole numbers by fractions >>
	M.18 Scaling fractions by fractions >>
Module 4: Dividing Fractions & Whole Numbers	N.1 Divide unit fractions by whole numbers >>
	N.7 Divide unit fractions by whole numbers: word problems >>
	N.8 Divide whole numbers by fractions >>

Unit 6

Graphing, Geometry & Volume

Textbook section	IXL skills
Module 1: Graphing Ordered Pairs	U.1 Objects on a coordinate plane >>
	U.2 Graph points on a coordinate plane >>
Module 2: Classifying Polygons	BB.1 Acute, obtuse, and right triangles >>
	BB.2 Scalene, isosceles, and equilateral triangles >>
	BB.3 Classify triangles >>
	BB.5 Identify parallelograms >>
	BB.9 Classify quadrilaterals >>
Module 3: Volume	EE.11 Volume of rectangular prisms made of unit cubes >>
	EE.13 Volume of cubes and rectangular prisms >>
Module 4: Banners & Flags	

Unit 7

Division & Decimals

Textbook section	IXL skills
Module 1: Division of Fractions & Whole Numbers	
Module 2: Division Interpretations & Strategies	<p>D.5 Divide by 1-digit numbers: interpret remainders >></p> <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>F.5 Divisibility rules: word problems >></p>
Module 3: Powers of Ten	<p>A.1 Convert between standard and expanded form >></p> <p>A.4 Choose word names for numbers >></p> <p>A.5 Write word names for numbers >></p> <p>I.1 Estimate products of decimals >></p> <p>I.2 Multiply a decimal by a power of ten >></p> <p>I.7 Multiply two decimals using grids >></p> <p>J.1 Divide by powers of ten >></p> <p>J.2 Decimal division patterns over increasing place values >></p>
Module 4: Decimal Multiplication & Division	<p>G.18 Compare decimals and fractions >></p> <p>S.4 Divide money amounts: word problems >></p>

Unit 8

Solar Design

Textbook section	IXL skills
Module 1: Investigating Solar Energy	W.2 Interpret line graphs >> W.3 Create line graphs >>
Module 2: Investigating Passive Solar Design	
Module 3: Designing Solar Homes	
Module 4: Finishing Our Models	