



IXL Skill Alignment

3rd alignment for GO Math! 2015 Common Core Edition

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Chapter 1

Addition and Subtraction Within 1,000

Textbook section	IXL skills
1.1: Number Patterns	A.2 Even or odd: arithmetic rules >> <i>See also:</i> N.3 Properties of addition >>
1.2: Round to the Nearest Ten or Hundred	P.1 Rounding - nearest ten or hundred only >>
1.3: Estimate Sums	P.5 Estimate sums up to 1,000 >>
1.4: Mental Math Strategies for Addition	
1.5: Use Properties to Add	N.4 Solve using properties of addition >> <i>See also:</i> N.3 Properties of addition >>
1.6: Use the Break Apart Strategy to Add	
1.7: 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.6 Add three numbers up to three digits each >> C.7 Add three numbers up to three digits each: word problems >> P.5 Estimate sums up to 1,000 >>
1.8: Estimate Differences	P.8 Estimate differences up to 1,000 >>
1.9: Mental Math Strategies for Subtraction	
1.10: Use Place Value to Subtract	D.1 Subtract numbers up to three digits >> D.3 Subtract numbers up to three digits - word problems >>

D.4 Complete the subtraction sentence - up to three digits >>

See also:

D.9 Subtraction: fill in the missing digits >>

1.11: Combine Place Values to Subtract

D.1 Subtract numbers up to three digits >>

D.3 Subtract numbers up to three digits - word problems >>

1.12: Model Addition and Subtraction

Chapter 2

Represent and Interpret Data

Textbook section	IXL skills
2.1: Organize Data	U.4 Interpret tally charts and tables >>
2.2: Use Picture Graphs	U.11 Interpret pictographs >>
2.3: Make Picture Graphs	U.12 Create pictographs >>
2.4: Use Bar Graphs	U.5 Interpret bar graphs >> U.6 Use bar graphs to solve problems >>
2.5: Make Bar Graphs	U.7 Create bar graphs >>
2.6: Solve Problems Using Data	U.6 Use bar graphs to solve problems >>
2.7: Use and Make Line Plots	U.8 Interpret line plots >> U.9 Create line plots >>

Chapter 3

Understand Multiplication

Textbook section	IXL skills
3.1: Count Equal Groups	E.1 Count equal groups >>
3.2: Relate Addition and Multiplication	E.2 Identify multiplication expressions for 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 >>
3.3: Skip Count on a Number Line	E.8 Write multiplication sentences for number lines >>
3.4: Model Multiplication	
3.5: Model with Arrays	E.6 Write multiplication sentences for arrays >> E.7 Make arrays to model multiplication >> <i>See also:</i> E.5 Identify multiplication expressions for arrays >>
3.6: Commutative Property of Multiplication	
3.7: Multiply with 0 and 1	F.1 Multiply by 0 >> F.2 Multiply by 1 >>

Chapter 4

Multiplication Facts and Strategies

Textbook section	IXL skills
4.1: Multiply with 2 and 4	F.3 Multiply by 2 >> F.5 Multiply by 4 >>
4.2: Multiply with 5 and 10	F.6 Multiply by 5 >> F.11 Multiply by 10 >>
4.3: 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? >> 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 >>
4.4: Distributive Property	
4.5: Multiply with 7	F.8 Multiply by 7 >>
4.6: Associative Property of Multiplication	N.5 Properties of multiplication >>
4.7: Patterns on the Multiplication Table	
4.8: Multiply with 8	F.9 Multiply by 8 >>
4.9: Multiply with 9	F.10 Multiply by 9 >> <i>See also:</i> G.5 Multiplication tables for 6, 7, 8, and 9 >> G.8 Multiplication facts for 6, 7, 8, and 9: find the missing factor >> G.9 Multiplication tables up to 10 >> G.12 Multiplication facts up to 10: find the missing factor >>

4.10: Problem Solving - Multiplication**H.6** Multiplication word problems >>**H.7** Multiplication word problems: find the missing factor >>

Chapter 5

Use Multiplication Facts

Textbook section	IXL skills
5.1: Describe Patterns	H.4 Multiplication input/output tables >> H.5 Multiplication input/output tables: find the rule >>
5.2: Find Unknown Numbers	G.4 Multiplication facts for 2, 3, 4, 5, and 10: find the missing factor >> G.8 Multiplication facts for 6, 7, 8, and 9: find the missing factor >> G.12 Multiplication facts up to 10: find the missing factor >>
5.3: Problem Solving - Use the Distributive Property	
5.4: Multiplication Strategies with Multiples of 10	
5.5: Multiply 1-Digit Numbers by Multiples of 10	H.1 Multiply by a multiple of ten >>

Chapter 6

Understand Division

Textbook section	IXL skills
6.1: Problem Solving - Model Division	L.5 Division word problems >> <i>See also:</i> I.1 Divide by counting equal groups >>
6.2: Size of Equal Groups	I.1 Divide by counting equal groups >>
6.3: Number of Equal Groups	I.1 Divide by counting equal groups >> L.5 Division word problems >>
6.4: Model with Bar Models	
6.5: Relate Subtraction and Division	
6.6: Model with Arrays	I.4 Write division sentences for arrays >>
6.7: Relate Multiplication and Division	I.5 Relate multiplication and division for arrays >> N.10 Relate multiplication and division >>
6.8: Write Related Facts	I.5 Relate multiplication and division for arrays >> N.10 Relate multiplication and division >>
6.9: Division Rules for 1 and 0	J.1 Divide by 1 >>

Chapter 7

Division Facts and Strategies

Textbook section	IXL skills
7.1: Divide by 2	J.2 Divide by 2 >>
7.2: Divide by 10	J.10 Divide by 10 >>
7.3: Divide by 5	J.5 Divide by 5 >>
7.4: Divide by 3	J.3 Divide by 3 >>
7.5: Divide by 4	J.4 Divide by 4 >> <i>See also:</i> K.1 Division facts for 2, 3, 4, 5, and 10 >>
7.6: Divide by 6	J.6 Divide by 6 >>
7.7: Divide by 7	J.7 Divide by 7 >>
7.8: Divide by 8	J.8 Divide by 8 >>
7.9: Divide by 9	J.9 Divide by 9 >> <i>See also:</i> K.4 Division facts for 6, 7, 8, and 9 >> K.7 Division facts up to 10 >>
7.10: Problem Solving - Two-Step Problems	
7.11: Order of Operations	M.11 Perform multiple operations with whole numbers >>

Chapter 8

Understand Fractions

Textbook section	IXL skills
8.1: Equal Parts of a Whole	W.1 Identify equal parts >>
8.2: Equal Shares	
8.3: Unit Fractions of a Whole	W.7 Match unit fractions to models >> W.16 Unit fractions: modeling word problems >> W.17 Unit fractions: word problems >>
8.4: 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.18 Fractions of a whole: modeling word problems >> W.19 Fractions of a whole: word problems >>
8.5: Fractions on 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 >> <i>See also:</i> W.14 Graph fractions on number lines >>
8.6: Relate Fractions and Whole Numbers	X.7 Graph fractions equivalent to 1 on number lines >> X.8 Select fractions equivalent to whole numbers using area models >> <i>See also:</i> X.9 Find fractions equivalent to whole numbers >>
8.7: Fractions of a Group	

8.8: Find Part of a Group Using Unit Fractions

Z.1 Fractions of a number - unit fractions >>

Z.3 Fractions of a number - unit fractions:
word problems >>

8.9: Problem Solving - Find the Whole Group Using
Unit Fractions

Chapter 9

Compare Fractions

Textbook section	IXL skills
9.1: Problem Solving - Compare Fractions	
9.2: Compare Fractions with the Same Denominator	Y.3 Graph and compare fractions with like denominators on number lines >> <i>See also:</i> W.15 Graph smaller or larger fractions on a number line >>
9.3: Compare Fractions with the Same Numerators	Y.4 Graph and compare fractions with like numerators on number lines >>
9.4: Compare Fractions	Y.1 Compare fractions using models >> Y.6 Compare fractions >>
9.5: Compare and Order Fractions	Y.10 Order fractions with like denominators >> Y.11 Order fractions with like numerators >>
9.6: Model Equivalent Fractions	X.1 Find equivalent fractions using area models >> X.3 Find equivalent fractions using number lines >> <i>See also:</i> X.2 Identify equivalent fractions on number lines >>
9.7: Equivalent Fractions	X.1 Find equivalent fractions using area models >>

Chapter 10

Time, Length, Liquid Volume, and Mass

Textbook section	IXL skills
10.1: Time to the Minute	T.1 Match clocks and times >> T.3 Read clocks and write times >> <i>See also:</i> T.5 Write times >>
10.2: A.M. and P.M.	T.4 A.M. or P.M. >>
10.3: Measure Time Intervals	
10.4: Use Time Intervals	T.6 Elapsed time >>
10.5: Problem Solving - Time Intervals	
10.6: Measure Length	BB.3 Measure using an inch ruler >>
10.7: Estimate and Measure Liquid Volume	
10.8: Estimate and Measure Mass	BB.14 Which metric unit of weight is appropriate? >>
10.9: Solve Problems About Liquid Volume and Mass	

Chapter 11

Perimeter and Area

Textbook section	IXL skills
11.1: Model Perimeter	
11.2: Find Perimeter	FF.1 Perimeter of rectangles >> FF.2 Perimeter of rectilinear shapes >>
11.3: Algebra - Find Unknown Side Lengths	FF.4 Perimeter: find the missing side length >>
11.4: Understand Area	FF.6 Find the area of figures made of unit squares >> FF.7 Select figures with a given area >> FF.8 Select two figures with the same area >> FF.9 Create figures with a given area >>
11.5: Measure Area	FF.6 Find the area of figures made of unit squares >> FF.7 Select figures with a given area >>
11.6: Use Area Models	
11.7: Problem Solving - Area of Rectangles	
11.8: Area of Combined Rectangles	
11.9: Same Perimeter, Different Area	
11.10: Same Area, Different Perimeters	

Chapter 12

Two Dimensional Shapes

Textbook section	IXL skills
12.1: Describe Plane Shapes	CC.3 Open and closed shapes >> CC.5 Lines, line segments, and rays >>
12.2: Describe Angles in Plane Shapes	CC.6 Angles greater than, less than, or equal to a right angle >>
12.3: Identify Polygons	CC.2 Count and compare sides and vertices >> CC.3 Open and closed shapes >> CC.4 Is it a polygon? >> <i>See also:</i> CC.1 Identify two-dimensional shapes >>
12.4: Describe Sides of Polygons	CC.7 Parallel, perpendicular, and intersecting lines >>
12.5: Classify Quadrilaterals	DD.3 Parallel sides in quadrilaterals >> DD.5 Identify trapezoids >> DD.6 Identify rectangles >> DD.7 Identify rhombuses >> <i>See also:</i> DD.8 Classify quadrilaterals >>
12.6: Draw Quadrilaterals	
12.7: Describe Triangles	
12.8: Problem Solving - Classify Plane Shapes	
12.9: Relate Shapes, Fractions, and Area	