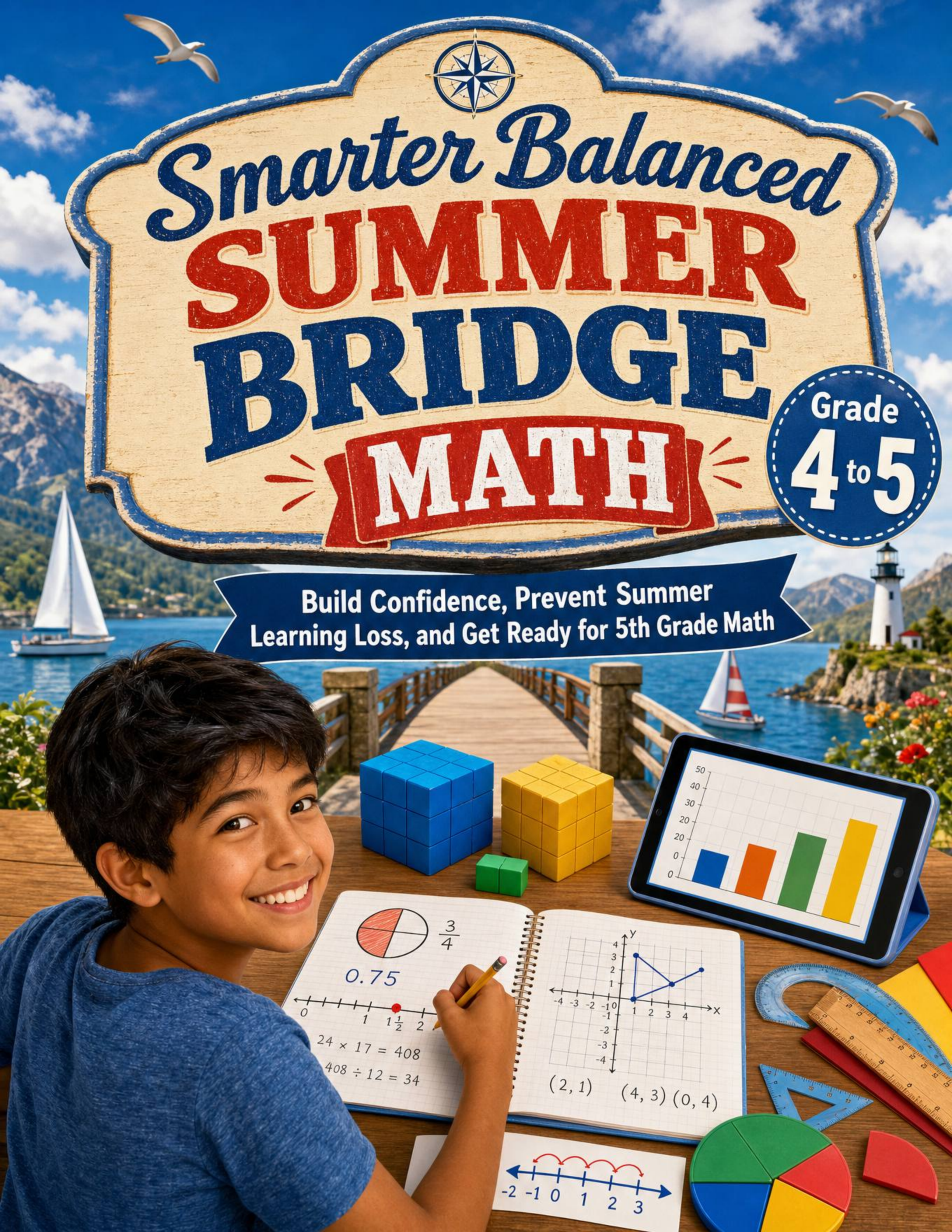
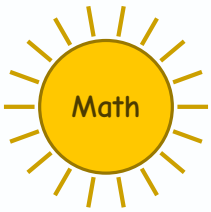

Smarter Balanced
SUMMER
BRIDGE
MATH
Grade 4 to 5
Build Confidence, Prevent Summer Learning Loss, and Get Ready for 5th Grade Math
3/4
0.75
24 × 17 = 408
408 ÷ 12 = 34
(2, 1)
(4, 3) (0, 4)

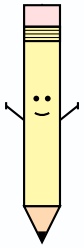
Summer Math Bridge

From Grade 4 to Grade 5

Smarter Balanced Edition



"Math is easy when you take it step by step!"



Welcome to your summer math adventure!





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For Parents and Teachers

Welcome to **Summer Math Bridge: From Grade 4 to Grade 5**! This 8-week workbook is designed to help students:

- ⋆ **Review** all key Grade 4 math concepts
- ⋆ **Preview** important Grade 5 math topics
- ⋆ **Build confidence** through structured daily practice
- ⋆ **Arrive ready** for 5^{th} grade in the fall

Each topic is two pages: a **Lesson page** with examples, followed by a **Practice page** with problems. Complete one topic each weekday and you will finish all 8 weeks before school starts!

A Suggested Summer Rhythm

Monday–Friday: One topic per day — read the Lesson page, complete the Practice page, then check your answers and revisit any tricky steps (20–30 minutes).

Weekend: Rest, play, and find math in real life — keep it fun!



A little math each day goes a long, long way!



Come and see!
Scan the key!

Scan Me

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Scan Me

Hoorah, scan me! You're the key!

Your 8-Week Summer Math Journey!



8 Weeks — 40 Topics — Lesson & Practice

Weeks 1–4 (Grade 4 Review)

- Week 1: Whole Numbers & Place Value
- Week 2: Multiplication & Division
- Week 3: Fractions
- Week 4: Decimals, Area & Angles

Weeks 5–8 (Grade 5 Preview)

- Week 5: Decimals & Big Operations
- Week 6: Expressions & Patterns
- Week 7: Fractions Without Limits
- Week 8: Geometry, Graphing & Volume

Each topic = 2 pages: Page 1: Lesson & Examples • Page 2: Practice Problems

★ You are amazing! Every topic you complete is one step closer to becoming a Grade 5 math champion! ★



Pack your pencil — the adventure starts on the next page!



Math is sweet! Scan the feat!

Scan Me

DAY 4 ★ ✎ Learn It!

4.NBT.4

Adding Multi-Digit Numbers (Up to 1,000,000)

Standard Algorithm

1 1 1 1 1

248,576

Regroup carry 1s ← **+393,867** → Add ones: 6+7=13

642,443

Steps to Add

1. Line up digits by place value
2. Add from right to left (ones first)
3. Regroup when the sum ≥ 10
4. Continue through all places

Check: estimate first to make sure your answer is reasonable!

★ Worked Example

Without Regrouping

Add: **523,146 + 341,752**

1. Ones: $6 + 2 = 8$
2. Tens: $4 + 5 = 9$
3. Hundreds: $1 + 7 = 8$
4. Continue for each place...

$$\begin{array}{r} 523{,}146 \\ +341{,}752 \\ \hline 864{,}898 \end{array}$$

Answer: 864,898

With Regrouping

Add: **469,758 + 354,867**

1. Ones: $8 + 7 = 15$, write 5, carry 1
2. Tens: $5 + 6 + 1 = 12$, write 2, carry 1
3. Continue, regrouping as needed

1 1 1 1 1

$$\begin{array}{r} 469{,}758 \\ +354{,}867 \\ \hline 824{,}625 \end{array}$$

Answer: 824,625

"Carrying is like a sandcastle bucket brigade—when a column fills up with 10, scoop them into one big pail and pass it left to the next builder in line!"

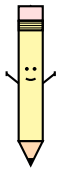
Math is high! Scan the sky!

Scan Me

DAY 4 ★ ✍ Practice Time!

4.NBT.4

★ ✎ Multi-Digit Addition Practice ✎ ★



Line up your addends like popsicles in a box — ones under ones, tens under tens! Add from right to left and toss each carried 1 to the next column like a beach ball.

Add (No Regrouping)

1. 421,305 + 256,482 = _____

2. 613,254 + 172,533 = _____

3. 352,041 + 426,857 = _____

Add (With Regrouping)

4. 457,839 + 286,594 = _____

5. 693,278 + 148,956 = _____

6. 376,948 + 285,167 = _____

7. 648,575 + 183,649 = _____

8. 529,786 + 263,548 = _____

9. 358,496 + 467,738 = _____

Add and Find the Sum

10. 263,718 + 425,690 = _____

11. 417,256 + 348,937 = _____

12. 529,847 + 263,585 = _____

13. 581,367 + 86,754 = _____

Word Problems

14. A summer fair sold 318,246 ride tickets in June and 254,637 ride tickets in July. What is the total number of tickets? _____ tickets

15. Over the summer, a lemonade stand chain squeezed 274,586 lemons in June and 348,725 in July. How many lemons total? _____ lemons

Scan Me

Add more fun! Scan here!



DAY 5 ★ ✎ Learn It!

4.NBT.4

Subtracting Multi-Digit Numbers

Standard Algorithm

(regroup)

723,142

Cross out and regroup ← **−485,367** → Can't subtract: borrow from tens

237,775

Steps to Subtract

1. Line up digits by place value
2. Subtract from right to left
3. If the top digit is too small, **regroup** (borrow from the left)
4. Continue through all places

Check: add the difference + the smaller number. Should equal the larger number!

★ Worked Example

Without Regrouping

Subtract: **798,647 − 453,215**

1. Ones: $7 - 5 = 2$
2. Tens: $4 - 1 = 3$
3. Continue each place...

$$\begin{array}{r} 798{,}647 \\ -453{,}215 \\ \hline 345{,}432 \end{array}$$

Answer: 345,432

With Regrouping

Subtract: **603,500 − 247,816**

1. $0 - 6$: can't! Borrow across zeros
2. Regroup from the hundreds place
3. Keep regrouping as you move left

$$\begin{array}{r} 603{,}500 \\ -247{,}816 \\ \hline 355{,}684 \end{array}$$

Answer: 355,684



"Borrowing is like asking the beach towel next door for 10 extra ice cubes—that column hands one of its own over so your column can chill and finish the job!"



Let's go, scan! Make a plan!

Scan Me