



# 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 >><br><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                       | <p><b>G.3</b> Add a two-digit and a one-digit number - without regrouping &gt;&gt;</p> <p><b>G.4</b> Add a two-digit and a one-digit number - with regrouping &gt;&gt;</p>   |
| <b>Lesson 4.7:</b> Practice 2-Digit Addition              | <p><b>G.5</b> Add two two-digit numbers - without regrouping &gt;&gt;</p> <p><b>G.6</b> Add two two-digit numbers - with regrouping &gt;&gt;</p> <p><b>G.8</b> Ways to make a number using addition &gt;&gt;</p> <p><b>G.10</b> Complete the addition sentence - up to two digits &gt;&gt;</p> |
| <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 | <p><b>G.2</b> Write addition sentences to describe pictures &gt;&gt;</p> <p><b>G.11</b> Write the addition sentence - up to two digits &gt;&gt;</p>  |
| <b>Lesson 4.11:</b> Find Sums for 3 Addends               | <p><b>G.13</b> Add three numbers up to two digits each &gt;&gt;</p> <p><b>G.14</b> Add three numbers up to two digits each: word problems &gt;&gt;</p>   |

**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 >>

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# 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                       | <p><b>H.3</b> Subtract a one-digit number from a two-digit number - without regrouping &gt;&gt;</p> <p><b>H.4</b> Subtract a one-digit number from a two-digit number - with regrouping &gt;&gt;</p>   |
| <b>Lesson 5.6:</b> Practice 2-Digit Subtraction              | <p><b>H.5</b> Subtract two two-digit numbers - without regrouping &gt;&gt;</p> <p><b>H.6</b> Subtract two two-digit numbers - with regrouping &gt;&gt;</p> <p><b>H.8</b> Ways to make a number using subtraction &gt;&gt;</p> <p><b>H.10</b> Complete the subtraction sentence - up to two digits &gt;&gt;</p> |
| <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 | <p><b>H.2</b> Write subtraction sentences to describe pictures - up to two digits &gt;&gt;</p> <p><b>H.11</b> Write the subtraction sentence - up to two digits &gt;&gt;</p>   |
| <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        | <p><b>I.3</b> Addition with three-digit numbers &gt;&gt;</p> <p><b>I.6</b> Complete the addition sentence - up to three digits &gt;&gt;</p> <p><b>M.9</b> Regroup tens and ones - ways to make a number &gt;&gt;</p> <p><b>M.10</b> Regroup tens and ones &gt;&gt;</p> |
| <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                 | <p><b>J.3</b> Subtract three-digit numbers &gt;&gt;</p> <p><b>J.6</b> Complete the subtraction sentence - up to three digits &gt;&gt;</p>  |

# 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 >><br><b>P.7</b> Exchanging money >><br><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 >><br><b>P.12</b> Subtract money - up to \$1: word problems >><br><b>P.14</b> Add and subtract money - up to \$1: word problems >><br><b>P.15</b> Purchases - do you have enough money - up to \$1 >><br><b>P.16</b> Purchases - do you have enough money - up to \$5 >><br><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 >><br><b>Q.2</b> Match analog clocks and times >><br><b>Q.3</b> Match analog and digital clocks >><br><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. >>

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# 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  |  |
|--|-------------|--|
| <b>Lesson 9.1:</b> Measure with a Centimeter Model |             |  |
| <b>Lesson 9.2:</b> Estimate Lengths in Centimeters |             |  |
| <b>Lesson 9.3:</b> Measure with a Centimeter Ruler | <b>S.8</b>  | Measure using a centimeter ruler >>            |
| <b>Lesson 9.4:</b> Add and Subtract Lengths        | <b>S.10</b> | Metric units of length: word problems >>       |
| <b>Lesson 9.5:</b> Centimeters and Meters          |             |  |
| <b>Lesson 9.6:</b> Estimate Lengths in Meters      | <b>S.9</b>  | Which metric unit of length is appropriate? >> |
| <b>Lesson 9.7:</b> 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 >><br><b>R.3</b> Interpret bar graphs II >><br><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 >><br><b>U.2</b> Select three-dimensional shapes >><br><b>U.7</b> Shapes of everyday objects I >><br><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 >><br><b>U.4</b> Compare vertices, edges, and faces >><br><b>U.5</b> Identify faces of three-dimensional shapes >><br><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 >><br><b>T.2</b> Select two-dimensional shapes >><br><b>T.3</b> Count sides and vertices >><br><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                          |  |