



IXL Skill Alignment

2nd grade alignment for GO Math! 2015 Common Core Edition



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Chapter 1

Number Concepts

Textbook section	IXL skills
Lesson 1.1: Even and Odd Numbers	<ol style="list-style-type: none"> 1. Even or odd 54Z 2. Identify numbers as even or odd RGJ 3. Select even or odd numbers JLX
Lesson 1.2: Represent Even Numbers	<ol style="list-style-type: none"> 1. Add doubles - complete the sentence S46
Lesson 1.3: Understand Place Value	<ol style="list-style-type: none"> 1. Place value - tens and ones RSH
Lesson 1.4: Expanded Form	<ol style="list-style-type: none"> 1. Convert to/from a number - tens and ones GDN
Lesson 1.5: Different Ways to Write Numbers	<ol style="list-style-type: none"> 1. Writing numbers up to 100 in words - convert words to digits 2FT 2. Writing numbers up to 100 in words - convert digits to words VPG
Lesson 1.6: Different Names for Numbers	<ol style="list-style-type: none"> 1. Place value models - tens and ones HQR
Lesson 1.7: Tens and Ones	<ol style="list-style-type: none"> 1. Regroup tens and ones - ways to make a number JKT
Lesson 1.8: Counting Patterns Within 100	<ol style="list-style-type: none"> 1. Skip-counting by fives VHG
Lesson 1.9: Counting Patterns Within 1,000	<ol style="list-style-type: none"> 1. Skip-counting puzzles U6J

Chapter 2

Numbers to 1,000

Textbook section	IXL skills
Lesson 2.1: Group Tens as Hundreds	
Lesson 2.2: Explore 3-Digit Numbers	
Lesson 2.3: Model 3-Digit Numbers	1. Place value models - up to hundreds PBX
Lesson 2.4: Hundreds, Tens, and Ones	1. Place value models - up to hundreds PBX 2. Convert to/from a number - up to hundreds HUX
Lesson 2.5: Place Value to 1,000	1. Identify a digit up to the hundreds place 45U 2. Place value - up to hundreds BDF
Lesson 2.6: Number Names	1. Writing numbers up to 1,000 in words - convert words to digits JKD 2. Writing numbers up to 1,000 in words - convert digits to words VPQ
Lesson 2.7: Different Forms of Numbers	1. Convert to/from a number - up to hundreds HUX 2. Convert from expanded form - up to hundreds LG5
Lesson 2.8: Different Ways to Show Numbers	
Lesson 2.9: Count On and Count Back by 10 and 100	1. Input/output tables - add and subtract by 10 WR2 2. Input/output tables - add and subtract by 100 C97 3. Input/output tables - add and subtract by 10 or 100 6XK
Lesson 2.10: Number Patterns	1. Count forward and backward by fives, tens, and hundreds R5A
Lesson 2.11: Compare Numbers	1. Greatest and least - word problems - up to 100 2F7 2. Greatest and least - word problems - up to 1,000 6QX

Lesson 2.12: Compare Numbers

1. Comparing numbers up to 1,000 XF9

Chapter 3

Basic Facts and Relationships

Textbook section	IXL skills
Lesson 3.1: Use Double Facts	<ol style="list-style-type: none"> 1. Add doubles 8Z7 2. Add doubles - complete the sentence S46
Lesson 3.2: Practice Addition Facts	<ol style="list-style-type: none"> 1. Add one-digit numbers - sums to 10 M55 2. Ways to make a number with addition - sums to 10 KKE 3. Add one-digit numbers 5C6 4. Complete the addition sentence - sums to 20 MQX
Lesson 3.3: Make a Ten to Add	
Lesson 3.4: Add 3 Addends	<ol style="list-style-type: none"> 1. Add three one-digit numbers YCC 2. Add three one-digit numbers: word problems VJ9
Lesson 3.5: Relate Addition and Subtraction	<ol style="list-style-type: none"> 1. Fact families NSN
Lesson 3.6: Practice Subtraction Facts	<ol style="list-style-type: none"> 1. Subtract one-digit numbers - up to 10 VY2 2. Ways to subtract - up to 10 RHJ 3. Subtract a one-digit number from a two-digit number up to 18 HSU 4. Subtract zero/all ZG2 5. Complete the subtraction sentence - up to 18 QS5
Lesson 3.7: Use Ten to Subtract	
Lesson 3.8: Use Drawings to Represent Problems	<ol style="list-style-type: none"> 1. Addition word problems - sums to 20 EN6 2. Subtraction word problems - up to 18 2FD 3. Addition and subtraction word problems - up to 20 75R

Lesson 3.9: Use Equations to Represent Problems

1. Addition sentences for word problems - sums to 20 VSF
 2. Subtraction sentences for word problems - up to 18 AZ8
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Lesson 3.10: Equal Groups**Lesson 3.11:** Repeated Addition

1. Identify repeated addition in arrays: sums to 10 F7E
 2. Write addition sentences for arrays: sums to 10 Z7N
 3. Identify repeated addition in arrays: sums to 25 EUS
 4. Write addition sentences for arrays: sums to 25 W8T
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Chapter 4

2-Digit Addition

Textbook section	IXL skills
Lesson 4.1: Break Apart Ones to Add	<ol style="list-style-type: none">1. Add a two-digit and a one-digit number - without regrouping EZ72. Add a two-digit and a one-digit number - with regrouping 8BT
Lesson 4.2: Use Compensation	<ol style="list-style-type: none">1. Add two-digit numbers without regrouping - sums to 100 TX52. Add two-digit numbers with regrouping - sums to 100 GLX
Lesson 4.3: Break Apart Addends as Tens and Ones	<ol style="list-style-type: none">1. Add two-digit numbers without regrouping - sums to 100 TX52. Add two-digit numbers with regrouping - sums to 100 GLX
Lesson 4.4: Model Regrouping for Addition	<ol style="list-style-type: none">1. Add a two-digit and a one-digit number - without regrouping EZ72. Add a two-digit and a one-digit number - with regrouping 8BT3. Add two-digit numbers without regrouping - sums to 100 TX54. Add two-digit numbers with regrouping - sums to 100 GLX
Lesson 4.5: Model and Record 2-Digit Addition	<ol style="list-style-type: none">1. Add a two-digit and a one-digit number - without regrouping EZ72. Add a two-digit and a one-digit number - with regrouping 8BT3. Add two-digit numbers without regrouping - sums to 100 TX54. Add two-digit numbers with regrouping - sums to 100 GLX
Lesson 4.6: 2-Digit Addition	<ol style="list-style-type: none">1. Add a two-digit and a one-digit number - without regrouping EZ72. Add a two-digit and a one-digit number - with regrouping 8BT

Lesson 4.7: Practice 2-Digit Addition

1. Add two-digit numbers without regrouping - sums to 100 TX5
2. Add two-digit numbers with regrouping - sums to 100 GLX
3. Ways to make a number using addition S5E
4. Complete the addition sentence - up to two digits CZK

Lesson 4.8: Rewrite 2-Digit Addition**Lesson 4.9:** Addition

1. Addition word problems - up to two digits XAT

Lesson 4.10: Write Equations to Represent Addition

1. Addition sentences for word problems - sums to 20 VSF
2. Write addition sentences to describe pictures XJ5
3. Write the addition sentence - up to two digits 5FM

Lesson 4.11: Find Sums for 3 Addends

1. Add three numbers up to two digits each YTH
2. Add three numbers up to two digits each: word problems 52T

Lesson 4.12: Find Sums for 4 Addends

1. Add four numbers up to two digits each DP6
2. Add four numbers up to two digits each: word problems YSX

Chapter 5

2-Digit Subtraction

Textbook section	IXL skills
Lesson 5.1: Break Apart Ones to Subtract	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number - without regrouping L8D2. Subtract a one-digit number from a two-digit number - with regrouping P85
Lesson 5.2: Break Apart Numbers to Subtract	<ol style="list-style-type: none">1. Subtract two two-digit numbers - without regrouping R8C2. Subtract two two-digit numbers - with regrouping TWE
Lesson 5.3: Model Regrouping for Subtraction	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number - without regrouping L8D2. Subtract a one-digit number from a two-digit number - with regrouping P853. Subtract two two-digit numbers - without regrouping R8C4. Subtract two two-digit numbers - with regrouping TWE
Lesson 5.4: Model and Record 2-Digit Subtraction	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number - without regrouping L8D2. Subtract a one-digit number from a two-digit number - with regrouping P853. Subtract two two-digit numbers - without regrouping R8C4. Subtract two two-digit numbers - with regrouping TWE
Lesson 5.5: 2-Digit Subtraction	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number - without regrouping L8D2. Subtract a one-digit number from a two-digit number - with regrouping P85
Lesson 5.6: Practice 2-Digit Subtraction	<ol style="list-style-type: none">1. Subtract two two-digit numbers - without regrouping R8C2. Subtract two two-digit numbers - with regrouping TWE

3. Ways to make a number using subtraction DTN
4. Complete the subtraction sentence - up to two digits YWC

Lesson 5.7: Rewrite 2-Digit Subtraction

Lesson 5.8: Add to Find Differences

Lesson 5.9: Subtraction

1. Subtraction word problems - up to 18 2FD
2. Subtraction word problems - up to two digits UFU

Lesson 5.10: Write Equations to Represent Subtraction

1. Write subtraction sentences to describe pictures - up to 18 F8W
2. Subtraction sentences for word problems - up to 18 AZ8
3. Write subtraction sentences to describe pictures - up to two digits UBF
4. Write the subtraction sentence - up to two digits ZQH

Lesson 5.11: Solve Multistep Problems

1. Add three numbers up to two digits each: word problems 52T

Chapter 6

3-Digit Addition and Subtraction

Textbook section	IXL skills
Lesson 6.1: Draw to Represent 3-Digit Addition	1. Addition with three-digit numbers ETW
Lesson 6.2: Break Apart 3-Digit Addends	1. Addition with three-digit numbers ETW
Lesson 6.3: 3-Digit Addition: Regroup Ones	
Lesson 6.4: 3-Digit Addition: Regroup Tens	
Lesson 6.5: Addition: Regroup Ones and Tens	1. Addition with three-digit numbers ETW 2. Complete the addition sentence - up to three digits R5W 3. Regroup tens and ones - ways to make a number JKT 4. Regroup tens and ones 5LV
Lesson 6.6: 3-Digit Subtraction	1. Subtraction word problems - up to three digits ZMA
Lesson 6.7: 3-Digit Subtraction: Regroup Tens	
Lesson 6.8: 3-Digit Subtraction: Regroup Hundreds	
Lesson 6.9: Subtraction: Regroup Hundreds and Tens	1. Subtract three-digit numbers ZVR
Lesson 6.10: Regrouping with Zeros	1. Subtract three-digit numbers ZVR 2. Complete the subtraction sentence - up to three digits MDY

Chapter 7

Money and Time

Textbook section	IXL skills
Lesson 7.1: Dimes, Nickels, and Pennies	1. Count money - pennies, nickels, and dimes only AVN
Lesson 7.2: Quarters	
Lesson 7.3: Count Collections	1. Count money - up to \$1 DGK
Lesson 7.4: Show Amounts in Two Ways	1. Equivalent amounts of money - up to \$1 MGA 2. Exchanging money - with pictures VZD 3. Comparing groups of coins FVT
Lesson 7.5: One Dollar	1. How much more to make a dollar? V9L
Lesson 7.6: Amounts Greater Than \$1	1. Count money - up to \$5 3R8
Lesson 7.7: Money	1. Add money - up to \$1: word problems ZWJ 2. Subtract money - up to \$1: word problems ME9 3. Add and subtract money - up to \$1: word problems N5Y 4. Purchases - do you have enough money - up to \$1 F62 5. Purchases - do you have enough money - up to \$5 W79 6. Making change LYP
Lesson 7.8: Time to the Hour and Half Hour	1. Read clocks and write times: hour and half hour AQW
Lesson 7.9: Time to 5 minutes	1. Match digital clocks and times 36N 2. Match analog clocks and times D9K 3. Match analog and digital clocks HKL 4. Read clocks and write times K7F
Lesson 7.10: Practice Telling Time	1. Time words: o'clock, half, quarter 5TA

Lesson 7.11: A.M. and P.M.

1. A.M. or P.M. EJV

Chapter 8

Length in Customary Units

Textbook section	IXL skills
Lesson 8.1: Measure with Inch Models	
Lesson 8.2: Make and Use a Ruler	
Lesson 8.3: Estimate Lengths in Inches	
Lesson 8.4: Measure with an Inch Ruler	1. Measure using an inch ruler 88A
Lesson 8.5: Add and Subtract in Inches	1. Customary units of length: word problems GSF
Lesson 8.6: Measure in Inches and Feet	
Lesson 8.7: Estimate Lengths in Feet	1. Which customary unit of length is appropriate: inches, feet, or yards? GKJ
Lesson 8.8: Choose a Tool	
Lesson 8.9: Display Measurement Data	1. Create line plots F2U

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	1. Measure using a centimeter ruler 7WA
Lesson 9.4: Add and Subtract Lengths	1. Metric units of length: word problems KJ5
Lesson 9.5: Centimeters and Meters	
Lesson 9.6: Estimate Lengths in Meters	1. Which metric unit of length is appropriate? SKH
Lesson 9.7: Measure and Compare Lengths	

Chapter 10

Data

Textbook section	IXL skills
Lesson 10.1: Collect Data	
Lesson 10.2: Read Picture Graphs	1. Interpret pictographs I QDT
Lesson 10.3: Make Picture Graphs	1. Create pictographs I NM5
Lesson 10.4: Read Bar Graphs	1. Interpret bar graphs I RPD 2. Interpret bar graphs II 8CH 3. Which bar graph is correct? BMG
Lesson 10.5: Make Bar Graphs	1. Create bar graphs 6KD
Lesson 10.6: Display Data	

Chapter 11

Geometry and Fraction Concepts

Textbook section	IXL skills
Lesson 11.1: Three-Dimensional Shapes	<ol style="list-style-type: none"> 1. Name the three-dimensional shape 9E9 2. Select three-dimensional shapes FAL 3. Shapes of everyday objects I 9VC 4. Shapes of everyday objects II 63Q
Lesson 11.2: Attributes of Three-Dimensional Shapes	<ol style="list-style-type: none"> 1. Count vertices, edges, and faces X72 2. Compare vertices, edges, and faces DPT 3. Identify faces of three-dimensional shapes QSR 4. Identify shapes traced from solids MRD
Lesson 11.3: Build three-Dimensional Shapes	
Lesson 11.4: Two-Dimensional Shapes	<ol style="list-style-type: none"> 1. Name the two-dimensional shape 2FK 2. Select two-dimensional shapes DWL 3. Count sides and vertices EAQ
Lesson 11.5: Angles in Two-Dimensional Shapes	
Lesson 11.6: Sort Two-Dimensional Shapes	<ol style="list-style-type: none"> 1. Compare sides and vertices G9N
Lesson 11.7: Partition Rectangles	<ol style="list-style-type: none"> 1. Area 73H 2. Create figures with a given area XQT
Lesson 11.8: Equal Parts	<ol style="list-style-type: none"> 1. Equal parts H5R
Lesson 11.9: Show Equal Parts of a Whole	
Lesson 11.10: Describe Equal Parts	
Lesson 11.11: Equal Shares	