



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	G.14 Convert decimals to fractions >> H.4 Add and subtract decimals: word problems >>
Module 2: Adding and Subtracting Decimals	G.3 Understanding decimals expressed in words >> G.4 Place values in decimal numbers >> G.7 Round decimals >> G.8 Decimal number lines >> G.9 Compare decimals on number lines >> H.1 Add decimal numbers >> H.2 Subtract decimal numbers >> H.3 Add and subtract decimal numbers >> H.5 Choose decimals with a particular sum or difference >> H.6 Complete the addition or subtraction sentence >>
Module 3: Conversions	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 >>
Module 4: Division & the Area Model	A.7 Rounding >>

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

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	