



# IXL Skill Alignment

2nd alignment for GO Math! 2015 Common Core Edition

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# Chapter 1

## Number Concepts

Textbook section	IXL skills	
<b>Lesson 1.1:</b> Even and Odd Numbers	<b>A.9</b>	Even or odd >>
<b>Lesson 1.2:</b> Represent Even Numbers		
<b>Lesson 1.3:</b> Understand Place Value	<b>M.5</b>	Place value - tens and ones >>
<b>Lesson 1.4:</b> Expanded Form	<b>M.8</b>	Convert to/from a number - tens and ones >>
<b>Lesson 1.5:</b> Different Ways to Write Numbers	<b>C.2</b>	Writing numbers up to 100 in words - convert words to digits >>
	<b>C.3</b>	Writing numbers up to 100 in words - convert digits to words >>
<b>Lesson 1.6:</b> Different Names for Numbers	<b>M.1</b>	Place value models - tens and ones >>
<b>Lesson 1.7:</b> Tens and Ones		
<b>Lesson 1.8:</b> Counting Patterns Within 100	<b>A.1</b>	Skip-counting >>
<b>Lesson 1.9:</b> Counting Patterns Within 1,000		

# Chapter 2

## Numbers to 1,000

Textbook section	IXL skills	
<b>Lesson 2.1:</b> Group Tens as Hundreds		
<b>Lesson 2.2:</b> Explore 3-Digit Numbers		
<b>Lesson 2.3:</b> Model 3-Digit Numbers		
<b>Lesson 2.4:</b> Hundreds, Tens, and Ones	<b>M.2</b>	Place value models - up to hundreds >>
<b>Lesson 2.5:</b> Place Value to 1,000	<b>M.4</b>	Identify a digit up to the hundreds place >>
	<b>M.6</b>	Place value - up to hundreds >>
<b>Lesson 2.6:</b> Number Names	<b>C.4</b>	Writing numbers up to 1,000 in words - convert words to digits >>
	<b>C.5</b>	Writing numbers up to 1,000 in words - convert digits to words >>
<b>Lesson 2.7:</b> Different Forms of Numbers	<b>M.11</b>	Convert to/from a number - up to hundreds >>
	<b>M.14</b>	Convert from expanded form - up to hundreds >>
<b>Lesson 2.8:</b> Different Ways to Show Numbers		
<b>Lesson 2.9:</b> Count On and Count Back by 10 and 100	<b>L.7</b>	Input/output tables - add and subtract by 10 >>
	<b>L.13</b>	Input/output tables - add and subtract by 100 >>
	<b>L.14</b>	Input/output tables - add and subtract by 10 or 100 >>
<b>Lesson 2.10:</b> Number Patterns		
<b>Lesson 2.11:</b> Compare Numbers		
<b>Lesson 2.12:</b> Compare Numbers	<b>B.2</b>	Comparing numbers up to 1,000 >>

# Chapter 3

## Basic Facts and Relationships

Textbook section	IXL skills	
<b>Lesson 3.1:</b> Use Double Facts	<b>E.11</b>	Add doubles >>
	<b>E.12</b>	Add doubles - complete the sentence >>
<b>Lesson 3.2:</b> Practice Addition Facts	<b>E.1</b>	Review - add one-digit numbers - sums to 10 >>
	<b>E.2</b>	Review - ways to make a number - sums to 10 >>
	<b>E.7</b>	Add one-digit numbers >>
	<b>E.14</b>	Complete the addition sentence - one digit >>
<b>Lesson 3.3:</b> Make a Ten to Add		
<b>Lesson 3.4:</b> Add 3 Addends	<b>E.18</b>	Add three one-digit numbers >>
	<b>E.19</b>	Add three one-digit numbers: word problems >>
<b>Lesson 3.5:</b> Relate Addition and Subtraction	<b>K.3</b>	Fact families >>
<b>Lesson 3.6:</b> Practice Subtraction Facts	<b>F.1</b>	Review - subtract one-digit numbers - up to 10 >>
	<b>F.2</b>	Review - ways to subtract - up to 10 >>
	<b>F.8</b>	Subtract a one-digit number from a two-digit number up to 18 >>
	<b>F.10</b>	Subtract zero/all >>
	<b>F.12</b>	Complete the subtraction sentence - up to 18 >>
<b>Lesson 3.7:</b> Use Ten to Subtract		
<b>Lesson 3.8:</b> Use Drawings to Represent Problems		
<b>Lesson 3.9:</b> Use Equations to Represent Problems	<b>E.13</b>	Addition word problems - one digit >>
	<b>E.15</b>	Write the addition sentence - one digit >>
	<b>F.11</b>	Subtraction word problems - up to 18 >>
	<b>F.13</b>	Write the subtraction sentence - up to 18 >>

**L.3** Addition and subtraction word problems -  
up to 20 >>

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**Lesson 3.10:** Equal Groups

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**Lesson 3.11:** Repeated Addition

- E.22** Identify repeated addition in arrays: sums  
to 10 >>
  - E.23** Write addition sentences for arrays: sums  
to 10 >>
  - E.24** Identify repeated addition in arrays: sums  
to 25 >>
  - E.25** Write addition sentences for arrays: sums  
to 25 >>
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# Chapter 4

## 2-Digit Addition

Textbook section	IXL skills	
<b>Lesson 4.1:</b> Break Apart Ones to Add		
<b>Lesson 4.2:</b> Use Compensation		
<b>Lesson 4.3:</b> Break Apart Addends as Tens and Ones		
<b>Lesson 4.4:</b> Model Regrouping for Addition		
<b>Lesson 4.5:</b> Model and Record 2-Digit Addition		
<b>Lesson 4.6:</b> 2-Digit Addition	<b>G.3</b>	Add a two-digit and a one-digit number - without regrouping >>
	<b>G.4</b>	Add a two-digit and a one-digit number - with regrouping >>
<b>Lesson 4.7:</b> Practice 2-Digit Addition	<b>G.5</b>	Add two two-digit numbers - without regrouping >>
	<b>G.6</b>	Add two two-digit numbers - with regrouping >>
	<b>G.8</b>	Ways to make a number using addition >>
	<b>G.10</b>	Complete the addition sentence - up to two digits >>
<b>Lesson 4.8:</b> Rewrite 2-Digit Addition		
<b>Lesson 4.9:</b> Addition	<b>G.9</b>	Addition word problems - up to two digits >>
<b>Lesson 4.10:</b> Write Equations to Represent Addition	<b>G.2</b>	Write addition sentences to describe pictures >>
	<b>G.11</b>	Write the addition sentence - up to two digits >>
<b>Lesson 4.11:</b> Find Sums for 3 Addends	<b>G.13</b>	Add three numbers up to two digits each >>
	<b>G.14</b>	Add three numbers up to two digits each: word problems >>

**Lesson 4.12:** Find Sums for 4 Addends**G.15** Add four or more numbers up to two digits each >>**G.16** Add four or more numbers up to two digits each: word problems >>

# Chapter 5

## 2-Digit Subtraction

Textbook section	IXL skills
<b>Lesson 5.1:</b> Break Apart Ones to Subtract	
<b>Lesson 5.2:</b> Break Apart Numbers to Subtract	
<b>Lesson 5.3:</b> Model Regrouping for Subtraction	
<b>Lesson 5.4:</b> Model and Record 2-Digit Subtraction	
<b>Lesson 5.5:</b> 2-Digit Subtraction	<b>H.3</b> Subtract a one-digit number from a two-digit number - without regrouping >>
	<b>H.4</b> Subtract a one-digit number from a two-digit number - with regrouping >>
<b>Lesson 5.6:</b> Practice 2-Digit Subtraction	<b>H.5</b> Subtract two two-digit numbers - without regrouping >>
	<b>H.6</b> Subtract two two-digit numbers - with regrouping >>
	<b>H.8</b> Ways to make a number using subtraction >>
	<b>H.10</b> Complete the subtraction sentence - up to two digits >>
<b>Lesson 5.7:</b> Rewrite 2-Digit Subtraction	
<b>Lesson 5.8:</b> Add to Find Differences	
<b>Lesson 5.9:</b> Subtraction	<b>H.9</b> Subtraction word problems - up to two digits >>
<b>Lesson 5.10:</b> Write Equations to Represent Subtraction	<b>H.2</b> Write subtraction sentences to describe pictures - up to two digits >>
	<b>H.11</b> Write the subtraction sentence - up to two digits >>
<b>Lesson 5.11:</b> Solve Multistep Problems	



# Chapter 6

## 3-Digit Addition and Subtraction

Textbook section	IXL skills	
<b>Lesson 6.1:</b> Draw to Represent 3-Digit Addition		
<b>Lesson 6.2:</b> Break Apart 3-Digit Addends		
<b>Lesson 6.3:</b> 3-Digit Addition: Regroup Ones		
<b>Lesson 6.4:</b> 3-Digit Addition: Regroup Tens		
<b>Lesson 6.5:</b> Addition: Regroup Ones and Tens	<b>I.3</b>	Addition with three-digit numbers >>
	<b>I.6</b>	Complete the addition sentence - up to three digits >>
	<b>M.9</b>	Regroup tens and ones - ways to make a number >>
	<b>M.10</b>	Regroup tens and ones >>
<b>Lesson 6.6:</b> 3-Digit Subtraction	<b>J.5</b>	Subtraction word problems - up to three digits >>
<b>Lesson 6.7:</b> 3-Digit Subtraction: Regroup Tens		
<b>Lesson 6.8:</b> 3-Digit Subtraction: Regroup Hundreds		
<b>Lesson 6.9:</b> Subtraction: Regroup Hundreds and Tens		
<b>Lesson 6.10:</b> Regrouping with Zeros	<b>J.3</b>	Subtract three-digit numbers >>
	<b>J.6</b>	Complete the subtraction sentence - up to three digits >>

# Chapter 7

## Money and Time

Textbook section	IXL skills
<b>Lesson 7.1:</b> Dimes, Nickels, and Pennies	<b>P.3</b> Count money - pennies, nickels, and dimes only >>
<b>Lesson 7.2:</b> Quarters	
<b>Lesson 7.3:</b> Count Collections	<b>P.4</b> Count money - up to \$1 >>
<b>Lesson 7.4:</b> Show Amounts in Two Ways	<b>P.6</b> Equivalent amounts of money - up to \$1 >> <b>P.7</b> Exchanging money >> <b>P.8</b> Comparing groups of coins >>
<b>Lesson 7.5:</b> One Dollar	<b>P.19</b> How much more to make a dollar? >>
<b>Lesson 7.6:</b> Amounts Greater Than \$1	<b>P.5</b> Count money - up to \$5 >>
<b>Lesson 7.7:</b> Money	<b>P.10</b> Add money - up to \$1: word problems >> <b>P.12</b> Subtract money - up to \$1: word problems >> <b>P.14</b> Add and subtract money - up to \$1: word problems >> <b>P.15</b> Purchases - do you have enough money - up to \$1 >> <b>P.16</b> Purchases - do you have enough money - up to \$5 >> <b>P.20</b> Making change >>
<b>Lesson 7.8:</b> Time to the Hour and Half Hour	<b>Q.4</b> Read clocks and write times: hour and half hour >>
<b>Lesson 7.9:</b> Time to 5 minutes	<b>Q.1</b> Match digital clocks and times >> <b>Q.2</b> Match analog clocks and times >> <b>Q.3</b> Match analog and digital clocks >> <b>Q.5</b> Read clocks and write times >>
<b>Lesson 7.10:</b> Practice Telling Time	<b>Q.6</b> Time words: o'clock, half, quarter >>

**Lesson 7.11:** A.M. and P.M.**Q.7**

A.M. or P.M. &gt;&gt;

# Chapter 8

## Length in Customary Units

Textbook section		IXL skills	
<b>Lesson 8.1:</b> Measure with Inch Models			
<b>Lesson 8.2:</b> Make and Use a Ruler			
<b>Lesson 8.3:</b> Estimate Lengths in Inches			
<b>Lesson 8.4:</b> Measure with an Inch Ruler	<b>S.2</b>	Measure using an inch ruler >>	
<b>Lesson 8.5:</b> Add and Subtract in Inches	<b>S.4</b>	Customary units of length: word problems >>	
<b>Lesson 8.6:</b> Measure in Inches and Feet			
<b>Lesson 8.7:</b> Estimate Lengths in Feet	<b>S.3</b>	Which customary unit of length is appropriate? >>	
<b>Lesson 8.8:</b> Choose a Tool			
<b>Lesson 8.9:</b> Display Measurement Data	<b>R.7</b>	Create line plots >>	

# Chapter 9

## Length in Metric Units

Textbook section	IXL skills	
Lesson 9.1: Measure with a Centimeter Model		
Lesson 9.2: Estimate Lengths in Centimeters		
Lesson 9.3: Measure with a Centimeter Ruler	S.8	Measure using a centimeter ruler >>
Lesson 9.4: Add and Subtract Lengths	S.10	Metric units of length: word problems >>
Lesson 9.5: Centimeters and Meters		
Lesson 9.6: Estimate Lengths in Meters	S.9	Which metric unit of length is appropriate? >>
Lesson 9.7: Measure and Compare Lengths		

# Chapter 10

## Data

Textbook section	IXL skills	
<b>Lesson 10.1:</b> Collect Data		
<b>Lesson 10.2:</b> Read Picture Graphs	<b>R.8</b>	Interpret pictographs I >>
<b>Lesson 10.3:</b> Make Picture Graphs	<b>R.10</b>	Create pictographs I >>
<b>Lesson 10.4:</b> Read Bar Graphs	<b>R.2</b>	Interpret bar graphs I >>
	<b>R.3</b>	Interpret bar graphs II >>
	<b>R.4</b>	Which bar graph is correct? >>
<b>Lesson 10.5:</b> Make Bar Graphs	<b>R.5</b>	Create bar graphs >>
<b>Lesson 10.6:</b> Display Data		

# Chapter 11

## Geometry and Fraction Concepts

Textbook section	IXL skills
<b>Lesson 11.1:</b> Three-Dimensional Shapes	<b>U.1</b> Name the three-dimensional shape >> <b>U.2</b> Select three-dimensional shapes >> <b>U.7</b> Shapes of everyday objects I >> <b>U.8</b> Shapes of everyday objects II >>
<b>Lesson 11.2:</b> Attributes of Three-Dimensional Shapes	<b>U.3</b> Count vertices, edges, and faces >> <b>U.4</b> Compare vertices, edges, and faces >> <b>U.5</b> Identify faces of three-dimensional shapes >> <b>U.6</b> Identify shapes traced from solids >>
<b>Lesson 11.3:</b> Build three-Dimensional Shapes	
<b>Lesson 11.4:</b> Two-Dimensional Shapes	<b>T.1</b> Name the two-dimensional shape >> <b>T.2</b> Select two-dimensional shapes >> <b>T.3</b> Count sides and vertices >> <b>T.4</b> Compare sides and vertices >>
<b>Lesson 11.5:</b> Angles in Two-Dimensional Shapes	
<b>Lesson 11.6:</b> Sort Two-Dimensional Shapes	
<b>Lesson 11.7:</b> Partition Rectangles	<b>V.3</b> Area >>
<b>Lesson 11.8:</b> Equal Parts	<b>W.1</b> Equal parts >>
<b>Lesson 11.9:</b> Show Equal Parts of a Whole	
<b>Lesson 11.10:</b> Describe Equal Parts	
<b>Lesson 11.11:</b> Equal Shares	