



IXL Skill Alignment

5th grade alignment for Bridges[®] in Mathematics



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Unit 1

Expressions, Equations & Volume

Textbook section	IXL skills
Module 1: Multiplication & Volume	1. Choose numbers with a particular product YLP
Module 2: Factors, Multiples & the Associative Property	1. Prime and composite numbers 8PL
Module 3: Multiplication Strategies	1. Write numerical expressions: two operations 8ME
Module 4: From Multiplication to Division	1. Multiplication patterns over increasing place values BCK 2. Division facts to 12: word problems 2SA 3. Division patterns over increasing place values 8Z6

Unit 2

Adding & Subtracting Fractions

Textbook section	IXL skills
Module 1: Adding & Subtracting Fractions	<ol style="list-style-type: none">1. Convert fractions to decimals 6QG2. Fractions review PCF3. Compare fractions and mixed numbers U8J
Module 2: Fractions as Operators & Quotients	<ol style="list-style-type: none">1. Add fractions with unlike denominators using models 2BS2. Multiply fractions by whole numbers I QFQ
Module 3: Common Denominators	<ol style="list-style-type: none">1. Equivalent fractions MKA2. Add fractions with unlike denominators D9N3. Subtract fractions with unlike denominators VSP4. Add and subtract fractions with unlike denominators: word problems TCD5. Complete addition and subtraction sentences with fractions FCA6. Add mixed numbers with unlike denominators FHD
Module 4: LCMs & GCFs	<ol style="list-style-type: none">1. Greatest common factor 4C22. Least common multiple BMQ3. Write fractions in lowest terms A764. Compare fractions using benchmarks MJZ5. Compare fractions and mixed numbers U8J

Unit 3

Place Value & Decimals

Textbook section	IXL skills
Module 1: Whole Number & Decimal Place Value	<ol style="list-style-type: none">1. Convert decimals to fractions MN52. Add and subtract decimals: word problems 35U
Module 2: Adding and Subtracting Decimals	<ol style="list-style-type: none">1. Understanding decimals expressed in words F9G2. Place values in decimal numbers X8U3. Round decimals MPB4. Decimal number lines DQ25. Compare decimals on number lines CUF6. Add decimal numbers BDX7. Subtract decimal numbers SC88. Add and subtract decimal numbers 7VJ9. Choose decimals with a particular sum or difference ARW10. Complete the decimal addition or subtraction sentence ZKV
Module 3: Conversions	<ol style="list-style-type: none">1. Compare and convert metric units of length 8MZ2. Compare and convert metric units of weight TM93. Compare and convert metric units of volume 27C
Module 4: Division & the Area Model	<ol style="list-style-type: none">1. Rounding PVU

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	<ol style="list-style-type: none">1. Estimate products TKD2. Multiply by 2-digit numbers: complete the missing steps 9LX3. Multiply 2-digit numbers by 2-digit numbers LLJ4. Multiply 2-digit numbers by 3-digit numbers JHB
Module 4: Multiplying to Divide	<ol style="list-style-type: none">1. Divisibility rules QWD

Unit 5

Multiplying & Dividing Fractions

Textbook section	IXL skills
Module 1: Multiplying Whole Numbers by Fractions	<ol style="list-style-type: none">1. Multiply fractions by whole numbers I QFQ2. Multiply fractions by whole numbers II 69L3. Multiply fractions by whole numbers: word problems U2V
Module 2: Multiplying Fractions by Fractions	<ol style="list-style-type: none">1. Multiply two unit fractions using models HDJ
Module 3: More Fraction by Fraction Multiplication	<ol style="list-style-type: none">1. Multiply two fractions using models: fill in the missing factor AT72. Multiply two fractions using models UAY3. Scaling whole numbers by fractions QH24. Scaling fractions by fractions 9RF
Module 4: Dividing Fractions & Whole Numbers	<ol style="list-style-type: none">1. Divide unit fractions by whole numbers GXY2. Divide unit fractions and whole numbers: word problems G2N3. Divide whole numbers by fractions RHL

Unit 6

Graphing, Geometry & Volume

Textbook section	IXL skills
Module 1: Graphing Ordered Pairs	<ol style="list-style-type: none">1. Objects on a coordinate plane NTR2. Graph points on a coordinate plane AST
Module 2: Classifying Polygons	<ol style="list-style-type: none">1. Acute, obtuse, and right triangles N772. Scalene, isosceles, and equilateral triangles R943. Classify triangles C644. Identify parallelograms AJB5. Classify quadrilaterals 6ZQ
Module 3: Volume	<ol style="list-style-type: none">1. Volume of rectangular prisms made of unit cubes WG82. Volume of cubes and rectangular prisms TFL
Module 4: Banners & Flags	

Unit 7

Division & Decimals

Textbook section	IXL skills
Module 1: Division of Fractions & Whole Numbers	
Module 2: Division Interpretations & Strategies	<ol style="list-style-type: none">1. Divide by 1-digit numbers: interpret remainders 72W2. Divide 2-digit and 3-digit numbers by 2-digit numbers HMA3. Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems AJW4. Divisibility rules: word problems LKU
Module 3: Powers of Ten	<ol style="list-style-type: none">1. Convert between standard and expanded form HU72. Writing numbers in words: convert words to digits EZT3. Writing numbers in words: convert digits to words DZS4. Estimate products of decimals SL75. Multiply a decimal by a power of ten DN26. Complete the decimal multiplication sentence using grids R9T7. Divide by powers of ten H2N8. Decimal division patterns over increasing place values GBS
Module 4: Decimal Multiplication & Division	<ol style="list-style-type: none">1. Compare decimals and fractions ZEH2. Divide money amounts: word problems 2RU

Unit 8

Solar Design

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