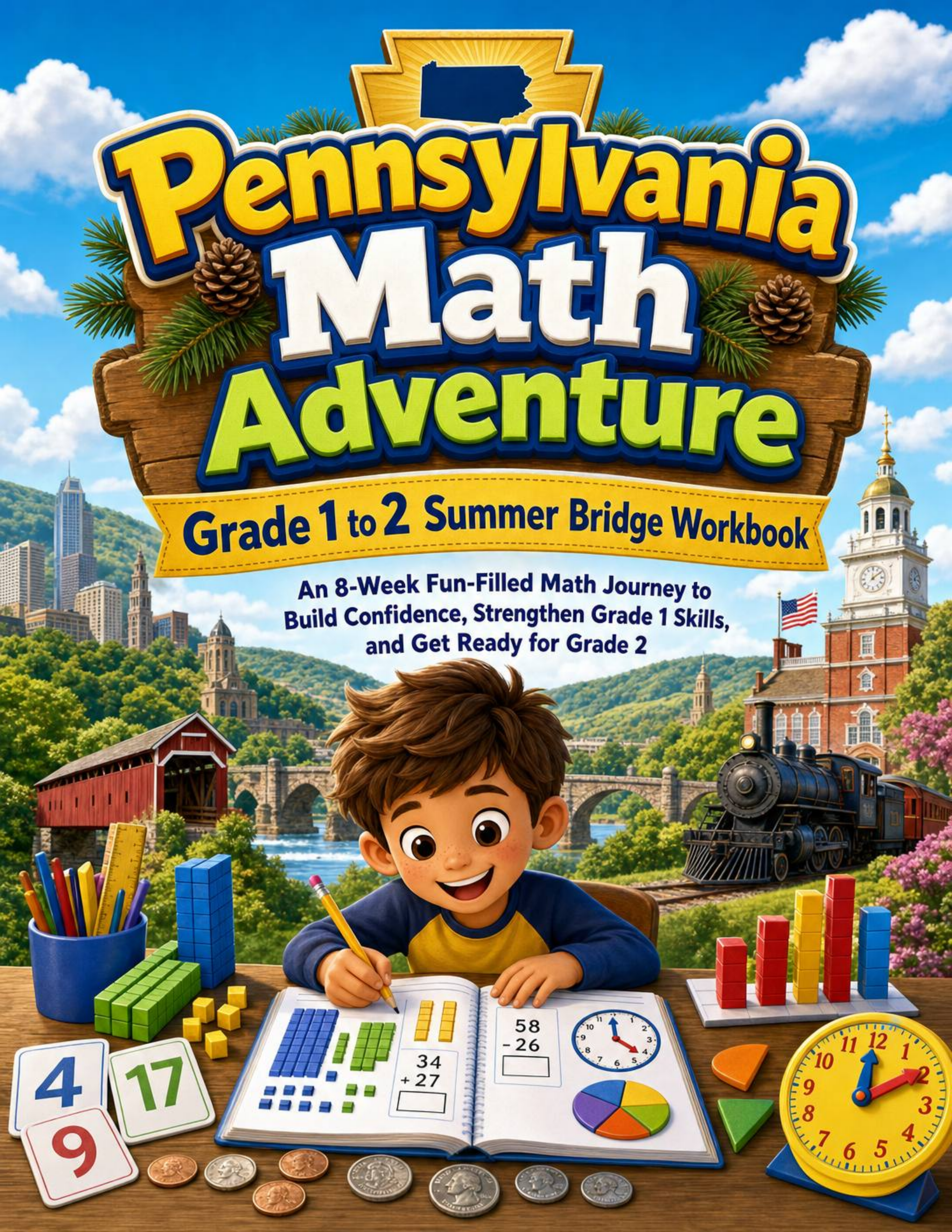

Pennsylvania
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Grade 1 to 2 Summer Bridge Workbook
An 8-Week Fun-Filled Math Journey to
Build Confidence, Strengthen Grade 1 Skills,
and Get Ready for Grade 2
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GRADE
1 TO 2

Summer Bridge

Pennsylvania Math Adventure

Grade 1 to 2 Summer Bridge Workbook

An 8-Week Fun-Filled Math Journey to Build Confidence,
Strengthen Grade 1 Skills, and Get Ready for Grade 2

Reza Nazari

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Pennsylvania Math Adventure: Grade 1 to 2 Summer Bridge Workbook

By Reza Nazari

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Summer Bridge

Grade 1 to 2 Math

1

Week 1: Numbers and Place Value

Five focused days: learn the idea, study the examples, then practice before moving to the next day.

Big Idea

This week wakes up number sense from first grade. Students count to 120, read tens and ones, compare two-digit numbers, skip count, and tell even from odd.

Summer Math Adventure Stop 1: Numbers and Place Value

Check this stop after Day 5: ☐

Week Plan

		codes
1.	Count, Read, and Write Numbers to 120	1.NBT, 2.NBT
2.	Place Value: Tens and Ones	1.NBT, 2.NBT
3.	Comparing Two-Digit Numbers	1.NBT, 2.NBT
4.	Skip Counting and Number Patterns	1.NBT, 2.NBT, 2.OA
5.	Even and Odd Numbers	2.OA

Week 1 Mission

Numbers and Place Value

Solve carefully, then explain your thinking out loud.



Day 4: Practice

Remember: Skip counting adds the same amount each time. Find the step, then keep going.

Let's Practice

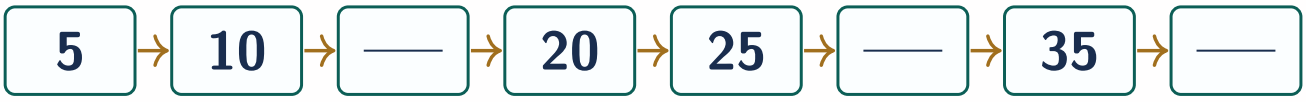
1. Count by 5s: 5, 10, 15, ____, ____
2. Count by 2s: 2, 4, 6, 8, ____
3. Count by 10s: 10, 20, ____, 40
4. What is the missing number? 15, ____, 25, 30
5. Which list counts by 5s? *(Circle the letter.)*
   A. 5, 7, 9 **B.** 5, 10, 15 **C.** 5, 6, 7 **D.** 5, 15, 20
6. What number keeps this pattern going?
   20, 30, 40, ____

Word Problems

7. Socks come in pairs of 2. How many socks are in 5 pairs? _____
8. A vase holds 5 flowers. How many flowers are in 4 vases? _____
9. Dimes are worth 10 cents each. Counting by tens, how much are 6 dimes? _____
10. A game gives 5 points for each star. How many points are 7 stars worth? _____
11. There are 10 crayons in each box. How many crayons are in 5 boxes? _____
12. A frog jumps 2 stones at a time. How many stones does it pass in 6 jumps? _____
13. Mia counts nickels by 5s: 5, 10, 15, 20. What number comes next? _____
14. The class counts by 10s: 30, 40, 50. What number comes next? _____

★ Fun Zone: Race Car Track

Zoom! Fill in the missing numbers as you count by 5s.



Day 5 Even and Odd Numbers

2.OA

Big Idea

A number is even if it makes equal pairs and odd if one is left over, which helps students see number structure.

✓ Learn to:

- Tell if a number is even or odd.
- Use pairs to decide.
- Use the ones digit to check quickly.

The Meaning

Even numbers can split into two equal groups or pairs with nothing left over. Odd numbers always have one extra. Looking at the ones digit is a fast way to tell.

Bridge Habit

Pair up the objects; if none is left over, the number is even.



pairs ⇒ even

6 **makes** 3 **pairs**

Watch For

Even numbers end in $0, 2, 4, 6, 8$; odd numbers end in $1, 3, 5, 7, 9$.

Example 1: Try the idea

Question: Is 8 **even or odd?**

Let's read it slowly and reason it out.

Make pairs: 8 makes four pairs.

Nothing is left over.

So 8 is even.

☞ ***Result: even***

Example 2: Try the idea

Question: Is 7 **even or odd?**

Think it through one step at a time.

Make pairs: 7 makes three pairs.

One is left over.

So 7 is odd.

☞ ***Result: odd***

Day 5: Practice

Remember: Even numbers pair up with none left over. Odd numbers have one left over.

Let's Practice

1. Is 8 even or odd? _____
2. Is 7 even or odd? _____
3. Circle the even number. 3, 6, 9 _____
4. Write the next even number after 10. _____
5. Which number is odd? *(Circle the letter.)*
   A. 4 **B.** 10 **C.** 15 **D.** 8
6. Is 20 even or odd? _____

Word Problems

7. There are 9 apples. Can the apples be split into 2 equal groups with none left over? _____
8. Mia has 6 socks. Can she make pairs with none left over? _____
9. A team needs an even number of players. Is 11 even? _____
10. Ava has 12 stickers. Can she make pairs with none left over? _____
11. There are 15 socks. Is 15 even or odd? _____
12. Fourteen students line up in pairs. Is 14 even or odd? _____
13. Look at the ones digit in 23. Is 23 even or odd? _____

★ Fun Zone: Color the Hidden Picture

Color every even number to find the hidden picture.

7	12	24	13	36	48	25
20	8	46	30	64	52	18
31	72	26	90	14	38	49
17	63	60	4	82	9	41
75	23	57	56	11	35	89

What picture do you see? _____ How many boxes did you color? _____

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