



# IXL Skill Alignment

3rd alignment for Texas GO Math!

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# Module 1

## Place Value

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

# Module 2

## Representing Fractions

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

# Module 3

## Comparing Fractions

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

# Module 4

## Addition

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

# Module 5

## Subtraction

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

# Module 6

## Multiplication Concepts

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

# Module 7

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

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



# Module 8

## Multiply with 7, 8, and 9

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

# Module 9

## Multiply with 2-Digit Numbers

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

# Module 10

## Division Concepts

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

# Module 12

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

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

# Module 13

## Divide by 6, 7, 8, and 9

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

# Module 14

## Algebra

Textbook section	IXL skills
<b>14.1:</b> Addition Strategies	<p><b>C.1</b> Add two numbers up to three digits &gt;&gt;</p> <p><b>C.3</b> Add two numbers up to three digits - word problems &gt;&gt;</p> <p><i>See also:</i></p> <p><b>C.2</b> Addition input/output tables - up to three digits &gt;&gt;</p>
<b>14.2:</b> Subtraction Strategies	<p><b>D.1</b> Subtract numbers up to three digits &gt;&gt;</p> <p><b>D.3</b> Subtract numbers up to three digits - word problems &gt;&gt;</p> <p><i>See also:</i></p> <p><b>D.2</b> Subtraction input/output tables - up to three digits &gt;&gt;</p> <p><b>M.8</b> Addition and subtraction word problems &gt;&gt;</p>
<b>14.3:</b> Number Patterns	<b>A.5</b> Number sequences >>
<b>14.4:</b> Relate Multiplication and Division	<p><b>H.6</b> Multiplication word problems &gt;&gt;</p> <p><b>L.5</b> Division word problems &gt;&gt;</p>
<b>14.5:</b> Multiplication Comparisons	
<b>14.6:</b> Real World Relationships	<p><b>H.4</b> Multiplication input/output tables &gt;&gt;</p> <p><b>H.5</b> Multiplication input/output tables: find the rule &gt;&gt;</p> <p><b>L.3</b> Division input/output tables &gt;&gt;</p> <p><b>L.4</b> Division input/output tables: find the rule &gt;&gt;</p>
<b>14.7:</b> Find Unknown Numbers	<b>G.8</b> 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
<b>15.1:</b> Classify Quadrilaterals	<b>DD.8</b> <a href="#">Classify quadrilaterals &gt;&gt;</a>
<b>15.2:</b> Draw Quadrilaterals	
<b>15.3:</b> Classify Plane Figures	
<b>15.4:</b> Identify Congruent Figures	
<b>15.5:</b> Three-Dimensional Solids	<b>CC.1</b> <a href="#">Identify two-dimensional shapes &gt;&gt;</a> <b>EE.2</b> <a href="#">Count vertices, edges, and faces &gt;&gt;</a>



# Module 16

## Area

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

# Module 17

## Perimeter

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

# Module 18

## Time, Liquid Volume, and Weight

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

# Module 19

## Graphs

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

# Module 20

## Income and Spending

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