



IXL Skill Alignment

3rd alignment for Texas GO Math!

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Module 1

Place Value

Textbook section	IXL skills
1.1: Numbers Through Thousands	B.1 Place value models up to thousands >> <i>See also:</i> B.5 Convert to/from a number >> B.6 Convert between place values >>
1.2: Read and Write Numbers Through Ten Thousands	B.4 Value of a digit >> B.5 Convert to/from a number >> B.7 Convert from expanded form >> B.8 Convert between standard and expanded form >> <i>See also:</i> B.9 Place value word problems >>
1.3: Numbers Through Hundred Thousands	B.4 Value of a digit >> B.5 Convert to/from a number >> B.6 Convert between place values >> B.7 Convert from expanded form >> B.8 Convert between standard and expanded form >> <i>See also:</i> B.9 Place value word problems >>
1.4: Numbers Through Ten Thousands on a Number Line	P.1 Rounding - nearest ten or hundred only >> P.2 Rounding >>
1.5: Compare and Order Whole Numbers	A.9 Compare numbers >> A.11 Order numbers >> <i>See also:</i> A.10 Which number is greatest/least? >>

Module 2

Representing Fractions

Textbook section	IXL skills
2.1: Equal Shares	W.17 Unit fractions: word problems >>
2.2: Unit Fractions of a Whole	W.6 Match fractions to models: halves, thirds, and fourths >> W.7 Match unit fractions to models >>
2.3: Fractions of a Whole	W.2 Understand fractions: fraction bars >> W.3 Understand fractions: area models >> W.4 Show fractions: fraction bars >> W.5 Show fractions: area models >> W.8 Match fractions to models >> W.19 Fractions of a whole: word problems >> <i>See also:</i> W.18 Fractions of a whole: modeling word problems >>
2.4: Fractions of a Number Line	W.11 Identify unit fractions on number lines >> W.12 Identify fractions on number lines >> W.13 Graph unit fractions on number lines >>
2.5: Write Fractions	

Module 3

Comparing Fractions

Textbook section	IXL skills	
3.1: Compare Fractions with the Same Denominator	Y.3	Graph and compare fractions with like denominators on number lines >>
3.2: Compare Fractions with the Same Numerator	Y.4	Graph and compare fractions with like numerators on number lines >>
3.3: Compare Fractions	Y.1	Compare fractions using models >>
	Y.2	Compare fractions using number lines >>
	Y.5	Graph and compare fractions on number lines >>
	Y.6	Compare fractions >>
3.4: Model Equivalent Fractions	X.1	Find equivalent fractions using area models >>
	X.2	Identify equivalent fractions on number lines >>
	X.3	Find equivalent fractions using number lines >>
	X.4	Graph equivalent fractions on number lines >>
3.5: Equivalent Fractions	X.1	Find equivalent fractions using area models >>
	X.2	Identify equivalent fractions on number lines >>
	X.3	Find equivalent fractions using number lines >>
	X.4	Graph equivalent fractions on number lines >>
	X.8	Select fractions equivalent to whole numbers using area models >>

Module 4

Addition

Textbook section	IXL skills
4.1: Round to the Nearest Ten or Hundred	P.1 Rounding - nearest ten or hundred only >> <i>See also:</i> P.2 Rounding >>
4.2: Estimate Sums	P.5 Estimate sums up to 1,000 >>
4.3: Use Properties to Add	
4.4: Use the Break Apart Strategy to Add	C.1 Add two numbers up to three digits >> C.3 Add two numbers up to three digits - word problems >>
4.5: Use Place Value to Add	C.1 Add two numbers up to three digits >> C.3 Add two numbers up to three digits - word problems >> <i>See also:</i> C.4 Complete the addition sentence - up to three digits >> C.5 Balance addition equations - up to three digits >> C.6 Add three numbers up to three digits each >> C.7 Add three numbers up to three digits each: word problems >>
4.6: Money Amounts	S.1 Count coins and bills - up to \$5 bill >> <i>See also:</i> S.2 Purchases - do you have enough money - up to \$10 >> S.3 Which picture shows more? >>

Module 5

Subtraction

Textbook section	IXL skills
5.1: Estimate Differences	P.8 Estimate differences up to 1,000 >> P.9 Estimate differences >>
5.2: Use Place Value to Subtract	D.1 Subtract numbers up to three digits >> D.3 Subtract numbers up to three digits - word problems >> <i>See also:</i> D.2 Subtraction input/output tables - up to three digits >> D.4 Complete the subtraction sentence - up to three digits >>
5.3: Combine Place Values to Subtract	D.1 Subtract numbers up to three digits >> D.3 Subtract numbers up to three digits - word problems >> <i>See also:</i> D.2 Subtraction input/output tables - up to three digits >> D.4 Complete the subtraction sentence - up to three digits >>
5.4: Model Addition and Subtraction	

Module 6

Multiplication Concepts

Textbook section	IXL skills
6.1: Relate Addition and Multiplication	E.1 Count equal groups >> E.3 Write multiplication sentences for equal groups >> E.4 Relate addition and multiplication for equal groups >> N.9 Relate addition and multiplication >> <i>See also:</i> E.2 Identify multiplication expressions for equal groups >>
6.2: Skip Count on a Number Line	E.8 Write multiplication sentences for number lines >>
6.3: Model Multiplication	H.6 Multiplication word problems >>
6.4: Model with Arrays	E.5 Identify multiplication expressions for arrays >> E.7 Make arrays to model multiplication >>
6.5: Commutative Property of Multiplication	
6.6: Multiply with 1 and 0	F.1 Multiply by 0 >> F.2 Multiply by 1 >>

Module 7

Multiply with 2, 3, 4, 5, 6, and 10

Textbook section	IXL skills
7.1: Multiply with 2 and 4	F.3 Multiply by 2 >> F.5 Multiply by 4 >>
7.2: Multiply with 5 and 10	F.6 Multiply by 5 >> F.11 Multiply by 10 >>
7.3: Multiply with 3 and 6	F.4 Multiply by 3 >> F.7 Multiply by 6 >> <i>See also:</i> G.1 Multiplication tables for 2, 3, 4, 5, and 10 >> G.2 Multiplication facts for 2, 3, 4, 5, and 10: true or false? >>
7.4: Distributive Property	N.6 Distributive property: find the missing factor >>

Module 8

Multiply with 7, 8, and 9

Textbook section	IXL skills
8.1: Multiply with 7	F.8 Multiply by 7 >>
8.2: Associative Property of Multiplication	N.5 Properties of multiplication >> N.8 Solve using properties of multiplication >>
8.3: Patterns on the Multiplication Table	
8.4: Multiply with 8	F.9 Multiply by 8 >>
8.5: Multiply with 9	F.10 Multiply by 9 >> <i>See also:</i> G.3 Multiplication facts for 2, 3, 4, 5, and 10: sorting >> G.4 Multiplication facts for 2, 3, 4, 5, and 10: find the missing factor >> G.5 Multiplication tables for 6, 7, 8, and 9 >> G.6 Multiplication facts for 6, 7, 8, and 9: true or false? >> G.8 Multiplication facts for 6, 7, 8, and 9: find the missing factor >> G.9 Multiplication tables up to 10 >> G.10 Multiplication facts up to 10: true or false? >> G.12 Multiplication facts up to 10: find the missing factor >> G.13 Multiplication facts up to 10: select the missing factors >> G.14 Multiplication sentences up to 10: true or false? >>
8.6: Two-Step Multiplication Problems	

Module 9

Multiply with 2-Digit Numbers

Textbook section	IXL skills	
9.1: Use the Distributive Property		
9.2: Multiplication Strategies with Multiples of 10	H.1	Multiply by a multiple of ten >>
9.3: Multiply Multiples of 10 by 1-Digit Numbers	H.1	Multiply by a multiple of ten >>
9.4: Partial Products		
9.5: Multiply 2-Digit by 1-Digit Numbers	N.7	Multiply using the distributive property >>

Module 10

Division Concepts

Textbook section	IXL skills
10.1: Model Division	I.1 Divide by counting equal groups >> L.5 Division word problems >>
10.2: Number of Equal Groups	I.2 Write division sentences for groups >> L.5 Division word problems >>
10.3: Division Models	L.5 Division word problems >>
10.4: Relate Subtraction and Division	
10.5: Model with Arrays	I.4 Write division sentences for arrays >> I.5 Relate multiplication and division for arrays >>

Module 11

Division Strategies

Textbook section	IXL skills
11.1: Write Related Facts	
11.2: Division Rules of 1 and 0	J.1 Divide by 1 >>
11.3: Even and Odd Numbers	

Module 12

Divide by 2, 3, 4, 5, and 10

Textbook section	IXL skills	
12.1: Divide by 2	J.2	Divide by 2 >>
12.2: Divide by 10	J.10	Divide by 10 >>
12.3: Divide by 5	J.5	Divide by 5 >>
12.4: Divide by 3	J.3	Divide by 3 >>
12.5: Divide by 4	J.4	Divide by 4 >>
<i>See also:</i>		
	K.2	Division facts for 2, 3, 4, 5, and 10: true or false? >>
	K.3	Division facts for 2, 3, 4, 5, and 10: sorting >>

Module 13

Divide by 6, 7, 8, and 9

Textbook section	IXL skills
13.1: Divide by 6	J.6 Divide by 6 >>
13.2: Divide by 7	J.7 Divide by 7 >>
13.3: Divide by 8	J.8 Divide by 8 >>
13.4: Divide by 9	J.9 Divide by 9 >> K.4 Division facts for 6, 7, 8, and 9 >> K.7 Division facts up to 10 >> <i>See also:</i> K.5 Division facts for 6, 7, 8, and 9: true or false? >> K.6 Division facts for 6, 7, 8, and 9: sorting >> K.8 Division facts up to 10: true or false? >> K.9 Division facts up to 10: sorting >> K.10 Division facts up to 10: find the missing number >> K.11 Division facts up to 10: select the missing numbers >> K.12 Division sentences up to 10: true or false? >> M.4 Multiplication and division facts up to 10: true or false? >>
13.5: Two-Step Problems	

Module 14

Algebra

Textbook section	IXL skills
14.1: Addition Strategies	C.1 Add two numbers up to three digits >> C.3 Add two numbers up to three digits - word problems >> <i>See also:</i> C.2 Addition input/output tables - up to three digits >>
14.2: Subtraction Strategies	D.1 Subtract numbers up to three digits >> D.3 Subtract numbers up to three digits - word problems >> <i>See also:</i> D.2 Subtraction input/output tables - up to three digits >> M.8 Addition and subtraction word problems >>
14.3: Number Patterns	A.5 Number sequences >>
14.4: Relate Multiplication and Division	H.6 Multiplication word problems >> L.5 Division word problems >>
14.5: Multiplication Comparisons	
14.6: Real World Relationships	H.4 Multiplication input/output tables >> H.5 Multiplication input/output tables: find the rule >> L.3 Division input/output tables >> L.4 Division input/output tables: find the rule >>
14.7: Find Unknown Numbers	G.8 Multiplication facts for 6, 7, 8, and 9: find the missing factor >>

Module 15

Two-Dimensional Figures and Three-Dimensional Solids

Textbook section	IXL skills
15.1: Classify Quadrilaterals	DD.8 Classify quadrilaterals >>
15.2: Draw Quadrilaterals	
15.3: Classify Plane Figures	
15.4: Identify Congruent Figures	
15.5: Three-Dimensional Solids	CC.1 Identify two-dimensional shapes >> EE.2 Count vertices, edges, and faces >>

Module 16

Area

Textbook section	IXL skills
16.1: Measure Area	FF.6 Find the area of figures made of unit squares >>
16.2: Use Area Models	FF.6 Find the area of figures made of unit squares >> <i>See also:</i> FF.9 Create figures with a given area >>
16.3: Area of Rectangles	FF.10 Find the area of rectangles and squares >> FF.13 Find the area of rectangles: word problems >>
16.4: Relate Figures, Fractions, and Area	
16.5: Area of Combined Rectangles	FF.14 Find the area of complex figures >>

Module 17

Perimeter

Textbook section	IXL skills
17.1: Model Perimeter	
17.2: Find Perimeter	FF.1 Perimeter of rectangles >> <i>See also:</i> FF.16 Compare area and perimeter of two figures >> FF.17 Use area and perimeter to determine cost >> FF.18 Relationship between area and perimeter I >>
17.3: Find Unknown Side Lengths	FF.4 Perimeter: find the missing side length >>

Module 18

Time, Liquid Volume, and Weight

Textbook section	IXL skills	
18.1: Measure Time Intervals	T.7	Elapsed time word problems I >>
18.2: Use Time Intervals	T.6	Elapsed time >>
18.3: Time Intervals		
18.4: Fractions in Measurements	Y.3	Graph and compare fractions with like denominators on number lines >>
18.5: Customary Units for Capacity	BB.10	Compare and convert customary units of volume >>
18.6: Metric Units for Liquid Volume	BB.15	Which metric unit of volume is appropriate? >>
18.7: Customary Units for Weight		
18.8: Metric Units for Mass	BB.14	Which metric unit of weight is appropriate? >>

Module 19

Graphs

Textbook section	IXL skills	
19.1: Frequency Tables	U.4	Interpret tally charts and tables >>
19.2: Pictographs	U.11	Interpret pictographs >>
	U.12	Create pictographs >>
19.3: Bar Graphs	U.5	Interpret bar graphs >>
19.4: Solve Problems with Bar Graphs	U.7	Create bar graphs >>
19.5: Dot Plots	U.8	Interpret line plots >>
	U.9	Create line plots >>

Module 20

Income and Spending

Textbook section	IXL skills
20.1: Making an Income	
20.2: Cost of Resources	A.11 Order numbers >> S.6 Put money amounts in order >>
20.3: Spending Decisions	
20.4: Borrowing and Credit	
20.5: Savings Plan	
20.6: Financial Decisions	