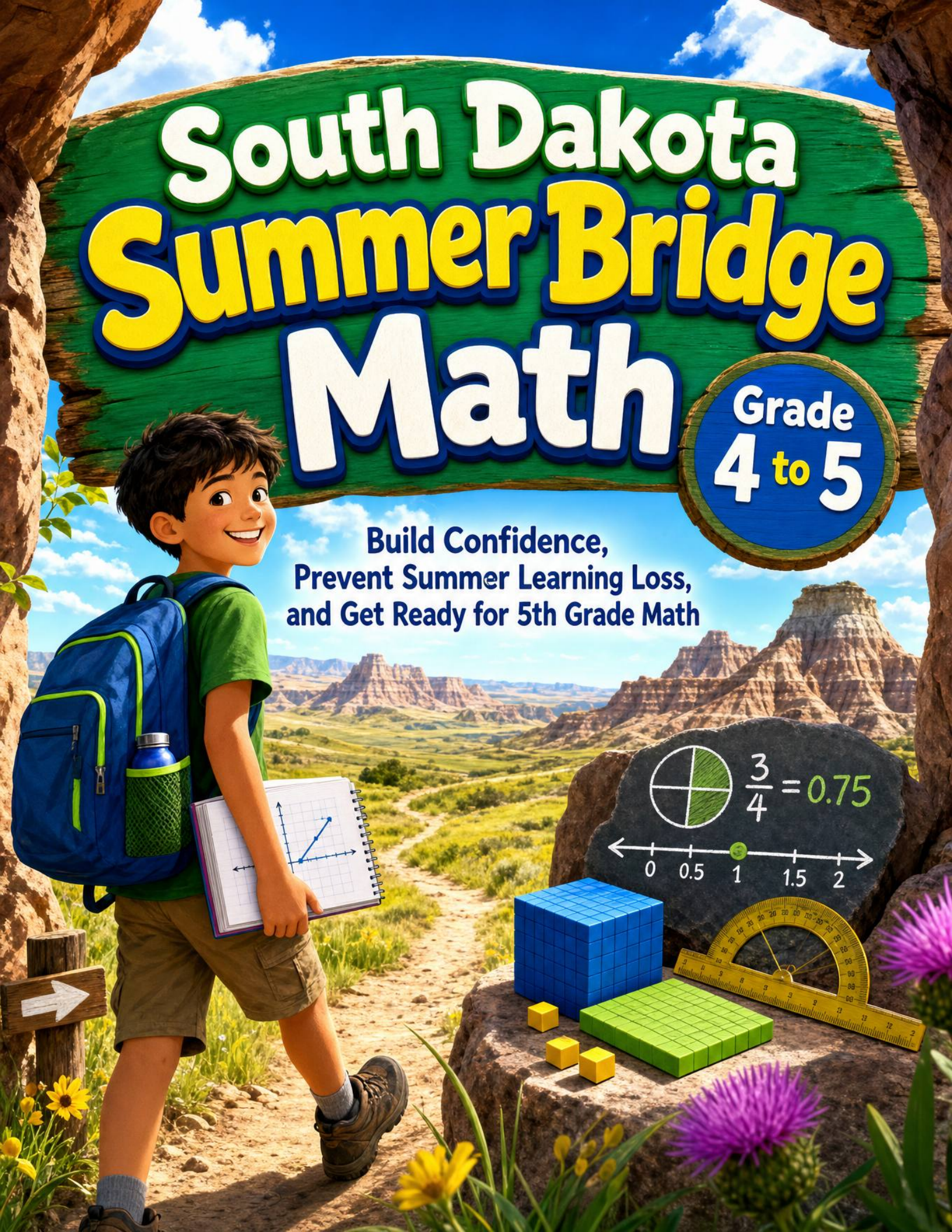
South Dakota Summer Bridge Math

Grade 4 to 5

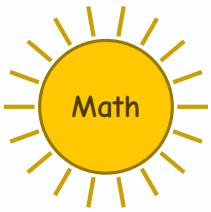
Build Confidence,
Prevent Summer Learning Loss,
and Get Ready for 5th Grade Math



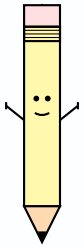
Summer Math Bridge

From Grade 4 to Grade 5

South Dakota Edition



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



Welcome to your summer math adventure!





Copyright © 2026

Effortless Math Education Inc

Published by Effortless Math Education

www.effortlessmath.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.

Copyright © 2026

Table of Contents

Your Summer Adventure Map

- Your 8-Week Summer Journey . . . 1
- 1 Week 1: Grade 4 Review — Whole Numbers & Place Value . . . 2
- 2 Week 2: Grade 4 Review — Multiplication & Division . . . 15
- 3 Week 3: Grade 4 Review — Fractions . . . 28
- 4 Week 4: Grade 4 Review — Decimals, Area & Angles . . . 41
- 5 Week 5: Grade 5 Preview — Decimals & Big Operations . . . 54
- 6 Week 6: Grade 5 Preview — Expressions & Patterns . . . 67
- 7 Week 7: Grade 5 Preview — Fractions Without Limits . . . 80
- 8 Week 8: Grade 5 Preview — Geometry, Graphing & Volume . . . 93
- Test-Taking Strategies . . . 106
- Building Math Confidence . . . 107
- Parent Guide . . . 108
- Answer Key . . . 109
- Author's Note . . . 114
- Free South Dakota Grade 5 Math Hub . . . 115

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!



Scan me, zip! Take a trip!

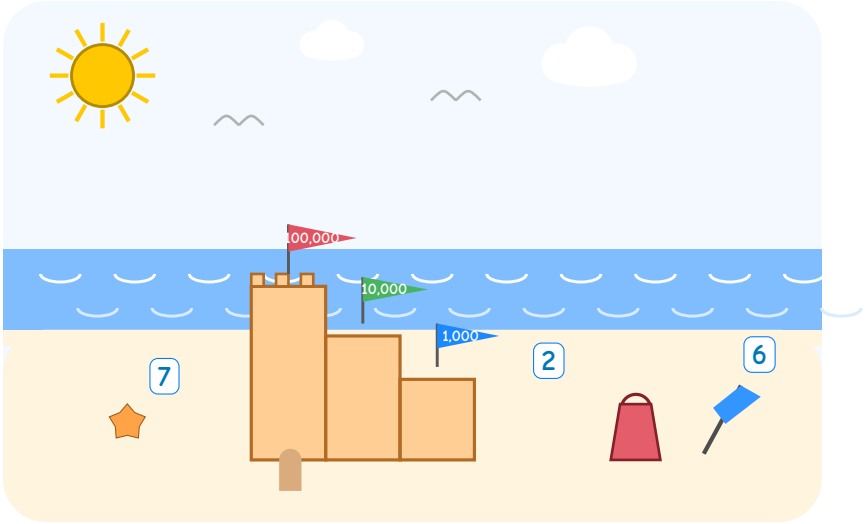
Scan Me

WEEK 1

Grade 4 Review — Whole Numbers & Place Value

Topics This Week:

1. Place Value to Hundred Thousands
2. Comparing & Ordering Numbers
3. Rounding Multi-Digit Numbers
4. Adding Multi-Digit Numbers
5. Subtracting Multi-Digit Numbers

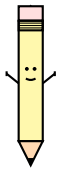


Build big numbers, one place at a time!

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

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...

798,647
−453,215
345,432

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

603,500
−247,816
355,684

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!"



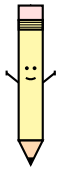
Let's try it, scan! Make a plan!

Scan Me

DAY 5 ★ ✍ Practice Time!

4.NBT.4

★ ✎ Multi-Digit Subtraction Practice ✎ ★



Subtract from right to left like collecting shells along the shore! If the top digit is too small, borrow 10 from the neighbor on the left, then add your answer back to double-check it!

Subtract (No Regrouping)

1. 879,656 − 423,514 = _____

2. 768,975 − 325,641 = _____

3. 596,847 − 273,524 = _____

Subtract (With Regrouping)

4. 532,146 − 287,659 = _____

5. 900,000 − 536,428 = _____

6. 836,501 − 459,876 = _____

7. 421,307 − 158,649 = _____

8. 600,040 − 273,186 = _____

9. 715,832 − 468,257 = _____

Find the Difference

10. 856,940 − 423,620 = _____

11. 500,000 − 246,813 = _____

12. 743,265 − 318,547 = _____

13. 600,000 − 1 = _____

Word Problems

14. A jumbo kite spool holds 815,300 feet of string. A smaller spool holds 348,762 feet. How much more string does the jumbo spool hold?

_____ feet

15. A water park stocked 750,000 pool floats for the summer. It handed out 462,385. How many floats are left?

_____ floats

Scan Me

Math explorer! Scan here!

