

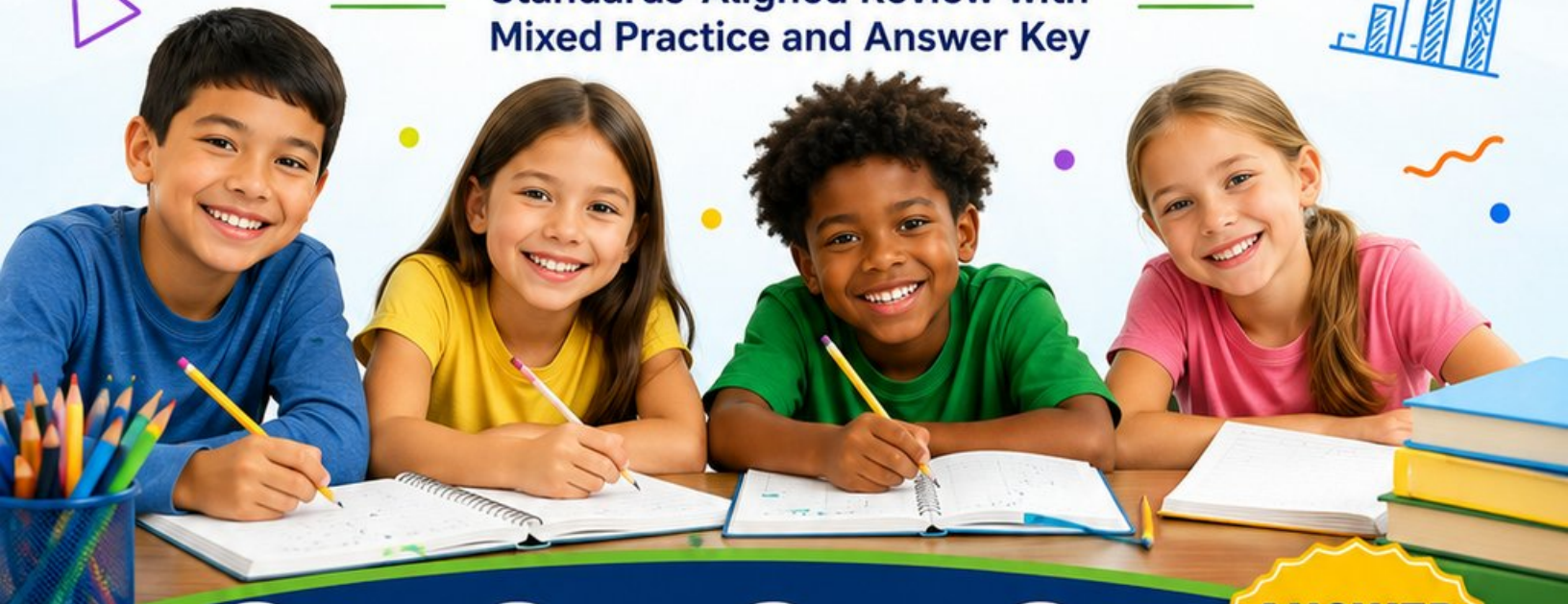
7

Nevada

Smarter Balanced

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$



7 Full-Length
Practice Tests



Standards-
Aligned



Build Confidence
and Skills



Mixed Question
Types

**ANSWER
KEY**

INCLUDED

7 Nevada Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Seven complete 30-question Grade 4 practice rounds for Smarter Balanced, built around desert roads, bright night skies, and bold checking habits, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Nevada Math Explorer!

Seven steady rounds on the Silver State math route

This book gives you seven full Grade 4 practice tests for Smarter Balanced. Each round uses desert roads, bright night skies, and bold checking habits to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Nevada Practice Promise

I will slow down for the question, circle what matters, solve one step at a time, and use mistakes as clues for getting stronger.

Read

Plan

Check

How to Use This Book

A ten-session routine for Nevada Smarter Balanced review

1. **Preview the skills.** Read the quick review pages before the first test.
2. **Take one test at a time.** Treat each round like a stop on the Silver State math route.
3. **Mark your confidence.** Put a small star beside problems you solved with a strong plan.
4. **Check, then retry.** For missed questions, try the problem again before reading the explanation.
5. **Track your next move.** Use the growth log to name one habit and one skill for the next test.

Good rhythm: Test one day, correct carefully the next day, then return for the next round when your corrections feel clear.



What Is Inside?

Seven tests, 210 questions, and a full Smarter Balanced review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 5–7	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.



Scan me!
For more practice
& answers

Table of Contents

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5) If you turn $\frac{1}{6}$ of the way around a circle, how many degrees do you turn?

- A. 60° C. 120°
 B. 90° D. 180°

6) Which letter has no line of symmetry?

- A. *S* C. *U*
 B. *T* D. *W*

7) Which equation shows that 24 is 6 times as many as 4?

- A. $24 + 4 = 28$ C. $24 = 6 \times 4$
 B. $24 - 4 = 20$ D. $24 \div 4 = 9$

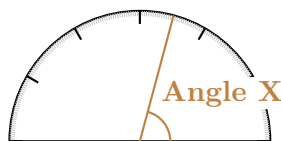
8) Which decomposition of $\frac{9}{10}$ is correct?

- A. $\frac{4}{10} + \frac{5}{10}$ C. $\frac{2}{10} + \frac{8}{10}$
 B. $\frac{3}{10} + \frac{5}{10}$ D. $\frac{5}{10} + \frac{5}{10}$

9) Add: $3,456 + 4,567 = ?$

- A. 8,012 C. 7,923
 B. 7,913 D. 8,023

10)



What is the best estimate of the angle shown as Angle X?

- A. About 60 degrees C. About 90 degrees
 B. About 75 degrees D. About 120 degrees



11) What decimal is read as “zero point nineteen”?

A. 19

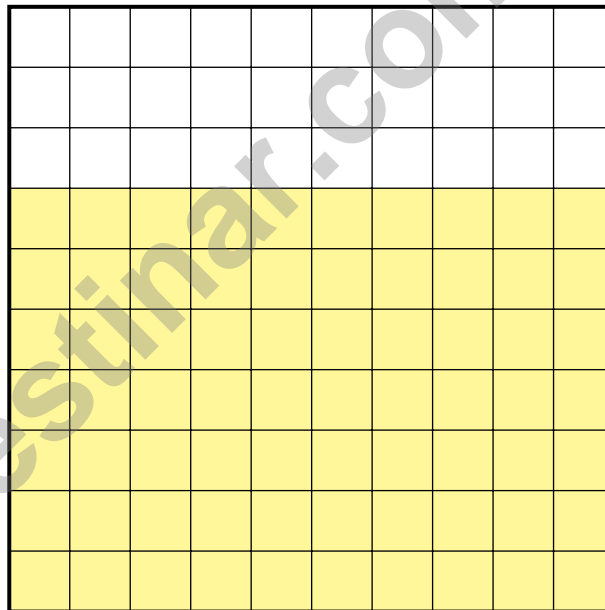
C. 1.9

B. 0.19

D. 0.019

12) A baker needs $\frac{7}{12}$ cup of sugar and has $\frac{3}{12}$. How much more is needed?

13) Decimal grids show place value. Which decimal matches the shaded grid?



Shaded: 70 out of 100

A. 0.07

C. 7.0

B. 0.70

D. 0.77



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1) Which time conversion is correct?

- A. 2 hours = 100 minutes
 B. 3 minutes = 180 seconds
 C. 1 day = 1,200 minutes
 D. 4 hours = 250 minutes

2) Write $\frac{6}{4}$ as a mixed number.

3) A rectangular field has a perimeter of 80 meters. The length is 25 meters. What is the width?

- A. 10 m
 B. 15 m
 C. 20 m
 D. 55 m

4) Is 30 prime or composite?

- A. Prime
 B. It depends
 C. Neither
 D. Composite

5) What is $\frac{3}{8} + \frac{2}{8}$?

- A. $\frac{1}{8}$
 B. $\frac{5}{8}$
 C. $\frac{5}{16}$
 D. $\frac{6}{8}$



- 1) A city library has 287,654 books. How is this number read?
- A. Two hundred eighty thousand, seven hundred fifty-four
- B. Two hundred thousand, eighty-seven thousand, six hundred fifty-four
- C. Twenty-eight thousand, seven hundred fifty-four
- D. Two hundred eighty-seven thousand, six hundred fifty-four
- 2) A full turn around a point equals 360 degrees. How many one-degree angles make a full turn?
- A. 180 one-degree angles
- B. 90 one-degree angles
- C. 360 one-degree angles
- D. 720 one-degree angles
- 3) A function rule is “divide by 2.” Complete the table:
- | | | | | |
|--------|---|---|----|----|
| Input | 4 | 8 | 12 | 20 |
| Output | 2 | 4 | 6 | ? |
- A. 8
- B. 15
- C. 12
- D. 10
- 4) Ming has a ribbon that is $\frac{5}{8}$ meter long. She cuts off $\frac{3}{8}$ meter. How much ribbon remains?
- A. $\frac{2}{8}$ meter
- B. $\frac{8}{16}$ meter
- C. $\frac{3}{8}$ meter
- D. $\frac{8}{8}$ meter
- 5) Which statement correctly matches the equation $42 = 6 \times 7$?
- A. 42 is 6 less than 7
- B. 42 is 7 more than 6
- C. 42 is 6 times as many as 7
- D. 42 equals 6 plus 7



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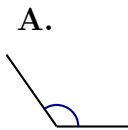
6) A camp has 47 campers. They rent cabins that fit 6 campers each. How many cabins do they need to rent?

 A. 7 B. 9 C. 6 D. 8

7) An art class has 8 paintbrushes. Another art class has 4 times as many paintbrushes. How many paintbrushes does the other class have?

 A. 12 B. 24 C. 32 D. 40

8) Which angle is acute?

 A. Diagram A B. Diagram B C. Diagram C D. Diagram D

9) Mia had 25,000 dollars. She spent 12,345 dollars. How much money does she have left?

 A. 12,655 dollars B. 12,755 dollars C. 13,655 dollars D. 12,565 dollars

10) How many unit fractions of $\frac{1}{9}$ make $\frac{5}{9}$?



Practice Test Answer Keys

How to use this section with a Grade 4 student:

1. check the answer first
2. mark questions to try again
3. rework the problem before reading the full explanation

A calm correction routine turns every missed item into useful practice.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice D is correct.** (4.NBT.A.2) From the table: ten-thousands: 2, thousands: 0, hundreds: 9, tens: 3, ones: 5 → 20,935 ✓
- Choice A is correct.** (4.G.A.2) A scalene triangle has all three sides of different lengths, with no two sides equal to each other. The absence of tick marks on the sides confirms no sides are equal. The answer is **A**.
- Choice A is correct.** (4.MD.A.3) $P = 2(11) + 2(7) = 22 + 14 = 36$ ft.
- Choice A is correct.** (4.MD.A.2) Flour weighs 32 ounces and sugar weighs 25 ounces. Subtract to find the difference: $32 - 25 = 7$ ounces. The flour weighs **7** ounces more.
- Choice A is correct.** (4.MD.C.5) One-sixth of the circle is $\frac{1}{6} \times 360^\circ = 60^\circ$.
- Choice A is correct.** (4.G.A.3) The letter *S* curves one way at the top and the opposite way at the bottom, like a snake. No fold line can make the two halves match. The answer is letter **S**.
- Choice C is correct.** (4.OA.A.1) When you see “times as many,” think *multiplication!* “6 times as many as 4” becomes 6×4 , which equals 24. So choice C, $24 = 6 \times 4$, is the equation that captures that idea.
- Choice A is correct.** (4.NF.B.3) When the denominators match, add the numerators! $4 + 5 = 9$, so we get $\frac{4}{10} + \frac{5}{10} = \frac{9}{10}$ ✓.
- Choice D is correct.** (4.NBT.B.4) Add from right to left: ones give 13 (write 3, carry 1), tens give 12 (write 2, carry 1), hundreds give 10 (write 0, carry 1), thousands give 8. The sum is **8,023**.
- Choice B is correct.** (4.MD.C.6) The ray falls between the 60° benchmark and the 90° benchmark. It’s closer to the midpoint between them, which is around 75° . The answer is **75** degrees.
- Choice B is correct.** (4.NF.C.5) When you say “zero point nineteen” out loud, you’re reading the decimal 0.19.
- The correct answer is $\frac{1}{3}$.** (4.NF.B.3) The baker needs $\frac{7}{12}$ cup and has $\frac{3}{12}$. What’s needed: $7 - 3 = 4$ twelfths more, or $\frac{4}{12}$ (which simplifies to $\frac{1}{3}$).
- Choice B is correct.** (4.NF.C.5) The grid shows 70 shaded squares out of 100, which is seventy hundredths: $0.70 = 0.7$.
- Choice A is correct.** (4.NF.B.4) When we multiply a whole number by a unit fraction, we get that many copies of the unit fraction. So $5 \times \frac{1}{12}$ means 5 copies of $\frac{1}{12}$, which is $\frac{5}{12}$.
- Choice B is correct.** (4.G.A.1) Angle A is small (around 67°), but Angle B opens much wider — almost like a right angle. Angle B definitely wins the size competition!
- Choice B is correct.** (4.NF.B.4) Eight children each get $\frac{1}{2}$ sandwich. We multiply: $8 \times \frac{1}{2} = \frac{8}{2} = 4$ sandwiches are needed.
- The correct answer is A, C.** (4.OA.A.2) “3 times as many” means $3 \times 12 = 36$ blue balloons—that’s choice A. And the expression 3×12 in choice C is exactly the calculation we just did, so it’s correct too. B (24) and D (15) come from wrong operations, and E uses + instead of \times .
- Choice D is correct.** (4.NBT.B.5) Split and calculate: $18 \times (10 + 6) = 180 + 108 = 288$ square units.
- The correct answer is $\frac{3}{8}$.** (4.NF.B.3) Ava ate 3 slices out of 8, which is $\frac{3}{8}$. Breaking this into unit fractions: $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$.
- Choice D is correct.** (4.OA.A.3) Two steps! Step 1: find the total cookies. 6 batches $\times 25 = 150$ cookies. Step 2: pack into boxes of 8: $150 \div 8 = 18$ remainder 6. The remainder isn’t enough to fill another box, so they fill **18** complete boxes.
- Choice A is correct.** (4.NF.C.5) Count the shaded squares: Grid 1 has 43 hundredths and Grid 2 has 34 hundredths. Since $43 > 34$, $0.43 > 0.34$.
- Choice A is correct.** (4.MD.C.5) The measure of an angle equals the number of one-degree angles it turns through, so 40 one-degree angles equal **40**°.
- The correct answer is 135.** (4.MD.C.7) The hand rotates in two steps. Add both angles: $90^\circ + 45^\circ = 135^\circ$.
- Choice D is correct.** (4.OA.B.4) Apply the rule “multiply by 2 then add 1” to input 4: $(2 \times 4) + 1 = 8 + 1 = 9$.
- Choice C is correct.** (4.NF.B.3) Add the wholes: $3 + 2 = 5$. Add the fractions: $\frac{2}{5} + \frac{3}{5} = \frac{5}{5} = 1$. Combine: $5 + 1 = 6$ pages.
- Choice A is correct.** (4.NF.B.3) The number line shows marked and unmarked sections. Step 1: Add the marked fractions: $\frac{4}{10} + \frac{2}{10} = \frac{6}{10}$. Step 2: Subtract from the whole: $\frac{10}{10} - \frac{6}{10} = \frac{4}{10}$ is unmarked.



Hi, Math Athlete!

◇ 7 practice tests done! That's serious training. Your math muscles are strong. You are in great shape for the big test. ◇

★ **Trainers know:** muscle memory is real. The more you practice, the more your brain knows what to do without thinking. You built that muscle memory! ★

Athlete Performance

- **Endurance:** TOP! You can finish a long test.
- **Strength:** STRONG! You handle hard problems.
- **Speed:** JUST RIGHT! You don't rush.
- **Recovery:** GOOD! You bounce back from tough questions.

Trainer tip: on test day, drink water, breathe deeply, and warm up with the easier questions first. Your training will carry you the rest of the way!

If you want to share something or ask a question, please email me at jay@testinar.com.

Jay Daie

Your Math Trainer

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



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- ✓ Skill Reinforcement

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Build a solid foundation through targeted practice and review.



Better Problem Solving

Develop logical thinking and effective solution strategies.



Test Confidence

Become familiar with test-style questions and formats.



Track Progress

Measure growth across multiple practice tests.



Academic Success

Strengthen skills needed for future learning.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals & Comparing Numbers
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ And More!



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Mixed Question Types



Answer Key Included