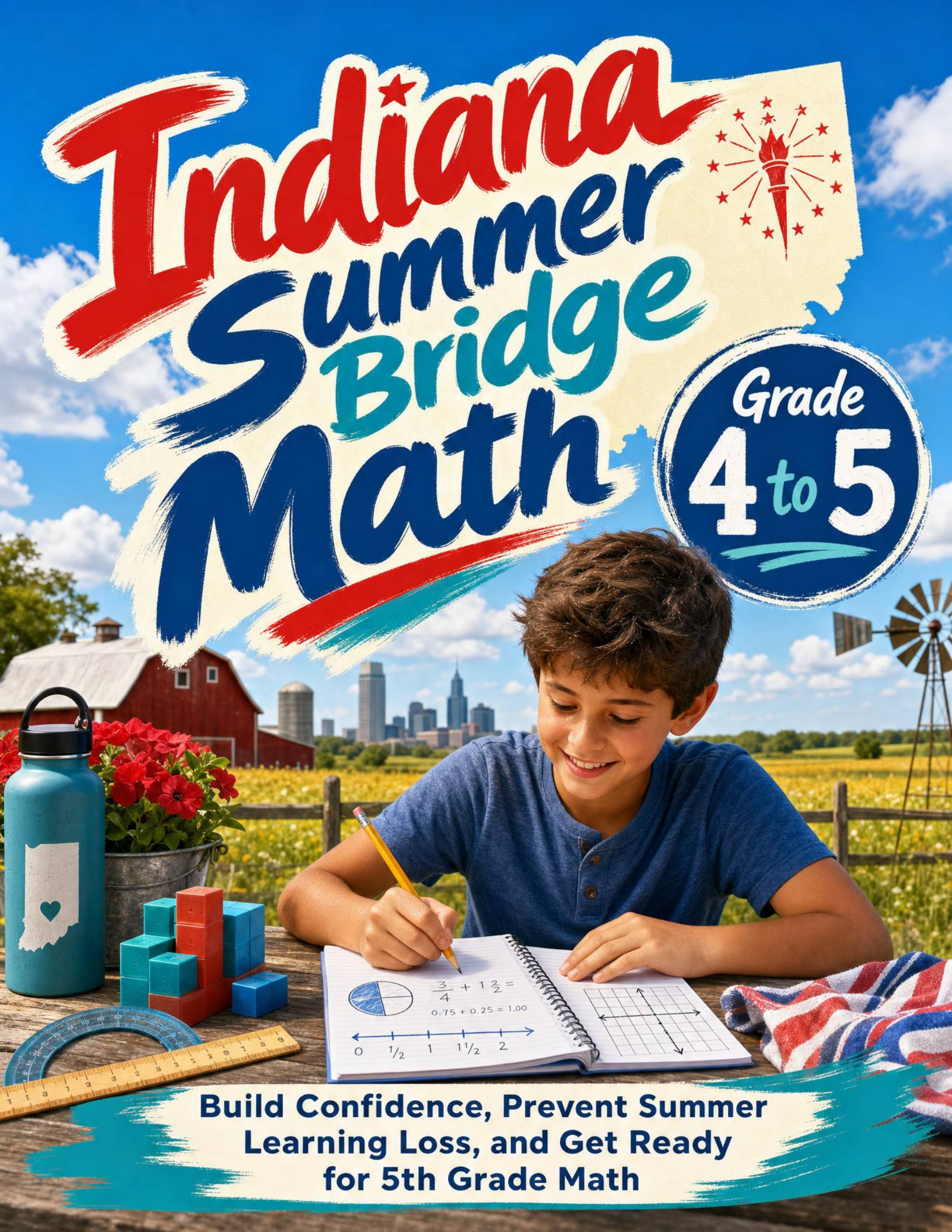
# Indiana Summer Bridge Math

## Grade 4 to 5

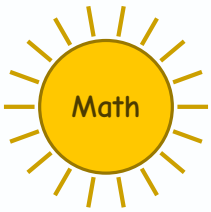



**Build Confidence, Prevent Summer Learning Loss, and Get Ready for 5th Grade Math**

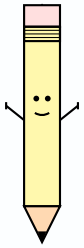
# Summer Math Bridge

## From Grade 4 to Grade 5

### Indiana Edition




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



**Welcome to your summer math adventure!**





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# 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!





Want to see? Scan with me!

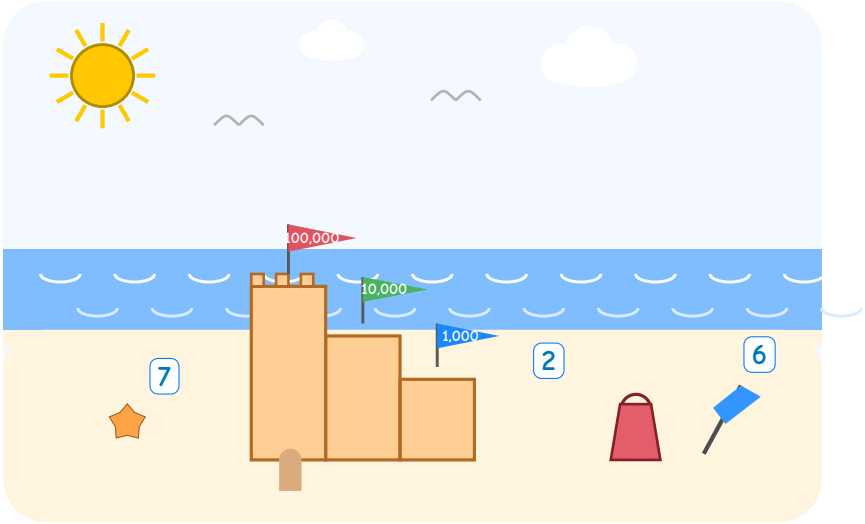
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# WEEK 1

## 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

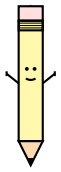



*Build big numbers, one place at a time!*

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

Scan Me

You're smart! Scan it now!



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!"*





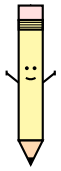
Solve and scan! Be a fan!

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

Need a clue? Scan, it's true!

