



# IXL Skill Alignment

1st grade alignment for GO MATH! COMMON CORE EDITION

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# Chapter 1

## Addition Concepts

Textbook section	IXL skills
<b>1.1:</b> Algebra – Use Pictures to Add To	<b>B.1</b> Addition with pictures – sums to 10 >>
<b>1.2:</b> Hands On – Model Adding To	<b>B.1</b> Addition with pictures – sums to 10 >> <b>B.2</b> Addition sentences – sums to 10 >>
<b>1.3:</b> Hands On – Model Putting Together	<b>B.4</b> Addition word problems – sums to 10 >>
<b>1.4:</b> Problem Solving – Model Addition	<b>B.4</b> Addition word problems – sums to 10 >> <b>B.16</b> Complete the addition sentence >>
<b>1.5:</b> Algebra – Add Zero	<b>B.8</b> Adding zero >>
<b>1.6:</b> Hands On – Algebra – Add in Any Order	
<b>1.7:</b> Hands On – Algebra – Put Together Numbers to 10	<b>B.7</b> Ways to make a number – addition sentences >> <i>See also:</i> <b>B.6</b> Ways to make a number using addition >>
<b>1.8:</b> Addition to 10	<b>B.12</b> Addition facts – sums to 10 >>

## Chapter 2

### Subtraction Concepts

Textbook section	IXL skills
<b>2.1:</b> Use Pictures to Show Taking From	<b>D.1</b> Subtraction with pictures – numbers up to 10 >>
<b>2.2:</b> Hands On – Model Taking From	<b>D.1</b> Subtraction with pictures – numbers up to 10 >> <b>D.2</b> Subtraction sentences – numbers up to 10 >>
<b>2.3:</b> Hands On – Model Taking Apart	<b>D.4</b> Subtraction word problems – one-digit numbers >>
<b>2.4:</b> Problem Solving – Model Subtraction	<b>D.4</b> Subtraction word problems – one-digit numbers >> <b>D.15</b> Complete the subtraction sentence >>
<b>2.5:</b> Use Pictures and Subtraction to Compare	
<b>2.6:</b> Hands On – Subtract to Compare	
<b>2.7:</b> Subtract All or Zero	<b>D.9</b> Subtracting zero and all >>
<b>2.8:</b> Hands On – Algebra – Take Apart Numbers	<b>D.8</b> Ways to subtract from a number – subtraction sentences >>  <i>See also:</i> <b>D.6</b> Ways to make a number using subtraction >> <b>D.7</b> Ways to make a number – subtraction sentences >>
<b>2.9:</b> Subtraction from 10 or Less	<b>D.11</b> Subtraction facts – numbers up to 10 >>

# Chapter 3

## Addition Strategies

Textbook section	IXL skills
<b>3.1:</b> Algebra – Add in Any Order	<b>B.19</b> Related addition facts >>
<b>3.2:</b> Count On	<b>B.12</b> Addition facts – sums to 10 >>
<b>3.3:</b> Hands On – Add Doubles	<b>B.9</b> Adding doubles using models >> <b>B.10</b> Adding doubles >>
<b>3.4:</b> Hands On – Use Doubles to Add	<b>B.9</b> Adding doubles using models >> <b>B.10</b> Adding doubles >> <b>B.20</b> Add using doubles plus 1 >>
<b>3.5:</b> Hands On – Doubles Plus 1 and Doubles Minus 1	<b>B.9</b> Adding doubles using models >> <b>B.10</b> Adding doubles >> <b>B.20</b> Add using doubles plus 1 >> <b>B.21</b> Add using doubles minus 1 >>
<b>3.6:</b> Practice the Strategies	<b>B.14</b> Addition facts – sums to 18 >> <b>B.20</b> Add using doubles plus 1 >> <b>B.21</b> Add using doubles minus 1 >>
<b>3.7:</b> Hands On – Add 10 and More	
<b>3.8:</b> Hands On – Make a 10 to Add	
<b>3.9:</b> Use Make a 10 to Add	
<b>3.10:</b> Hands On – Algebra – Add 3 Numbers	<b>B.17</b> Adding three numbers >>
<b>3.11:</b> Algebra – Add 3 Numbers	<b>B.17</b> Adding three numbers >> <b>B.18</b> Word problems – adding three numbers >>
<b>3.12:</b> Problem Solving – Use Addition Strategies	<b>B.18</b> Word problems – adding three numbers >>

# Chapter 4

## Subtraction Strategies

Textbook section	IXL skills
<b>4.1:</b> Count Back	
<b>4.2:</b> Hands On – Think Addition to Subtract	<b>B.14</b> Addition facts – sums to 18 >> <b>F.3</b> Fact families >>
<b>4.3:</b> Use Think Addition to Subtract	<b>D.13</b> Subtraction facts – numbers up to 18 >>
<b>4.4:</b> Hands On – Use 10 to Subtract	
<b>4.5:</b> Break Apart to Subtract	
<b>4.6:</b> Problem Solving – Use Subtraction Strategies	<b>D.14</b> Subtraction word problems – numbers up to 18 >> <b>D.15</b> Complete the subtraction sentence >>

# Chapter 5

## Addition and Subtraction Relationships

Textbook section	IXL skills
<b>5.1:</b> Problem Solving – Add or Subtract	
<b>5.2:</b> Hands On – Record Related Facts	<b>B.19</b> Related addition facts >> <b>D.16</b> Related subtraction facts >> <b>F.3</b> Fact families >>
<b>5.3:</b> Identify Related Facts	<b>B.19</b> Related addition facts >> <b>D.16</b> Related subtraction facts >> <b>F.3</b> Fact families >>
<b>5.4:</b> Use Addition to Check Subtraction	
<b>5.5:</b> Hands On – Algebra – Missing Numbers	<b>B.16</b> Complete the addition sentence >> <b>D.15</b> Complete the subtraction sentence >>
<b>5.6:</b> Algebra – Use Related Facts	<b>D.13</b> Subtraction facts – numbers up to 18 >>
<b>5.7:</b> Choose an Operation	<b>F.6</b> Addition and subtraction word problems >>
<b>5.8:</b> Hands On – Algebra – Ways to Make Numbers to 20	<b>B.6</b> Ways to make a number using addition >> <b>B.7</b> Ways to make a number – addition sentences >> <b>D.6</b> Ways to make a number using subtraction >> <b>D.7</b> Ways to make a number – subtraction sentences >>
<b>5.9:</b> Algebra – Equal and Not Equal	<b>B.23</b> Addition sentences: true or false? >> <b>D.17</b> Subtraction sentences: true or false? >> <b>F.7</b> Addition and subtraction sentences: true or false? >>
<b>5.10:</b> Basic Facts to 20	<b>B.22</b> Addition facts – sums to 20 >> <b>D.13</b> Subtraction facts – numbers up to 18 >>

# Chapter 6

## Count and Model Numbers

Textbook section	IXL skills
<b>6.1:</b> Count by Ones to 120	<b>A.13</b> Counting on the hundred chart >>
<b>6.2:</b> Count by Tens to 120	<b>A.13</b> Counting on the hundred chart >>
<b>6.3:</b> Understand Ten and Ones	<b>A.4</b> Counting tens and ones – up to 20 >> <b>I.1</b> Place value models up to 20 >> <b>I.2</b> Write numbers as tens and ones up to 20 >>
<b>6.4:</b> Hands On – Make Ten and Ones	<b>I.2</b> Write numbers as tens and ones up to 20 >>
<b>6.5:</b> Hands On – Tens	<b>I.4</b> Convert between tens and ones >>
<b>6.6:</b> Hands On – Tens and Ones to 50	
<b>6.7:</b> Hands On – Tens and Ones to 100	<b>I.3</b> Place value models up to 100 >>
<b>6.8:</b> Problem Solving – Show Numbers in Different Ways	<b>B.27</b> Regrouping tens and ones I >> <b>B.28</b> Regrouping tens and ones II >>
<b>6.9:</b> Hands On – Model, Read, and Write Numbers from 100 to 110	
<b>6.10:</b> Hands On – Model, Read, and Write Numbers from 110 to 120	

# Chapter 7

## Compare Numbers

Textbook section	IXL skills
<b>7.1:</b> Hands On – Algebra – Greater Than	
<b>7.2:</b> Hands On – Algebra – Less Than	
<b>7.3:</b> Hands On – Algebra – Use Symbols to Compare	<b>G.3</b> Comparing numbers up to 100 >>
<b>7.4:</b> Problem Solving – Compare Numbers	
<b>7.5:</b> Hands On – 10 Less, 10 More	<b>F.8</b> Ten more or less >>



# Chapter 8

## Two-Digit Addition and Subtraction

Textbook section	IXL skills
<b>8.1:</b> Add and Subtract within 20	<b>B.14</b> Addition facts – sums to 18 >> <b>D.13</b> Subtraction facts – numbers up to 18 >> <b>F.5</b> Addition and subtraction facts – numbers up to 18 >>
<b>8.2:</b> Hands On – Add Tens	<b>B.24</b> Add tens I >>
<b>8.3:</b> Hands On – Subtract Tens	<b>D.18</b> Subtract tens I >>
<b>8.4:</b> Use a Hundred Chart to Add	
<b>8.5:</b> Hands On – Use Models to Add	<b>B.25</b> Add tens II >> <b>B.26</b> Add a one-digit number to a two-digit number – without regrouping >>
<b>8.6:</b> Hands On – Make Ten to Add	<b>B.29</b> Add a one-digit number to a two-digit number – with regrouping >>
<b>8.7:</b> Hands On – Use Place Value to Add	<b>B.25</b> Add tens II >> <b>B.28</b> Regrouping tens and ones II >>
<b>8.8:</b> Problem Solving – Addition Word Problems	
<b>8.9:</b> Practice Addition and Subtraction	

# Chapter 9

## Measurement

Textbook section	IXL skills
<b>9.1:</b> Hands On – Order Length	<b>N.2</b> Compare objects: length and height >>
<b>9.2:</b> Indirect Measurement	
<b>9.3:</b> Hands On – Use Nonstandard Units to Measure Length	<b>N.3</b> Measure using objects >>
<b>9.4:</b> Hands On – Make a Nonstandard Measuring Tool	<b>N.3</b> Measure using objects >>
<b>9.5:</b> Problem Solving – Measure and Compare	
<b>9.6:</b> Time to the Hour	
<b>9.7:</b> Time to the Half Hour	
<b>9.8:</b> Tell Time to the Hour and Half Hour	<b>S.2</b> Reading clocks >> <b>S.3</b> Match clocks and times >> <b>S.5</b> Match analog and digital clocks >>
<b>9.9:</b> Practice Time to the Hour and Half Hour	

# Chapter 10

## Represent Data

Textbook section	IXL skills
<b>10.1:</b> Read Picture Graphs	
<b>10.2:</b> Hands On – Make Picture Graphs	
<b>10.3:</b> Read Bar Graphs	<b>M.3</b> Interpret bar graphs >>
<b>10.4:</b> Hands On – Make Bar Graphs	
<b>10.5:</b> Read Tally Charts	
<b>10.6:</b> Hands On – Make Tally Charts	
<b>10.7:</b> Problem Solving – Represent Data	<b>M.1</b> Record data with tally charts, picture graphs, tables >> <b>M.2</b> Interpret data in tally charts, picture graphs, tables >>

# Chapter 11

## Three-Dimensional Geometry

Textbook section	IXL skills
<b>11.1:</b> Hands On – Three-Dimensional Shapes	<b>K.2</b> Identify 3-dimensional figures >>
<b>11.2:</b> Hands On – Combine Three-Dimensional Shapes	
<b>11.3:</b> Hands On – Make New Three-Dimensional Shapes	
<b>11.4:</b> Problem Solving – Take Apart Three-Dimensional Shapes	
<b>11.5:</b> Hands On – Two-Dimensional Shapes on Three-Dimensional Shapes	

# Chapter 12

## Two-Dimensional Geometry

Textbook section	IXL skills
<b>12.1:</b> Sort Two-Dimensional Shapes	<b>K.5</b> <a href="#">Count sides and vertices &gt;&gt;</a>
<b>12.2:</b> Hands On – Describe Two-Dimensional Shapes	<b>K.1</b> <a href="#">Identify 2-dimensional shapes &gt;&gt;</a> <b>K.5</b> <a href="#">Count sides and vertices &gt;&gt;</a>
<b>12.3:</b> Hands On – Combine Two-Dimensional Shapes	
<b>12.4:</b> Combine More Shapes	
<b>12.5:</b> Problem Solving – Make New Two-Dimensional Shapes	
<b>12.6:</b> Hands On – Find Shapes in Shapes	
<b>12.7:</b> Take Apart Two-Dimensional Shapes	
<b>12.8:</b> Equal or Unequal Parts	<b>J.2</b> <a href="#">Equal parts &gt;&gt;</a>
<b>12.9:</b> Halves	
<b>12.10:</b> Fourths	