



# IXL Skill Alignment

1st grade alignment for Everyday Mathematics Fourth Edition



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

[www.ixl.com/math/skill-plans/everyday-mathematics-fourth-edition-1st-grade](https://www.ixl.com/math/skill-plans/everyday-mathematics-fourth-edition-1st-grade)

This document includes the IXL® skill alignments to McGraw-Hill's *Everyday Mathematics Fourth Edition* curriculum. IXL provides skill alignments as a service to teachers, students, and parents. The skill alignments are provided by IXL and are not affiliated with, sponsored by, reviewed, approved or endorsed by McGraw-Hill or any other third party. IXL® and IXL Learning® are registered trademarks of IXL Learning, Inc. All other intellectual property rights (e.g., unregistered and registered trademarks and copyrights) are the property of their respective owners.

Visit [IXL.com](https://www.ixl.com) for more information

IXL Learning © 2021

# Unit 1

## Counting

Textbook section	IXL skills
<b>1-1:</b> Introducing First Grade Everyday Mathematics	1. Counting review - up to 10 A6X
<b>1-2:</b> Investigating the Number Line	1. Number lines - up to 100 MVE 2. Counting by twos, fives, and tens UZU 3. Compare numbers up to 10 using words 2PE
<b>1-3:</b> Tools for Doing Mathematics	1. Counting review - up to 20 QRF 2. Count sides and corners VUQ 3. Name the two-dimensional shape MRF
<b>1-4:</b> Counting Strategies	1. Skip-counting by twos, fives, and tens W8G 2. Comparing - review PRR  <i>Also consider</i> <ul style="list-style-type: none"> <li>Estimate to the nearest ten 9G2</li> </ul>
<b>1-5:</b> 1 More, 1 Less	1. Number lines - up to 20 BWS
<b>1-6:</b> Comparing Numbers	1. Compare numbers up to 20 using words WMM 2. Put numbers in order - up to 20 CCX  <i>Also consider</i> <ul style="list-style-type: none"> <li>Comparing - review PRR</li> <li>Compare numbers up to 10 using symbols GNP</li> </ul>
<b>1-7:</b> Organizing Data in a Tally Chart	1. Tally marks - up to 20 AQR 2. Which tally chart is correct? XRL
<b>1-8:</b> More Organizing Data	1. Interpret tally charts LBV
<b>1-9:</b> Exploring Math Materials	1. Compose two-dimensional shapes using up to 4 smaller shapes DCS  <i>Also consider</i> <ul style="list-style-type: none"> <li>Place value models up to 20 YPB</li> </ul>



**1-10: Number Stories**

1. Addition word problems - sums up to 10 P6D
2. Subtraction word problems - up to 10 7NL

**1-11: Counting Large Numbers**

1. Counting on the hundred chart XUD

## Unit 2

### Introducing Addition

Textbook section	IXL skills
<b>2-1:</b> Introducing the Strategy Wall	1. Put together cubes - sums up to 10 DF6  <i>Also consider</i> <ul style="list-style-type: none"> <li>Related addition facts Y8Y</li> </ul>
<b>2-2:</b> Decomposing Numbers within 10	1. Count on ten frames - up to 10 PLC
<b>2-3:</b> More Decomposing Numbers within 10	1. Count to fill a ten frame 6CB
<b>2-4:</b> Exploring Subtraction, Pairs of Numbers that Add to 10, and Data	1. Take away cubes - from 10 8TD
<b>2-5:</b> 10 Apples	1. Decompose a number up to 10 XD9
<b>2-6:</b> More Counting On to Add	1. Count on ten frames: write the number 9L7  <i>Also consider</i> <ul style="list-style-type: none"> <li>Add with pictures - sums up to 10 H6S</li> </ul>
<b>2-7:</b> Labeling Counts	1. Count money - pennies only G6D
<b>2-8:</b> Change-to-More Number Stories	1. Addition word problems with pictures - sums up to 10 F6L
<b>2-9:</b> Change-to-Less Number Stories	1. Subtraction word problems with pictures - up to 10 GA9
<b>2-10:</b> Number Models	1. Addition sentences up to 10: what does the model show? F9B 2. Subtraction sentences up to 10: what does the model show? 2AY  <i>Also consider</i> <ul style="list-style-type: none"> <li>Add with cubes - sums up to 10 E8D</li> <li>Subtract with cubes - up to 10 5JT</li> </ul>



**2-11: Finding Unknowns**

1. Addition sentences for word problems - sums up to 10 ZE8
  2. Subtraction sentences for word problems - up to 10 R2J
-

# Unit 3

## Number Stories

Textbook section	IXL skills
<b>3-1:</b> Parts-and-Total Number Stories	1. Addition facts without zero - sums up to 10 RUF
<b>3-2:</b> Number Story Strategies	1. Addition and subtraction word problems - up to 10 DWE
<b>3-3:</b> Exploring Counting, Matching Pairs, and Ordering by Length	1. Counting - up to 100 SUW 2. Add doubles - with models HRW  <i>Also consider</i> <ul style="list-style-type: none"> <li>Counting tens and ones - up to 99 EAN</li> </ul>
<b>3-4:</b> Birds in a Tree	1. Addition word problems - sums up to 20 KY5 2. Subtraction word problems - up to 20 9Q9  <i>Also consider</i> <ul style="list-style-type: none"> <li>Addition and subtraction word problems with pictures - up to 10 CJ9</li> <li>Addition and subtraction sentences for word problems - up to 10 M6F</li> </ul>
<b>3-5:</b> Counting on the Number Line	1. Counting forward - up to 100 A6F 2. Counting backward - up to 100 KT2
<b>3-6:</b> Counting to Add and Subtract	1. Addition sentences using number lines - sums up to 20 LXW 2. Subtraction sentences using number lines - up to 20 MMS  <i>Also consider</i> <ul style="list-style-type: none"> <li>Addition sentences using number lines - sums up to 10 UWW</li> <li>Subtraction sentences using number lines - up to 10 LRN</li> </ul>

**3-7: More Counting to Add and Subtract**

1. Addition and subtraction sentences using number lines - up to 20 63A

*Also consider*

- Complete the addition sentence - sums up to 10 N2N
- Complete the subtraction sentence - up to 10 J6J

**3-8: Skip Counting to Add and Subtract**

1. Hundred chart 64Q

*Also consider*

- Skip-counting by fives KWU
- Skip-counting by tens N89

**3-9: Counting Application: Frames and Arrows**

1. Count forward and backward by twos, fives, and tens NWT

**3-10: Addition and Subtraction Application: Frames and Arrows**

1. Sequences - count up and down by 1, 2, 5, and 10 8PY

*Also consider*

- Skip-counting patterns - with tables ZUU

**3-11: Counting with Calculators**

1. Count forward and backward by twos, threes, fours, fives, and tens RRJ

# Unit 4

## Length and Addition Facts

Textbook section	IXL skills
<b>4-1:</b> Introducing Length Measurement	1. Compare objects: length and height D7U
<b>4-2:</b> Measuring Length	1. Measure lines with paper clips 8UR
<b>4-3:</b> More Length Measurement	1. Measure length with objects GWG
<b>4-4:</b> Measuring a Marker	1. Measure length with cubes FBV
<b>4-5:</b> Exploring Data, Shapes, and Base-10 Blocks	1. Tally charts 2AA
<b>4-6:</b> Representing Data with a Bar Graph	1. Which bar graph is correct? 83F 2. Interpret bar graphs I 9US 3. Interpret bar graphs II SW5
<b>4-7:</b> Introducing Doubles	1. Add doubles DFT
<b>4-8:</b> Combinations of 10	1. Count to fill a ten frame: write the number J7G 2. Addition facts - sums up to 10 WUL
<b>4-9:</b> More Combinations of 10	1. Complete the addition sentence - make ten 5MN  <i>Also consider</i> <ul style="list-style-type: none"> <li>Addition facts - sums up to 20 6TM</li> </ul>
<b>4-10:</b> Adding Three Numbers	1. Add three numbers - make ten 8B2 2. Add three numbers RL2 3. Add three numbers - use doubles 2K8
<b>4-11:</b> 10 More, 10 Less	1. Hundred chart - ten more or less QWW



# Unit 5

## Place Value and Comparisons

Textbook section	IXL skills
<b>5-1:</b> Introducing Place Value	<ol style="list-style-type: none"> <li>Place value models - up to 50 CWR</li> <li>Regroup tens and ones EWN</li> <li>Compare numbers up to 100 using words BWC</li> </ol>
<b>5-2:</b> Digits and Place Value	<ol style="list-style-type: none"> <li>Write numbers as tens and ones up to 20 5HL</li> </ol>
<b>5-3:</b> Place-Value Application: Pennies and Dimes	<ol style="list-style-type: none"> <li>Exchanging pennies and dimes WF7</li> <li>Convert between tens and ones - multiples of 10 VH7</li> </ol>
<b>5-4:</b> Greater Than, Less Than, and Equal To	<ol style="list-style-type: none"> <li>Addition sentences: which is true? XWH</li> <li>Compare numbers up to 30 using symbols TKM</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>Compare numbers up to 20 using symbols Z53</li> </ul>
<b>5-5:</b> The Equal Sign	<ol style="list-style-type: none"> <li>Addition sentences: true or false? AMQ</li> <li>Subtraction sentences: true or false? XRG</li> <li>Complete the addition sentence - sums up to 20 5BP</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>Which sign makes the number sentence true? 7JY</li> </ul>
<b>5-6:</b> Counting and Place-Value Application: Number Scrolls	<ol style="list-style-type: none"> <li>One or ten more/less KRV</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>Counting forward - up to 120 VZR</li> </ul>
<b>5-7:</b> Measuring a Path	<ol style="list-style-type: none"> <li>Map distances 2TP</li> </ol>
<b>5-8:</b> Exploring Base-10 Exchanges, Lengths, and Path Measurement	<ol style="list-style-type: none"> <li>Regroup tens and ones - ways to make a number FCJ</li> </ol>

*Also consider*

- Measure height with cubes BLM

**5-9: More Comparison Symbols**

1. Comparing with addition and subtraction - up to 20 XXM
2. Compare numbers up to 100 using symbols FU5

**5-10: Comparison Number Stories**

1. Subtraction facts - up to 10 EQK

*Also consider*

- Comparison word problems C7Q

**5-11: Two-Digit Addition and Subtraction**

1. Use models to add a two-digit and a one-digit number - without regrouping MUX
2. Use models to add a two-digit and a one-digit number - with regrouping 8RL
3. Subtract multiples of 10 9DD

**5-12: Adding Animal Weights**

1. Add a one-digit number to a two-digit number - without regrouping 5VX
2. Add a one-digit number to a two-digit number - with regrouping BF6

*Also consider*

- Use models to add a multiple of ten and a two-digit number CSV
- Use models to add two-digit numbers - without regrouping GJJ
- Use models to add two-digit numbers - with regrouping CDU

# Unit 6

## Addition Fact Strategies

Textbook section	IXL skills
<b>6-1:</b> Time and the Hour-Hand-Only Clock	1. Read clocks and write times: to the hour 63H  <i>Also consider</i> <ul style="list-style-type: none"> <li>Match analog clocks and times: to the hour S75</li> </ul>
<b>6-2:</b> More Two-Digit Number Stories	1. Addition and subtraction word problems 8H4 2. Add three numbers - word problems Z7S  <i>Also consider</i> <ul style="list-style-type: none"> <li>Addition sentences for word problems - sums up to 20 N5N</li> <li>Subtraction sentences for word problems - up to 20 LJA</li> </ul>
<b>6-3:</b> Exploring True and False, Doubles, and Shapes	1. Addition and subtraction sentences: which is true? QVL 2. Add doubles - complete the sentence TAZ 3. Select two-dimensional shapes HV6
<b>6-4:</b> Introducing Near Doubles	1. Add using doubles plus one XAY
<b>6-5:</b> Recording Near-Doubles Strategies	1. Add using doubles minus one FRN
<b>6-6:</b> Introducing Making 10	1. Make ten to add RNZ
<b>6-7:</b> Introducing <i>My Reference Book</i>	
<b>6-8:</b> Pencils for the Writing Club	1. Choose numbers with a particular sum or difference DZX
<b>6-9:</b> Understanding Equivalence	1. Addition and subtraction - ways to make a number up to 10 FAE  <i>Also consider</i> <ul style="list-style-type: none"> <li>Addition sentences up to 10: which model matches? E5U</li> </ul>

- Make a number using addition - sums up to 10 VSE
- Make a number using subtraction - up to 10 RSR

---

**6-10:** More Place Value

1. Place value models up to 120 YDR
2. Regroup tens and ones EWN
3. Regroup tens and ones - ways to make a number FCJ

---

**6-11:** Place Value Application: Pennies, Dimes, and Dollars

1. Exchanging pennies, dimes, and dollars VRG

# Unit 7

## Subtraction Fact Strategies and Attributes of Shapes

Textbook section	IXL skills
<b>7-1:</b> Fact Families	1. Relate addition and subtraction sentences DM2  <i>Also consider</i> <ul style="list-style-type: none"> <li>Related addition facts Y8Y</li> <li>Related subtraction facts XZB</li> </ul>
<b>7-2:</b> More Fact Families	1. Fact families WD2  <i>Also consider</i> <ul style="list-style-type: none"> <li>Make a number using addition - sums up to 20 UMX</li> <li>Make a number using subtraction - up to 20 JJS</li> </ul>
<b>7-3:</b> Relating Special Addition and Subtraction Facts	1. Subtract doubles LHZ  <i>Also consider</i> <ul style="list-style-type: none"> <li>Relate addition and subtraction sentences - up to 10 TBD</li> <li>Complete the addition sentence - make ten 5MN</li> </ul>
<b>7-4:</b> More Subtraction Fact Strategies	1. Subtraction facts - up to 20 PV5 2. Complete the subtraction sentence - up to 20 ZSR
<b>7-5:</b> Attributes of Shapes	1. Count shapes in a Venn diagram PNU 2. Select two-dimensional shapes II 6KS  <i>Also consider</i> <ul style="list-style-type: none"> <li>Equal sides QT9</li> </ul>
<b>7-6:</b> Exploring Attributes, Fractions, and <i>Salute!</i>	1. Sort shapes into a Venn diagram C8D 2. Equal parts - halves and fourths HVX 3. Addition and subtraction word problems - up to 20 VJR

**7-7: Defining and Nondefining Attributes**

1. Open and closed shapes DBN
2. Count sides and corners VUQ
3. Square corners YSG
4. Identify squares and other rectangles R8E

**7-8: Finding Unknowns: "What's My Rule?"**

1. Input/output tables with addition and subtraction - complete the table MDV

**7-9: Desks and Chairs**

1. Input/output tables with addition and subtraction - write the rule D7S

**7-10: Addition Facts: "What's My Rule?"**

1. Input/output tables with addition and subtraction - find the rule and complete the table UXM

**7-11: Digital Clocks**

1. Match analog and digital clocks: to the hour 7B8

# Unit 8

## Geometry

Textbook section	IXL skills
<b>8-1:</b> Building Shapes with Defining Attributes	1. Is it a polygon? EDJ  <i>Also consider</i> • Compare sides and corners EML
<b>8-2:</b> Halves	1. Identify halves UFC 2. Make halves GF9
<b>8-3:</b> Fourths	1. Identify fourths TP9 2. Make fourths ALQ
<b>8-4:</b> Sharing Paper Squares	1. Identify halves and fourths WVL 2. Make halves and fourths X5A
<b>8-5:</b> Counting 2-Dimensional Shapes	1. Compose two-dimensional shapes YEU
<b>8-6:</b> 3-Dimensional Shapes	1. Name the three-dimensional shape 26D 2. Select three-dimensional shapes J8A 3. Shapes of everyday objects I ZCN 4. Identify faces of three-dimensional shapes RPX  <i>Also consider</i> • Two-dimensional and three-dimensional shapes 2NN
<b>8-7:</b> Exploring Composition of Shapes and Addition Facts	1. Make ten to add RNZ 2. Add using doubles plus or minus one A8B
<b>8-8:</b> Time to the Half Hour	1. Match digital clocks and times KKM 2. Match analog clocks and times 5FJ 3. Match analog and digital clocks 7N3 4. Read clocks and write times UJM  <i>Also consider</i> • Times of everyday events BXM

**8-9: Review: Data**

1. Create bar graphs TWG
2. Interpret bar graphs I 9US
3. Interpret bar graphs II SW5

*Also consider*

- Which bar graph is correct? 83F
- 

**8-10: Number-Grid Puzzles**

1. Hundred chart - fill in the missing numbers LB7

*Also consider*

- Add a multiple of ten and a two-digit number LNL
  - Subtract a multiple of 10 PYR
- 

**8-11: Mentally Finding 10 More and 10 Less**

1. Ten more or less CLA

*Also consider*

- Add and subtract tens J6G
-



# Unit 9

## Two-Digit Addition and Subtraction and Review

Textbook section	IXL skills
<b>9-1:</b> Review: Measurement	<ol style="list-style-type: none"> <li>1. Measure length with objects GWG</li> <li>2. Measure length with cubes FBV</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>• Measure using an inch ruler ELW</li> <li>• Measure using a centimeter ruler E7J</li> </ul>
<b>9-2:</b> Two-Digit Number Stories	<ol style="list-style-type: none"> <li>1. Addition word problems - one-digit plus two-digit numbers 88Q</li> <li>2. Add two multiples of ten EMK</li> <li>3. Subtract multiples of 10 9DD</li> </ol>
<b>9-3:</b> Shopping at the School Store	<ol style="list-style-type: none"> <li>1. Add two-digit numbers without regrouping - sums to 100 VZW</li> </ol> <p><i>Also consider</i></p> <ul style="list-style-type: none"> <li>• Money - word problems KJD</li> <li>• Add three numbers up to two digits each - word problems FKK</li> </ul>
<b>9-4:</b> Exploring Broken Calculators, Fractions, and Facts	<ol style="list-style-type: none"> <li>1. Addition and subtraction - ways to make a number Q8E</li> <li>2. Addition and subtraction facts - up to 20 C78</li> </ol>
<b>9-5:</b> Vending Machine Addition and Subtraction	<ol style="list-style-type: none"> <li>1. Addition and subtraction word problems - up to 40 36T</li> <li>2. Add and subtract money - up to \$1: word problems 46B</li> <li>3. Purchases: do you have enough money? S9S</li> </ol>
<b>9-6:</b> Two-Digit Comparison Number Stories	<ol style="list-style-type: none"> <li>1. Addition and subtraction word problems without regrouping - up to 100 BXP</li> <li>2. Addition word problems - up to two digits T9S</li> </ol>

*Also consider*

- Subtract two two-digit numbers - without regrouping CXJ
- Add a multiple of ten and a two-digit number LNL
- Subtract a multiple of 10 PYR

**9-7:** Efficient Strategies for 2-Digit Addition and Subtraction

1. Addition sentences for word problems - one-digit plus two-digit numbers 5LZ
2. Subtraction sentences for word problems - up to two digits XFS

**9-8:** Review: Relations and Equivalence

1. Comparing with addition 99H

**9-9:** Review: Place Value

1. Place value models up to 100 5CG
2. Hundred chart - fill in the missing numbers II VLT
3. Add two-digit numbers with regrouping - sums to 100 QHX

*Also consider*

- Regroup tens and ones EWN
- Write numbers as tens and ones up to 20 5HL

**9-10:** Review: 3-Dimensional Shapes

1. Name the three-dimensional shape 26D
2. Select three-dimensional shapes J8A
3. Shapes of everyday objects II LFC

*Also consider*

- Identify shapes traced from solids NXF

**9-11:** Review: Equal Shares

1. Identify halves and fourths WVL
2. Make halves and fourths in different ways YJR