



IXL Skill Alignment

1st grade alignment for Go Math! (2023)



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Chapter 1

Counting and Number Sense

Textbook section	IXL skills
Lesson 1: Count Forward by Ones to 120	- Count on a number chart - up to 120 W2E - Count up to find the next number - up to 120 VZR - Sequences up to 120 - count up by 1 QMP <i>Also consider</i> - Count forward - up to 100 A6F
Lesson 2: Count Backward by Ones Within 120	- Count down to find the next number - up to 120 DC5 - Sequences - count down by 1 CMZ
Lesson 3: Skip Count by Twos	- Skip-count by twos L67 <i>Also consider</i> - Count by twos - up to 20 H94
Lesson 4: Skip Count by Fives	Skip-count by fives KWU
Lesson 5: Skip Count by Tens	- Skip-count by tens - up to 120 FVW <i>Also consider</i> - Count by twos, fives, and tens UZU - Skip-count by twos, fives, and tens W8G - Skip-counting patterns - with tables ZUU
Lesson 6: 10 More, 10 Less	- Ten more or less CLA - Add and subtract ten ASN <i>Also consider</i> - Hundred chart - ten more or less QWW - Number chart up to 120 - ten more or less 36A - Ten more or less - up to 120 SW7

Chapter 2

Count by Tens and Ones

Textbook section	IXL skills
Lesson 1: Understand Ten and Ones	1. Build and break apart teen numbers GU6 2. Count on ten frames - 11 to 20 ESV <i>Also consider</i> Show numbers on ten frames - 11 to 20 UJ6
Lesson 2: Make Ten and Ones	1. Place value models up to 20 YPB 2. Make and take apart teen numbers: tens and ones 5HL
Lesson 3: Tens	1. Build and break apart multiples of ten VH7 <i>Also consider</i> Convert number names to tens - multiples of ten ZYN
Lesson 4: Tens and Ones to 50	1. Place value models - up to 50 CWR 2. Write numbers as tens and ones - up to 50 U9F
Lesson 5: Tens and Ones to 100	1. Place value models for two-digit numbers 5CG 2. Build and break apart two-digit numbers - without models 7WF
Lesson 6: Show Numbers in Different Ways	1. Regroup tens and ones - ways to make a number FCJ
Lesson 7: Model, Read, and Write Numbers from 100 to 110	1. Place value models with tens and ones - 100 to 110 QAY
Lesson 8: Model, Read, and Write Numbers from 110 to 120	1. Place value models with tens and ones - 110 to 120 6TL <i>Also consider</i> Place value models with tens and ones - 100 to 120 FDZ

Lesson 9: Expanded Form

1. Convert from standard form to expanded form HFV
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Chapter 3

Compare Numbers

Textbook section	IXL skills
Lesson 1: Greater Than	1. Use place value to find the number that is greater - up to 100 RT8
Lesson 2: Less Than	1. Use place value to find the number that is less - up to 100 QKQ 2. Compare numbers up to 100 using words BWC
Lesson 3: Use Symbols to Compare	1. Compare numbers up to 100 using symbols FU5 <i>Also consider</i> Compare numbers up to 100 using symbols - with models Z2B
Lesson 4: Greater Than or Less Than	1. Compare numbers up to 100: word problems C7Q
Lesson 5: Order Numbers on an Open Number Line	1. Put numbers in order - up to 100 PB7

Chapter 4

Addition Concepts

Textbook section	IXL skills
Lesson 1: Use Pictures to Add To	1. Add with pictures - sums up to 10 H6S 2. Addition word problems with pictures - sums up to 10 F6L
Lesson 2: Model Adding To	1. Build cube trains to solve "add to" word problems - sums up to 10 NDJ 2. "Add to" word problems with result unknown - sums up to 10 Q9T <i>Also consider</i> • Addition sentences up to 10: which model matches? E5U • Add with cubes - sums up to 10 E8D • Turn words into an addition sentence - sums up to 10 5YU • Addition sentences up to 10: what does the model show? F9B
Lesson 3: Model Putting Together	1. Build cube trains to solve "put together" word problems - sums up to 10 SXP 2. "Put together" word problems with total unknown - sums up to 10 55J
Lesson 4: Model Addition	1. Complete the addition sentence - sums up to 10 N2N 2. Addition word problems - sums up to 10 P6D
Lesson 5: Add Zero	1. Adding 0 UFN
Lesson 6: Add to 10 in Any Order	1. Add in any order 2FF 2. Related addition facts - sums up to 10 R8A
Lesson 7: Put Together Numbers to 10	1. Decompose a number up to 10 XD9 2. Ways to make a number - addition sentences up to 10 K48

3. Word problems with both addends unknown - up to 10 PL6

Also consider

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

Lesson 8: Compose to 10

1. Addition sentences for word problems - sums up to 10 ZE8
 2. Addition facts - sums up to 10 WUL
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Chapter 5

Subtraction Concepts

Textbook section	IXL skills
Lesson 1: Use Pictures to Show Taking From	1. Subtract with pictures - up to 10 Y2Z 2. Subtraction word problems with pictures - up to 10 GA9 <i>Also consider</i> • Addition and subtraction word problems with pictures - up to 10 CJ9
Lesson 2: Model Taking From	1. Subtraction sentences up to 10: which model matches? MGG 2. "Take from" word problems with result unknown - up to 10 DT8 <i>Also consider</i> • Subtract with cubes - up to 10 5JT • Turn words into a subtraction sentence - up to 10 ZJA • Subtraction sentences up to 10: what does the model show? 2AY
Lesson 3: Model Taking Apart	1. Subtraction sentences up to 10: what does the cube train show? PDC 2. Word problems with one addend unknown - up to 10 VU2
Lesson 4: Model Subtraction	1. Complete the subtraction sentence - up to 10 J6J 2. Subtraction word problems - up to 10 7NL
Lesson 5: Use Pictures and Subtraction to Compare	1. Comparing: how many more or fewer? Y9D <i>Also consider</i> • Comparing: how many more? RZW • Comparing: how many fewer? YRJ
Lesson 6: Subtract to Compare	1. Comparison word problems up to 10: how many more or fewer? VWF

Lesson 7: Subtract All or Zero

1. Subtract zero and all PEQ
2. Subtracting 0 8DN

Lesson 8: Take Apart Numbers

1. Ways to subtract from a number - subtraction sentences up to 10 ZZD

Also consider

- Make a number using subtraction - up to 10 RSR
- Ways to make a number - subtraction sentences up to 10 BTD

Lesson 9: Subtract from 10 or Less

1. Subtraction sentences for word problems - up to 10 R2J
2. Subtraction facts - up to 10 EQK

Also consider

- Addition and subtraction facts - up to 10 V7A

Chapter 6

Addition Strategies

Textbook section	IXL skills
Lesson 1: Count On	1. Add by counting on - sums up to 10 CTN 2. Count on to solve addition word problems - sums up to 10 LQA
Lesson 2: Add Doubles	1. Add doubles - with models HRW 2. Add doubles DFT <i>Also consider</i> Add doubles - complete the sentence TAZ
Lesson 3: Use Doubles to Add	1. Add using doubles plus one XAY
Lesson 4: Doubles Plus 1 and Doubles Minus 1	1. Add using doubles minus one FRN 2. Add near doubles A8B
Lesson 5: Practice the Strategies	1. Addition facts - sums up to 20 6TM
Lesson 6: Add 10 and More	1. Make teen numbers: addition sentences CMH <i>Also consider</i> Make and take apart teen numbers: addition sentences WE2
Lesson 7: Make a 10 to Add	1. Use ten frames to add WL5 <i>Also consider</i> - Count to fill a ten frame 6CB - Complete the addition sentence to make ten - with models MTE - Complete the addition sentence to make ten 5MN
Lesson 8: Use Make a 10 to Add	1. Make ten to add RNZ

Lesson 9: Real-World Addition Problems

1. Addition word problems - sums up to 20 KY5
 2. Model and write addition sentences for word problems - sums up to 10 GJU
 3. Addition sentences for word problems - sums up to 20 N5N
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Chapter 7

Subtraction Strategies

Textbook section	IXL skills
Lesson 1: Count Back	1. Subtract by counting back - up to 10 FJC 2. Count back to solve subtraction word problems - up to 10 JTG <i>Also consider</i> • Subtraction sentences using number lines - up to 10 LRN
Lesson 2: Think Addition to Subtract	1. Use addition to subtract - up to 10 TBD
Lesson 3: Use Think Addition to Subtract	<i>Also consider</i> • Fact families - up to 10 WD2
Lesson 4: Use 10 to Subtract	1. Count on and use ten to subtract - up to 20 YUY 2. Subtract by counting on - up to 20 TM2
Lesson 5: Break Apart to Subtract	1. Use ten frames to subtract QRP 2. Use ten to subtract CLE 3. Subtraction facts - up to 20 PV5
Lesson 6: Use Subtraction Strategies	1. Subtraction word problems - up to 20 9Q9 <i>Also consider</i> • Subtraction sentences for word problems - up to 20 LJA
Lesson 7: Real-World Subtraction Problems	1. "Take from" word problems with result unknown - up to 20 SGS 2. Subtraction sentences for word problems - up to 20 LJA 3. Model and write subtraction sentences for word problems - up to 10 2ZE

Chapter 8

More Addition Strategies

Textbook section	IXL skills
Lesson 1: Add to 20 in Any Order	1. Related addition facts Y8Y
Lesson 2: Use Properties to Add 3 Numbers	1. Add three numbers RL2
Lesson 3: Practice Adding 3 Numbers	1. Add three numbers - use doubles 2K8 2. Add three numbers - make ten 8B2
Lesson 4: Use Addition Strategies	1. Add three numbers - word problems Z7S

Chapter 9

Addition and Subtraction Relationships

Textbook section	IXL skills
Lesson 1: Record Related Facts	1. Fact families - up to 10 WD2
Lesson 2: Identify Related Facts	1. Relate addition and subtraction sentences - up to 20 DM2 2. Use addition to subtract - up to 20 YWW
Lesson 3: Use Addition to Check Subtraction	
Lesson 4: Unknown Numbers	1. Complete the addition sentence - sums up to 20 5BP 2. Complete the subtraction sentence - up to 20 ZSR 3. Addition and subtraction within 20 MYP
Lesson 5: Use Related Facts	1. Subtract within 20 EEN
Lesson 6: Choose an Operation	1. Match word problems to addition and subtraction sentences - up to 20 9LJ
Lesson 7: Ways to Make Numbers to 20	1. Addition and subtraction - ways to make a number up to 20 VA8
Lesson 8: Equal and Not Equal	1. Addition and subtraction sentences: true or false? DCV 2. Addition and subtraction sentences to 20: which is true? QVL 3. Balance addition and subtraction equations - up to 20 VKU <i>Also consider</i> Which sign makes the number sentence true? 7JY
Lesson 9: Facts Practice to 20	1. Addition and subtraction facts - up to 20 C78 2. Complete the addition or subtraction sentence - up to 20 YKL

Chapter 10

Two-Digit Addition and Subtraction

Textbook section	IXL skills
Lesson 1: Add and Subtract Within 20	1. Addition and subtraction within 20 MYP 2. Make a number using addition - sums up to 20 UMX 3. Make a number using subtraction - up to 20 JJS 4. Sort addition and subtraction facts - up to 10 NVZ
Lesson 2: Add Tens	1. Add multiples of ten EMK
Lesson 3: Subtract Tens	1. Subtract multiples of ten 9DD
Lesson 4: Use a Hundred Chart to Add	1. Use a hundred chart to add tens or ones - without regrouping LTG <i>Also consider</i> • Add a two-digit and a one-digit number - without regrouping 5VX • Add a multiple of ten and a two-digit number LNL
Lesson 5: Use Models to Add	1. Use models to add a two-digit and a one-digit number - without regrouping MUX 2. Use models to add a multiple of ten and a two-digit number CSV
Lesson 6: Add 2-Digit and 1-Digit Numbers	1. Use models to add a two-digit and a one-digit number - with regrouping 8RL 2. Break apart a one-digit number to add 57V <i>Also consider</i> • Add a two-digit and a one-digit number - with regrouping BF6
Lesson 7: Use Place Value to Add	1. Use models to add two-digit numbers - with regrouping CDU 2. Use place value to add two-digit numbers - with regrouping 9EZ

3. Add two-digit numbers with regrouping - sums to 100 QHX

Also consider

- Regroup tens and ones EWN
- Break apart a two-digit number to add - sums up to 100 88U
- Use models to add two-digit numbers - without regrouping GJJ
- Use place value to add two-digit numbers - without regrouping QPL
- Add two-digit numbers without regrouping - sums to 100 VZW

Lesson 8: Addition Word Problems

1. Addition word problems - up to two-digit numbers T9S

Also consider

- Add three numbers up to two digits each - word problems FKK

Lesson 9: Related Addition and Subtraction

1. Add or subtract a multiple of ten R9B
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Chapter 11

Money

Textbook section	IXL skills
Lesson 1: Pennies, Nickels, and Dimes	1. Names and values of pennies, nickels, and dimes 6PY 2. Count groups of like coins: pennies, nickels, or dimes HX7
Lesson 2: Count Collections of Coins	1. Count pennies, nickels, and dimes UED
Lesson 3: Quarters	1. Names and values of common coins FT2 2. Count pennies, nickels, dimes, and quarters 8AK Also consider Skip-count quarters XFP



Chapter 12

Three-Dimensional Solids

Textbook section	IXL skills
Lesson 1: Three-Dimensional Shapes	1. Name the three-dimensional shape 26D 2. Three-dimensional shapes in the real world I ZCN 3. Three-dimensional shapes in the real world II LFC <i>Also consider</i> - Select three-dimensional shapes J8A - Cubes and rectangular prisms 7HG
Lesson 2: Compose Three-Dimensional Shapes	
Lesson 3: Make New Three-Dimensional Shapes	
Lesson 4: Take Apart Three-Dimensional Shapes	1. Three-dimensional shapes in real-world objects XSG
Lesson 5: Two-Dimensional on Three-Dimensional Shapes	1. Identify shapes traced from solids NXF 2. Identify faces of three-dimensional shapes RPX

Chapter 13

Two-Dimensional Shapes

Textbook section	IXL skills
Lesson 1: Classify and Sort Two-Dimensional Shapes	- Sort two-dimensional shapes GKN - Identify circles, triangles, squares, and rectangles QZB - Select circles, triangles, squares, and rectangles RTD <i>Also consider</i> - Classify shapes based on their sides 52K - Open and closed shapes DBN
Lesson 2: Attributes of Two-Dimensional Shapes	- Put together three-dimensional shapes PCH - Count sides and vertices 53E - Compare shapes using attributes PSZ <i>Also consider</i> - Name the two-dimensional shape MRF - Select two-dimensional shapes HV6 - Count sides and corners VUQ - Compare sides and corners EML
Lesson 3: Create Two-Dimensional Shapes	Compose bigger three-dimensional shapes 96K
Lesson 4: Compose More Shapes	
Lesson 5: Create New Two-Dimensional Shapes	

Chapter 14

Fraction Concepts

Textbook section	IXL skills
Lesson 1: Equal and Unequal Parts	1. Equal parts - 2 and 4 equal parts HVX
Lesson 2: Halves	1. Identify halves UFC 2. Make halves GF9
Lesson 3: Fourths	1. Identify fourths TP9 2. Make fourths ALQ <i>Also consider</i> • Identify halves and fourths WVL • Make halves and fourths X5A • Make halves and fourths in different ways YJR

Chapter 15

Measurement

Textbook section	IXL skills
Lesson 1: Estimate Lengths Using Inches	1. Build cube trains to measure length FBV
Lesson 2: Measure to the Nearest Inch	1. Measure using an inch ruler ELW
Lesson 3: Estimate Lengths Using Centimeters	1. Indirect comparison 49N 2. Long and short EQC
Lesson 4: Measure to the Nearest Centimeter	1. Measure using a centimeter ruler E7J
Lesson 5: Order Length	1. Order objects: length and height 46K <i>Also consider</i> Compare objects: length and height D7U



Chapter 16

Time

Textbook section	IXL skills
Lesson 1: Time to the Hour	1. Match analog clocks and times with words: to the hour LBR 2. Match analog clocks and times: to the hour S75 3. Read clocks and write times: to the hour 63H <i>Also consider</i> Match analog and digital clocks: to the hour 7B8
Lesson 2: Time to the Half Hour	1. Match analog clocks and times with words: to the half hour TRE 2. Match analog clocks and times: to the half hour only TNH 3. Read clocks and write times: to the half hour only 24D
Lesson 3: Time to the Hour and Half Hour	1. Match analog clocks and times: to the half hour 5FJ 2. Read clocks and write times UJM
Lesson 4: Practice Time to the Hour and Half Hour	1. Match analog and digital clocks: to the half hour 7N3

Chapter 17

Graphing

Textbook section	IXL skills
Lesson 1: Read Picture Graphs	1. Interpret picture graphs GFA <i>Also consider</i> • Which picture graph is correct? WZF
Lesson 2: Make Picture Graphs	1. Create picture graphs 8F5
Lesson 3: Tally Marks	1. Interpret tally charts LBV
Lesson 4: Make Tally Charts	1. Which tally chart is correct? XRL