



# IXL Skill Alignment

1st grade alignment for Big Ideas Math Florida



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# Chapter 1

## Addition and Subtraction Situations

Textbook section	IXL skills
<b>Lesson 1.1:</b> Addition: Add To	<ol style="list-style-type: none"> <li>1. Addition word problems with pictures - sums up to 10 F6L</li> </ol>
<b>Lesson 1.2:</b> Solve Add To Problems	<p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>• Add with cubes - sums up to 10 E8D</li> </ul>
<b>Lesson 1.3:</b> Solve Put Together Problems	<ol style="list-style-type: none"> <li>1. Addition sentences up to 10: what does the model show? F9B</li> <li>2. Addition sentences up to 10: which model matches? E5U</li> <li>3. Addition word problems - sums up to 10 P6D</li> <li>4. Addition sentences for word problems - sums up to 10 ZE8</li> </ol>
<b>Lesson 1.4:</b> Solve Put Together Problems with Both Addends Unknown	<p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>• Make a number using addition - sums up to 10 VSE</li> </ul>
<b>Lesson 1.5:</b> Solve Take From Problems	<ol style="list-style-type: none"> <li>1. Subtract with cubes - up to 10 5JT</li> <li>2. Subtraction sentences up to 10: what does the model show? 2AY</li> <li>3. Subtraction word problems with pictures - up to 10 GA9</li> <li>4. Subtraction sentences up to 10: which model matches? MGG</li> <li>5. Subtract with pictures - up to 10 Y2Z</li> <li>6. Subtraction word problems - up to 10 7NL</li> <li>7. Subtraction sentences for word problems - up to 10 R2J</li> </ol>
<b>Lesson 1.6:</b> Solve Compare Problems: More	
<b>Lesson 1.7:</b> Solve Compare Problems: Fewer	<ol style="list-style-type: none"> <li>1. Comparing - review PRR</li> <li>2. Compare numbers up to 100: word problems C7Q</li> </ol>



**Lesson 1.8:** Solve Add To Problems with Change Unknown

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**Lesson 1.9:** Connect Put Together and Take Apart Problems

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# Chapter 2

## Fluency and Strategies within 10

Textbook section	IXL skills
<b>Lesson 2.1:</b> Add 0	1. Adding 0 UFN
<b>Lesson 2.2:</b> Subtract 0 and Subtract All	1. Subtract zero and all PEQ 2. Subtracting 0 8DN
<b>Lesson 2.3:</b> Add and Subtract 1	1. Adding 1 HRU 2. Subtracting 1 HAQ
<b>Lesson 2.4:</b> Add Doubles from 1 to 5	1. Add doubles - sums up to 10 ZNG
<b>Lesson 2.5:</b> Use Doubles	<i>Also consider</i> • Add using doubles plus one - sums up to 10 DDC
<b>Lesson 2.6:</b> Add in Any Order	1. Addition facts - sums up to 10 WUL
<b>Lesson 2.7:</b> Count On to Add	1. Addition sentences using number lines - sums up to 10 UWW
<b>Lesson 2.8:</b> Count Back to Subtract	1. Subtraction sentences using number lines - up to 10 LRN
<b>Lesson 2.9:</b> Use Addition to Subtract	1. Addition and subtraction facts - up to 10 V7A

# Chapter 3

## More Addition and Subtraction Situations

Textbook section	IXL skills
<b>Lesson 3.1:</b> Solve Add To Problems with Start Unknown	1. Complete the addition sentence - sums up to 10 N2N
<b>Lesson 3.2:</b> Solve Take From Problems with Change Unknown	1. Complete the subtraction sentence - up to 10 J6J
<b>Lesson 3.3:</b> Solve Take From Problems with Start Unknown	
<b>Lesson 3.4:</b> Compare Problems: Bigger Unknown	
<b>Lesson 3.5:</b> Compare Problems: Smaller Unknown	
<b>Lesson 3.6:</b> True or False Equations	
<b>Lesson 3.7:</b> Find Numbers That Make 10	1. Complete the addition sentence - make ten 5MN
<b>Lesson 3.8:</b> Fact Families	1. Fact families WD2

# Chapter 4

## Add Numbers within 20

Textbook section	IXL skills
<b>Lesson 4.1:</b> Add Doubles from 6 to 10	<ol style="list-style-type: none"> <li>1. Add doubles - complete the sentence TAZ</li> <li>2. Add doubles - with models HRW</li> <li>3. Add doubles DFT</li> </ol>
<b>Lesson 4.2:</b> Use Doubles within 20	<ol style="list-style-type: none"> <li>1. Add using doubles plus one XAY</li> <li>2. Add using doubles minus one FRN</li> </ol>
<b>Lesson 4.3:</b> Count On to Add within 20	<ol style="list-style-type: none"> <li>1. Addition sentences using number lines - sums up to 20 LXW</li> </ol>
<b>Lesson 4.4:</b> Add Three Numbers	<ol style="list-style-type: none"> <li>1. Add three numbers RL2</li> <li>2. Add three numbers - word problems Z7S</li> <li>3. Add three numbers - use doubles 2K8</li> </ol>
<b>Lesson 4.5:</b> Add Three Numbers by Making a 10	<ol style="list-style-type: none"> <li>1. Add three numbers - make ten 8B2</li> </ol>
<b>Lesson 4.6:</b> Add 9	<ol style="list-style-type: none"> <li>1. Adding 9 H8F</li> </ol>
<b>Lesson 4.7:</b> Make a 10 to Add	
<b>Lesson 4.8:</b> Problem Solving: Addition within 20	<ol style="list-style-type: none"> <li>1. Addition sentences for word problems - one-digit plus two-digit numbers 5LZ</li> <li>2. Addition sentences for word problems - sums up to 20 N5N</li> <li>3. Addition word problems - sums up to 20 KY5</li> </ol>

# Chapter 5

## Subtract Numbers Within 20

Textbook section	IXL skills
<b>Lesson 5.1:</b> Count Back to Subtract within 20	1. Subtraction sentences using number lines - up to 20 <small>MMS</small>
<b>Lesson 5.2:</b> Use Addition to Subtract within 20	1. Addition and subtraction facts - up to 20 <small>C78</small> 2. Relate addition and subtraction sentences <small>DM2</small>
<b>Lesson 5.3:</b> Subtract 9	1. Subtracting 9 <small>YYK</small>
<b>Lesson 5.4:</b> Get to 10 to Subtract	
<b>Lesson 5.5:</b> More True or False Equations	1. Addition sentences: true or false? <small>AMQ</small> 2. Subtraction sentences: true or false? <small>XRG</small>
<b>Lesson 5.6:</b> Make True Equations	1. Which sign makes the number sentence true? <small>7JY</small> 2. Addition and subtraction sentences: which is true? <small>QVL</small>
<b>Lesson 5.7:</b> Problem Solving: Subtraction within 20	1. Word problems involving addition and subtraction - up to 20 <small>VJR</small> 2. Subtraction word problems - up to 20 <small>9Q9</small> 3. Subtraction sentences for word problems - up to 20 <small>LJA</small>

# Chapter 6

## Count and Write Numbers to 120

Textbook section	IXL skills
<b>Lesson 6.1:</b> Count to 120 by Ones	<ol style="list-style-type: none"> <li>Counting forward - up to 120 VZR</li> <li>Counting on a number chart - up to 120 W2E</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>Counting forward - up to 100 A6F</li> <li>Counting backward - up to 100 KT2</li> </ul>
<b>Lesson 6.2:</b> Count to 120 by Tens	<ol style="list-style-type: none"> <li>Skip-counting by tens N89</li> <li>Number chart - up to 120 MPN</li> </ol>
<b>Lesson 6.3:</b> Compose Numbers 11 to 19	<p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>Counting tens and ones - up to 20 GU6</li> </ul>
<b>Lesson 6.4:</b> Tens	<ol style="list-style-type: none"> <li>Counting tens and ones - up to 99 EAN</li> </ol>
<b>Lesson 6.5:</b> Tens and Ones	<ol style="list-style-type: none"> <li>Use models to add a multiple of ten and a one-digit number FKG</li> </ol>
<b>Lesson 6.6:</b> Make Quick Sketches	<ol style="list-style-type: none"> <li>Place value models up to 20 YPB</li> </ol>
<b>Lesson 6.7:</b> Understand Place Value	<ol style="list-style-type: none"> <li>Write numbers as tens and ones up to 20 5HL</li> </ol>
<b>Lesson 6.8:</b> Write Numbers in Different Ways	<ol style="list-style-type: none"> <li>Regroup tens and ones - ways to make a number FCJ</li> </ol>
<b>Lesson 6.9:</b> Count and Write Numbers to 120	<ol style="list-style-type: none"> <li>Place value models up to 100 5CG</li> <li>Write numbers as tens and ones 7WF</li> </ol>



# Chapter 7

## Compare Two-Digit Numbers

Textbook section	IXL skills
<b>Lesson 7.1:</b> Compare Numbers 11 to 19	
<b>Lesson 7.2:</b> Compare Numbers	<ol style="list-style-type: none"><li>1. Compare numbers up to 10 using words 2PE</li><li>2. Compare numbers up to 100 using words BWC</li></ol>
<b>Lesson 7.3:</b> Compare Numbers Using Place Value	
<b>Lesson 7.4:</b> Compare Numbers Using Symbols	<ol style="list-style-type: none"><li>1. Compare numbers up to 10 using symbols GNP</li><li>2. Compare numbers up to 100 using symbols FU5</li></ol>
<b>Lesson 7.5:</b> Compare Numbers Using a Number Line	
<b>Lesson 7.6:</b> 1 More, 1 Less; 10 More, 10 Less	<ol style="list-style-type: none"><li>1. Ten more or less CLA</li><li>2. Hundred chart 64Q</li></ol>

# Chapter 8

## Add and Subtract Tens

Textbook section	IXL skills
<b>Lesson 8.1:</b> Mental Math: 10 more	
<b>Lesson 8.2:</b> Mental Math: 10 less	1. Ten more or less <small>CLA</small>
<b>Lesson 8.3:</b> Add Tens	1. Add two multiples of ten <small>EMK</small>
<b>Lesson 8.4:</b> Add Tens Using a Number Line	
<b>Lesson 8.5:</b> Subtract Tens	1. Subtract multiples of 10 <small>9DD</small> 2. Subtract a multiple of 10 <small>PYR</small> 3. Add and subtract tens <small>J6G</small>
<b>Lesson 8.6:</b> Subtract Tens Using a Number Line	
<b>Lesson 8.7:</b> Use Addition to Subtract Tens	
<b>Lesson 8.8:</b> Add Tens to a Number	1. Add a multiple of ten and a two-digit number <small>LNL</small>  <i>Also consider</i> <ul style="list-style-type: none"> <li>Use models to add a multiple of ten and a two-digit number <small>CSV</small></li> </ul>

# Chapter 9

## Add Two-Digit Numbers

Textbook section	IXL skills
<b>Lesson 9.1:</b> Add Tens and Ones	<ol style="list-style-type: none"><li>1. Use models to add a two-digit and a one-digit number - without regrouping MUX</li><li>2. Add a one-digit number to a two-digit number - without regrouping 5VX</li></ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"><li>• Regroup tens and ones EWN</li></ul>
<b>Lesson 9.2:</b> Add Tens and Ones Using a Number Line	
<b>Lesson 9.3:</b> Make a 10 to Add	<ol style="list-style-type: none"><li>1. Use models to add a two-digit and a one-digit number - with regrouping URQ</li><li>2. Add a one-digit number to a two-digit number - with regrouping BF6</li></ol>
<b>Lesson 9.4:</b> Add Two-Digit Numbers	<ol style="list-style-type: none"><li>1. Use models to add two-digit numbers - without regrouping GJJ</li><li>2. Use models to add two-digit numbers - with regrouping CDU</li></ol>
<b>Lesson 9.5:</b> Practice Addition Strategies	<ol style="list-style-type: none"><li>1. Add two-digit numbers with regrouping - sums to 100 QHX</li><li>2. Add two-digit numbers without regrouping - sums to 100 VZW</li></ol>
<b>Lesson 9.6:</b> Problem Solving: Addition	<ol style="list-style-type: none"><li>1. Addition word problems - one-digit plus two-digit numbers 88Q</li></ol>

# Chapter 10

## Measure and Compare Lengths

Textbook section	IXL skills
<b>Lesson 10.1:</b> Order Objects by Length	
<b>Lesson 10.2:</b> Compare Lengths Indirectly	1. Compare objects: length and height D7U
<b>Lesson 10.3:</b> Measure Lengths	1. Measure length with objects GWG
<b>Lesson 10.4:</b> Measure More Lengths	1. Measure length with cubes FBV
<b>Lesson 10.5:</b> Solve Compare Problems Involving Length	
<b>Lesson 10.6:</b> Measure Lengths in Inches	
<b>Lesson 10.7:</b> Use an Inch Ruler to Measure Lengths	1. Measure using an inch ruler ELW

# Chapter 11

## Represent and Interpret Data

Textbook section	IXL skills
<b>Lesson 11.1:</b> Sort and Organize Data	<ol style="list-style-type: none"><li>1. Which tally chart is correct? XRL</li><li>2. Interpret tally charts LBV</li></ol>
<b>Lesson 11.2:</b> Read and Interpret Picture Graphs	<ol style="list-style-type: none"><li>1. Interpret picture graphs GFA</li></ol>
<b>Lesson 11.3:</b> Read and Interpret Bar Graphs	<ol style="list-style-type: none"><li>1. Interpret bar graphs I 9US</li><li>2. Interpret bar graphs II SW5</li></ol>
<b>Lesson 11.4:</b> Represent Data	<ol style="list-style-type: none"><li>1. Which picture graph is correct? WZF</li><li>2. Which bar graph is correct? 83F</li></ol>
<b>Lesson 11.5:</b> Solve Problems Involving Data	

# Chapter 12

## Money and Time

Textbook section	IXL skills
<b>Lesson 12.1:</b> Understand Pennies, Nickels, and Dimes	1. Skip-count pennies, nickels, or dimes HX7
<b>Lesson 12.2:</b> Find Total Values of Coins	
<b>Lesson 12.3:</b> Understand Quarters	1. Names and values of common coins FT2 2. Count pennies, nickels, dimes, and quarters 8AK 3. Purchases: do you have enough money? S9S 4. Compare money amounts VJA
<b>Lesson 12.4:</b> Show One Dollar in Different Ways	1. How much more to make a dollar? V9L
<b>Lesson 12.5:</b> Tell Time to the Hour	
<b>Lesson 12.6:</b> Tell Time to the Half Hour	
<b>Lesson 12.7:</b> Tell Time to the Hour and Half Hour	1. Match analog clocks and times 5FJ 2. Read clocks and write times UJM
<b>Lesson 12.8:</b> Tell Time Using Analog and Digital Clocks	1. Match digital clocks and times KKM 2. Match analog and digital clocks 7N3

# Chapter 13

## Two- and Three-Dimensional Shapes

Textbook section	IXL skills
<b>Lesson 13.1:</b> Sort Two-Dimensional Shapes	1. Open and closed shapes DBN
<b>Lesson 13.2:</b> Describe Two-Dimensional Shapes	1. Square corners YSG 2. Rhombuses M7A 3. Name the two-dimensional shape MRF 4. Select two-dimensional shapes HV6 5. Count sides and corners VUQ 6. Compare sides and corners EML
<b>Lesson 13.3:</b> Combine Two-Dimensional Shapes	
<b>Lesson 13.4:</b> Create More Shapes	1. Compose two-dimensional shapes YEU
<b>Lesson 13.5:</b> Take Apart Two-Dimensional Shapes	
<b>Lesson 13.6:</b> Sort Three-Dimensional Shapes	
<b>Lesson 13.7:</b> Describe Three-Dimensional Shapes	1. Select three-dimensional shapes J8A 2. Name the three-dimensional shape 26D 3. Cubes and rectangular prisms 7HG 4. Count vertices, edges, and faces Z42 5. Compare vertices, edges, and faces 6W3
<b>Lesson 13.8:</b> Combine Three-Dimensional Shapes	
<b>Lesson 13.9:</b> Take Apart Three-Dimensional Shapes	

# Chapter 14

## Equal Shares

Textbook section	IXL skills
<b>Lesson 14.1:</b> Equal Shares	<ol style="list-style-type: none"><li>1. Equal parts - halves and fourths HVX</li><li>2. Equal parts - halves, thirds, and fourths FZT</li></ol>
<b>Lesson 14.2:</b> Partition Shapes into Halves	<ol style="list-style-type: none"><li>1. Identify halves UFC</li><li>2. Make halves GF9</li></ol>
<b>Lesson 14.3:</b> Partition Shapes into Fourths	<ol style="list-style-type: none"><li>1. Identify fourths TP9</li><li>2. Make fourths ALQ</li><li>3. Identify halves and fourths WVL</li><li>4. Make halves and fourths X5A</li><li>5. Make halves and fourths in different ways YJR</li></ol>