



IXL Skill Alignment

1st grade alignment for Sadlier Math



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Chapter 1

Addition Facts and Strategies Within 10

Textbook section	IXL skills
Lesson 1-1: Sums Through 5	1. Add with pictures - sums up to 5 SH6
Lesson 1-2: Sums Through 6	1. Addition word problems with pictures - sums up to 6 QXN
Lesson 1-3: Sums of 7 and 8	1. Add with cubes - sums up to 8 7PW
Lesson 1-4: Sums of 9 and 10	1. Add with cubes - sums up to 10 E8D 2. Add with pictures - sums up to 10 H6S 3. Addition sentences up to 10: which model matches? E5U 4. Addition sentences up to 10: what does the model show? F9B <i>Also consider</i> <ul style="list-style-type: none"> Show numbers on ten frames - up to 10 8ET
Lesson 1-5: Related Addition Facts	1. Related addition facts - sums up to 10 R8A
Lesson 1-6: Count On to Add	1. Addition sentences using number lines - sums up to 10 UWW
Lesson 1-7: Problem Solving: Use the Four-Step Process	1. Addition word problems - sums up to 10 P6D <i>Also consider</i> <ul style="list-style-type: none"> Addition word problems with pictures - sums up to 10 F6L

Chapter 2

More Addition Within 10

Textbook section	IXL skills
Lesson 2-1: Add Three Numbers	1. Add three numbers - sums less than 10 PSX
Lesson 2-2: Solve Addition Word Problems	1. Add three numbers with sums less than 10 - word problems XJW
Lesson 2-3: Doubles and Doubles Plus 1	1. Add doubles - sums up to 10 ZNG 2. Add using doubles plus one - sums up to 10 DDC <i>Also consider</i> <ul style="list-style-type: none"> Add doubles - with models HRW
Lesson 2-4: Equivalent Sums	
Lesson 2-5: Addition Practice	1. Addition facts - sums up to 10 WUL <i>Also consider</i> <ul style="list-style-type: none"> Make a number using addition - sums up to 10 VSE
Lesson 2-6: Problem Solving: Use a Number Sentence	1. Addition sentences for word problems - sums up to 10 ZE8 <i>Also consider</i> <ul style="list-style-type: none"> Ways to make a number - addition sentences up to 10 K48 Turn words into an addition sentence - sums up to 10 5YU
Lesson 2-7: Solve for Unknown Addends	1. Complete the addition sentence - sums up to 10 N2N

Chapter 3

Subtraction Facts and Strategies Within 10

Textbook section	IXL skills
Lesson 3-1: Subtract from 5 or Less	<ol style="list-style-type: none"> 1. Subtract with cubes - up to 5 DPX 2. Subtract with pictures - up to 5 GQ7
Lesson 3-2: Subtract from 6 or Less	<ol style="list-style-type: none"> 1. Subtraction word problems with pictures - up to 6 88Y
Lesson 3-3: Subtract from 7 and 8	<ol style="list-style-type: none"> 1. Subtract with cubes - up to 8 MUB
Lesson 3-4: Subtract from 9 and 10	<ol style="list-style-type: none"> 1. Subtract with cubes - up to 10 5JT 2. Subtract with pictures - up to 10 Y2Z <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Subtraction word problems with pictures - up to 10 GA9 • Subtraction sentences up to 10: which model matches? MGG
Lesson 3-5: Problem Solving: Use a Model	<ol style="list-style-type: none"> 1. Subtraction word problems - up to 10 7NL
Lesson 3-6: Count on to Subtract	<ol style="list-style-type: none"> 1. Subtract within 10 Q49
Lesson 3-7: All or Zero	<ol style="list-style-type: none"> 1. Subtract zero and all PEQ 2. Subtracting 0 8DN 3. Adding 0 UFN

Chapter 4

Addition and Subtraction Relationships Within 10

Textbook section	IXL skills
Lesson 4-1: Related Subtraction Facts	1. Related subtraction facts XZB
Lesson 4-2: Relate Addition and Subtraction	
Lesson 4-3: Fact Families Through 10	1. Fact families - up to 10 2FC
Lesson 4-4: Think Addition to Subtract	1. Relate addition and subtraction sentences - up to 10 TBD
Lesson 4-5: Check by Adding	1. Subtraction facts - up to 10 EQK
Lesson 4-6: Problem Solving: Use a Model	1. Addition and subtraction word problems - up to 10 DWE <i>Also consider</i> <ul style="list-style-type: none"> Subtraction sentences for word problems - up to 10 R2J
Lesson 4-7: Find Missing Addends	1. Complete the addition sentence - sums up to 10 VYU <i>Also consider</i> <ul style="list-style-type: none"> Complete the addition sentence - make ten 5MN
Lesson 4-8: Subtract to Compare	
Lesson 4-9: Solve Comparison Word Problems	

Chapter 5

Measurement: Length

Textbook section	IXL skills
Lesson 5-1: Order by Length	1. Compare objects: length and height D7U
Lesson 5-2: Use Indirect Comparison	1. Compare objects: length and height - 2 objects only C99
Lesson 5-3: Same-Size Length Units	1. Measure length with cubes FBV <i>Also consider</i> <ul style="list-style-type: none">• Measure height with cubes BLM
Lesson 5-4: Measure Length	1. Measure length with objects GWG
Lesson 5-5: Problem Solving: Use Logical Reasoning	
Lesson 5-6: Make and Use a Ruler	
Lesson 5-7: Inches	1. Measure using an inch ruler ELW

Chapter 6

Place Value to 100

Textbook section	IXL skills
Lesson 6-1: Tens and Ones	1. Counting tens and ones - up to 30 C6K
Lesson 6-2: Tens Through One Hundred	1. Convert between tens and ones - multiples of 10 VH7 <i>Also consider</i> • Skip-counting by tens N89
Lesson 6-3: Numbers 11 Through 19	1. Place value models up to 20 YPB 2. Write numbers as tens and ones up to 20 5HL 3. Counting tens and ones - up to 20 GU6 <i>Also consider</i> • Writing numbers with digits and words - up to 20 LWV
Lesson 6-4: Numbers 20 Through 39	1. Count on ten frames - up to 40 WTZ 2. Write numbers as tens and ones - up to 40 G6R
Lesson 6-5: Numbers 40 Through 59	1. Place value models - up to 50 CWR
Lesson 6-6: Numbers 60 Through 89	1. Write numbers as tens and ones 7WF
Lesson 6-7: Numbers 90 Through 100	1. Counting tens and ones - up to 99 EAN <i>Also consider</i> • Counting - up to 100 SUW • Writing numbers up to 100 in words - convert digits to words 5KK
Lesson 6-8: Problem Solving: Use a Model	1. Place value models up to 100 5CG
Lesson 6-9: Count and Order Using Hundred Chart Patterns	1. Counting on the hundred chart XUD 2. Hundred chart 64Q 3. Sequences - count up and down by 1, 2, 5, and 10 8PY

Also consider

- Skip-counting by twos, fives, and tens W8G
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Chapter 7

Place Value to 120

Textbook section	IXL skills
Lesson 7-1: Place Value of Digits	1. Place value - tens and ones 2DP
Lesson 7-2: Expanded Form	1. Writing numbers up to 100 in expanded form HFV
Lesson 7-3: Decompose Two-Digit Numbers	1. Regroup tens and ones - ways to make a number FCJ 2. Regroup tens and ones EWN
Lesson 7-4: Numbers to 120	1. Counting forward - up to 120 VZR 2. Place value models up to 120 YDR <i>Also consider</i> • Number lines - up to 100 MVE
Lesson 7-5: Number Patterns to 120	1. One or ten more/less KRV 2. Hundred chart - fill in the missing numbers LB7
Lesson 7-6: Compare Numbers	1. Compare numbers up to 100 using words BWC 2. Compare numbers up to 100 using symbols FU5
Lesson 7-7: Order Numbers	1. Put numbers in order PB7
Lesson 7-8: Problem Solving: Use Reasoning	1. Guess the number KFY

Chapter 8

Addition Facts Within 20

Textbook section	IXL skills
Lesson 8-1: Make 10 to Add	1. Make ten to add RNZ <i>Also consider</i> <ul style="list-style-type: none"> Count to fill a ten frame 6CB Complete the addition sentence - make ten 5MN
Lesson 8-2: Addition: Sums of 11 and 12	1. Addition facts - sums up to 12 YFN
Lesson 8-3: Addition: Sums through 14	1. Addition facts - sums up to 14 ADJ
Lesson 8-4: Addition: Sums Through 16	1. Addition facts - sums up to 16 2N4
Lesson 8-5: Addition: Sums Through 18	1. Addition facts - sums up to 18 YXB
Lesson 8-6: Addition: Sums Through 20	1. Addition facts - sums up to 20 6TM <i>Also consider</i> <ul style="list-style-type: none"> Make a number using addition - sums up to 20 UMX Add doubles DFT Add using doubles plus one XAY
Lesson 8-7: Three Addends	1. Add three numbers - make ten 8B2 2. Add three numbers - use doubles 2K8 3. Add three numbers RL2 <i>Also consider</i> <ul style="list-style-type: none"> Add three numbers - word problems Z7S
Lesson 8-8: Problem Solving: Write and Solve an Equation	1. Addition word problems - sums up to 20 KY5 2. Addition sentences for word problems - sums up to 20 N5N

Chapter 9

Subtraction Facts Within 20

Textbook section	IXL skills
Lesson 9-1: Make 10 to Subtract	
Lesson 9-2: Subtract from 11 and 12	1. Subtract from 11 and 12 57P
Lesson 9-3: Subtract from 13 and 14	1. Subtract from 13 and 14 Q2Q
Lesson 9-4: Subtract from 16 or Less	1. Subtract from 15 and 16 X7D
Lesson 9-5: Subtract from 20 or Less	1. Subtraction facts - up to 20 PV5 <i>Also consider</i> <ul style="list-style-type: none"> Subtract doubles LHZ Make a number using subtraction - up to 20 JJS
Lesson 9-6: Fact Families Through 20	1. Fact families - up to 20 Q7Y <i>Also consider</i> <ul style="list-style-type: none"> Relate addition and subtraction sentences DM2
Lesson 9-7: Problem Solving: Use a Number Sentence	1. Subtraction sentences for word problems - up to 20 LJA <i>Also consider</i> <ul style="list-style-type: none"> Subtraction word problems - up to 20 9Q9
Lesson 9-8: True and False Equations	1. Addition sentences: true or false? AMQ 2. Subtraction sentences: true or false? XRG 3. Addition and subtraction sentences: which is true? QVL
Lesson 9-9: Missing Part of an Equation	1. Complete the addition or subtraction sentence - up to 20 YKL <i>Also consider</i> <ul style="list-style-type: none"> Complete the addition sentence - sums up to 20 5BP



- Complete the subtraction sentence - up to 20 ZSR
 - Addition sentences using number lines - sums up to 20 LXW
 - Subtraction sentences using number lines - up to 20 MMS
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Chapter 10

Data and Graphical Displays

Textbook section	IXL skills
Lesson 10-1: Read Tally Charts	1. Interpret tally charts LBV
Lesson 10-2: Make Tally Charts	1. Which tally chart is correct? XRL
Lesson 10-3: Read Picture Graphs	1. Interpret picture graphs GFA
Lesson 10-4: Make Picture Graphs	1. Which picture graph is correct? WZF <i>Also consider</i> <ul style="list-style-type: none">• Create picture graphs 8F5
Lesson 10-5: Problem Solving: Use a Model	1. Interpret picture graphs II 7LT

Chapter 11

Addition: Two-Digit Numbers

Textbook section	IXL skills
Lesson 11-1: Mental Math: Find 10 More	1. Ten more <small>VH2</small>
Lesson 11-2: Add Tens	1. Add two multiples of ten <small>EMK</small>
Lesson 11-3: Add Two-Digit Numbers and Multiples of Ten	1. Use models to add a multiple of ten and a two-digit number <small>CSV</small> 2. Add a multiple of ten and a two-digit number <small>LNL</small> <i>Also consider</i> <ul style="list-style-type: none"> Use models to add a multiple of ten and a one-digit number <small>FKG</small> Add a multiple of ten and a one-digit number <small>DZN</small>
Lesson 11-4: Add Two-Digit and One-Digit Numbers	1. Use models to add a two-digit and a one-digit number - without regrouping <small>MUX</small> 2. Add a one-digit number to a two-digit number - without regrouping <small>5VX</small>
Lesson 11-5: Make a 10 to Add Two-Digit and One-Digit Numbers	1. Use models to add a two-digit and a one-digit number - with regrouping <small>8RL</small> 2. Add a one-digit number to a two-digit number - with regrouping <small>BF6</small> <i>Also consider</i> <ul style="list-style-type: none"> Addition word problems - one-digit plus two-digit numbers <small>88Q</small>
Lesson 11-6: Add Two-Digit Numbers	1. Use models to add two-digit numbers - without regrouping <small>GJJ</small> 2. Add two-digit numbers without regrouping - sums to 100 <small>VZW</small>
Lesson 11-7: Make a 10 to Add Two-Digit Numbers	1. Use models to add two-digit numbers - with regrouping <small>CDU</small> 2. Add two-digit numbers with regrouping - sums to 100 <small>QHX</small>



Lesson 11-8: Break Apart to Add

1. Add two-digit numbers C2B
2. Addition word problems - up to two digits T9S

Lesson 11-9: Problem Solving: Use a Model

1. Write the addition sentence - up to two digits 8WT
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Chapter 12

Subtraction: Two-Digit Numbers

Textbook section	IXL skills
Lesson 12-1: Mental Math: Find 10 Less	1. Ten less JDS <i>Also consider</i> <ul style="list-style-type: none">• Ten more or less CLA
Lesson 12-2: Subtract Tens	1. Subtract multiples of 10 9DD
Lesson 12-3: Think Addition to Subtract Tens	1. Add and subtract tens J6G
Lesson 12-4: Subtract Tens from Two-Digit Numbers	1. Subtract a multiple of 10 PYR
Lesson 12-5: Problem Solving: Guess and Test	

Chapter 13

Geometry

Textbook section	IXL skills
Lesson 13-1: Two-Dimensional Shapes	<ol style="list-style-type: none"> Open and closed shapes DBN Count sides and corners VUQ <p><i>Also consider</i></p> <ul style="list-style-type: none"> Compare sides and corners EML Equal sides QT9
Lesson 13-2: Attributes of Two-Dimensional Shapes	<ol style="list-style-type: none"> Name the two-dimensional shape MRF Select two-dimensional shapes HV6 Rhombuses M7A
Lesson 13-3: Compose Two-Dimensional Shapes	<ol style="list-style-type: none"> Compose two-dimensional shapes using up to 4 smaller shapes DCS
Lesson 13-4: Compose More Two-Dimensional Shapes	<ol style="list-style-type: none"> Compose two-dimensional shapes YEU
Lesson 13-5: Three-Dimensional Shapes	<ol style="list-style-type: none"> Name the three-dimensional shape 26D Select three-dimensional shapes J8A Shapes of everyday objects I ZCN Shapes of everyday objects II LFC <p><i>Also consider</i></p> <ul style="list-style-type: none"> Cubes and rectangular prisms 7HG
Lesson 13-6: Attributes of Three-Dimensional Shapes	<ol style="list-style-type: none"> Count vertices, edges, and faces Z42 Compare vertices, edges, and faces 6W3
Lesson 13-7: Compare Two-Dimensional and Three-Dimensional Shapes	<ol style="list-style-type: none"> Identify shapes traced from solids NXF Identify faces of three-dimensional shapes RPX
Lesson 13-8: Sort Two-Dimensional and Three-Dimensional Shapes	<ol style="list-style-type: none"> Two-dimensional and three-dimensional shapes 2NN
Lesson 13-9: Compose Three-Dimensional Shapes	



Lesson 13-10: Problem Solving: Use Logical Reasoning

Chapter 14

Equal Shares

Textbook section	IXL skills
Lesson 14-1: Equal Shares	1. Equal parts - halves and fourths HVX
Lesson 14-2: Make Halves	1. Identify halves UFC 2. Make halves GF9
Lesson 14-3: Make Fourths	1. Identify fourths TP9 2. Make fourths ALQ
Lesson 14-4: Halves and Fourths	1. Identify halves and fourths WVL 2. Make halves and fourths X5A
Lesson 14-5: Problem Solving: Draw a Picture	1. Make halves and fourths in different ways YJR

Chapter 15

Time

Textbook section	IXL skills
Lesson 15-1: Hour	<ol style="list-style-type: none">1. Match analog and digital clocks: to the hour 7B82. Read clocks and write times: to the hour 63H <p><i>Also consider</i></p> <ul style="list-style-type: none">• Match analog clocks and times: to the hour S75
Lesson 15-2: Half Hour	<ol style="list-style-type: none">1. Match digital clocks and times KKM2. Match analog clocks and times 5FJ3. Match analog and digital clocks 7N3 <p><i>Also consider</i></p> <ul style="list-style-type: none">• Read clocks and write times UJM
Lesson 15-3: Time Patterns	<ol style="list-style-type: none">1. Time patterns KG9
Lesson 15-4: Day and Night	<ol style="list-style-type: none">1. Times of everyday events BXM
Lesson 15-5: Problem Solving: Use Logical Reasoning	<ol style="list-style-type: none">1. Time and clocks: word problems NPR2. Compare clocks VRW

Chapter 16

Money

Textbook section	IXL skills
Lesson 16-1: Pennies and Nickels	1. Count pennies and nickels JMS
Lesson 16-2: Dimes and Quarters	1. Count pennies, nickels, dimes, and quarters 8AK <i>Also consider</i> • Names and values of common coins FT2
Lesson 16-3: Count On by Dimes and Pennies	1. Count pennies and dimes XAM
Lesson 16-4: Count On by Dimes and Nickels	1. Count nickels and dimes QFD
Lesson 16-5: One Dollar	1. Equivalent groups of coins TRL 2. Exchanging coins - with pictures WXU <i>Also consider</i> • Exchanging coins HSW • Compare money amounts VJA • Least number of coins 8TY
Lesson 16-6: Problem Solving: Work Backward	1. Money - word problems KJD 2. Purchases: do you have enough money? S9S