

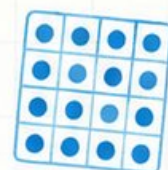
10

$$7 \times 8 = 56$$

$$\begin{array}{r} 32 \\ \times 6 \\ \hline 192 \end{array}$$



$$\frac{3}{4}$$



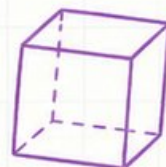
Nevada



Smarter Balanced



GRADE 4



MATH

PRACTICE TESTS

Standards-Aligned Review
with Mixed Practice
and **Answer Key**



10 Nevada Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten 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!

Ten steady rounds on the Silver State math route

This book gives you ten 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?

Ten tests, 300 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 7–9	Stamina rounds for mixed review, neat work, and flexible strategies.
Test 10	Final round to show growth across the whole Nevada book.
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.



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& answers

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6) Which shows six tenths as both a decimal and a fraction?

A. 0.6 and $\frac{6}{10}$

C. 0.6 and $\frac{6}{100}$

B. 0.06 and $\frac{6}{100}$

D. 6.0 and $\frac{6}{10}$

7) Diego has 6 toy cars. Chen has 4 times as many toy cars as Diego. How many more cars does Chen have than Diego?

A. 10

C. 24

B. 4

D. 18

8) A bead weighs $\frac{1}{10}$ gram. How much do 9 beads weigh?

A. $\frac{1}{90}$ gram

C. $\frac{10}{9}$ grams

B. $\frac{9}{10}$ grams

D. $\frac{9}{90}$ gram

9) Which attribute is true for a square?

A. Four equal sides and four right angles

C. One pair of parallel sides

B. Three angles and three sides

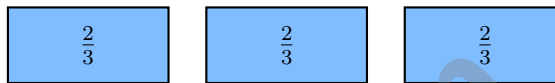
D. Four different side lengths

10) Find $\frac{5}{7} + \frac{3}{7}$ as a mixed number.



- 1) The population of a town is 42,567. Round this number to the nearest thousand.

- 2) A model shows 3 tiles, each equal to $\frac{2}{3}$. What is the total?



- A. $\frac{2}{3}$ C. $\frac{6}{3}$
 B. $\frac{3}{3}$ D. $\frac{2}{9}$
- 3) Look at this line plot with halves:



How many data points have a value of 1 inch or less?

- A. 3 C. 5
 B. 4 D. 6
- 4) How many endpoints does a line segment have?



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$\frac{6}{10}$ distance



5)

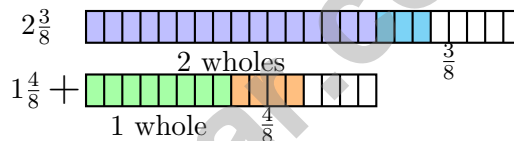
?

A runner has completed $\frac{6}{10}$ of the race. How much of the race remains?

- A. $\frac{6}{10}$
 C. $\frac{10}{10}$
 B. $\frac{4}{10}$
 D. $\frac{2}{10}$

6) Which number is divisible by 2?

- A. 47
 C. 63
 B. 71
 D. 52



7)

What is the sum shown by the bar diagrams above?

- A. $3\frac{7}{8}$
 C. $4\frac{1}{8}$
 B. $3\frac{6}{8}$
 D. $4\frac{7}{8}$

8) Is $\frac{2}{8}$ greater than, less than, or equal to $\frac{1}{4}$?

- A. Greater than
 C. Equal to
 B. Less than
 D. Cannot determine



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.OA.B.4) Check the differences: $30 - 25 = 5$, $25 - 20 = 5$. Each term is 5 less. The rule is “subtract 5”. ✓
- Choice B is correct.** (4.NF.B.3) Ava starts with $\frac{2}{5}$ and Diego adds $\frac{2}{5}$ more. With the same-size fifths, we get $2 + 2 = 4$ fifths: $\frac{4}{5}$.
- Choice D is correct.** (4.NBT.A.2) Reading from right to left: ones, tens, hundreds, thousands. The 5 is in the tens place ✓
- The correct answer is 1.** (4.G.A.3) The question tells us the letter has exactly one line of symmetry, so the answer is 1.
- Choice D is correct.** (4.OA.B.4) Look for any factor besides 1 and 50. Since $50 = 2 \times 25 = 5 \times 10$, 2 and 5 are also factors. With multiple factors, 50 is **composite**.
- Choice A is correct.** (4.NF.C.5) The phrase “six tenths” appears in both the decimal form (0.6) and the fraction form ($\frac{6}{10}$).
- Choice D is correct.** (4.OA.A.1) This is a two-step problem. Step 1: find Chen’s cars: $4 \times 6 = 24$. Step 2: “how many more” is a subtraction question, so $24 - 6 = 18$. Chen has **18** more cars than Diego.
- Choice B is correct.** (4.NF.B.4) Nine beads, each weighing $\frac{1}{10}$ gram, weigh $9 \times \frac{1}{10} = \frac{9}{10}$ grams total.
- Choice A is correct.** (4.G.A.2) A square has two essential properties: four sides of equal length and four right angles at each corner. This combination of properties is unique to squares. The answer is **A**.
- The correct answer is $1\frac{1}{7}$.** (4.NF.B.3) Add the fractions: $\frac{5}{7} + \frac{3}{7} = \frac{8}{7}$. Convert to a mixed number: $1\frac{1}{7}$.
- Choice B is correct.** (4.MD.A.1) Since 1 foot = 12 inches, multiply: $2 \times 12 = 24$ inches. The answer is **24** inches.
- Choice C is correct.** (4.NBT.A.1) If the same digit is in the thousands place (worth digit $\times 1,000$) and the ones place (worth digit $\times 1$), the ratio is $1,000 \div 1 = \mathbf{1,000}$. ✓
- Choice C is correct.** (4.NF.C.5) Convert $\frac{1}{10}$ to hundredths: $\frac{1}{10} = \frac{10}{100}$. Now add the two fractions with the same denominator: $\frac{10}{100} + \frac{45}{100} = \frac{55}{100}$.
- Choice A is correct.** (4.NF.B.4) The pizza was cut into 12 equal slices, so each slice is $\frac{1}{12}$. Mia ate 7 slices, which equals $7 \times \frac{1}{12} = \frac{7}{12}$.
- The correct answer is A, C.** (4.NF.A.1) Check equivalence: $\frac{2}{4}$ divides to $\frac{1}{2}$ ($\div 2$), and $\frac{4}{8}$ divides to $\frac{1}{2}$ ($\div 4$). The distractors: $\frac{3}{5} > \frac{1}{2}$, $\frac{2}{6} < \frac{1}{2}$, $\frac{2}{5} < \frac{1}{2}$.
- Choice D is correct.** (4.NF.B.4) A: $4 \times \frac{1}{2} = \frac{4}{2} = 2$ ✓. B: $6 \times \frac{1}{3} = \frac{6}{3} = 2$ ✓. C: $3 \times \frac{2}{3} = \frac{6}{3} = 2$ ✓. D: $5 \times \frac{1}{2} = \frac{5}{2} = 2\frac{1}{2}$ (NOT 2). The answer is **D**.
- Choice B is correct.** (4.MD.C.6) The ray points to the 27° mark, which is between 20° and 30° . Since $27^\circ < 90^\circ$, this is a small acute angle. The answer is **27** degrees.
- Choice B is correct.** (4.MD.C.5) This angle is acute because it has a small opening, smaller than a right angle (90 degrees).
- Choice A is correct.** (4.NBT.B.4) The chart shows 2,341. Add: ones $1 + 4 = 5$, tens $4 + 3 = 7$, hundreds $3 + 2 = 5$, thousands $2 + 1 = 3$. The sum is **3,575**.
- Choice C is correct.** (4.MD.B.4) Count X marks from $\frac{1}{2}$ inch to 2 inches (inclusive). At 1 inch: 2 marks. At 2 inches: 3 marks. Total: $2 + 3 = \mathbf{5}$ marks.
- Choice A is correct.** (4.NF.B.3) Subtract the wholes: $6 - 3 = 3$. Subtract the fractions: $\frac{4}{8} - \frac{2}{8} = \frac{2}{8}$. The difference is **$3\frac{2}{8}$** .
- Choice C is correct.** (4.NF.A.1) First simplify the first fraction: $\frac{2}{4} = \frac{1}{2}$. Now find the equivalent with denominator 10: $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$.
- Choice B is correct.** (4.G.A.1) Ray PQ begins at P — the first letter — and shoots forever through Q . The arrow starting at P in Diagram B shows this perfectly.
- Choice A is correct.** (4.NF.B.3) One whole is $\frac{6}{6}$, plus $\frac{1}{6}$ more: $6 + 1 = 7$, so $\frac{6}{6} + \frac{1}{6} = \frac{7}{6} = 1\frac{1}{6}$ ✓.



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Hi, Brave Explorer!

◇ What a trip! You explored 10 full tests. You went to many math places: multiplication, fractions, area, time, and more. ◇

★ **Smart explorers know:** every trip teaches something. Through 10 tests, you learned a lot. You are a stronger math explorer now. ★

Your Explorer Tools

- **Map Reading:** You read problems carefully.
- **Trail Skills:** You take steps in the right order.
- **Backpack:** You have many math tools.
- **Brave Heart:** You explore even hard problems.

Explorer tip: on test day, use the tools you packed. You have the skills. You are ready!

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

Jay Daie

Your Math Trail Guide

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, boost confidence, and succeed in the classroom and beyond. With 10 full-length practice tests that reflect real test formats, students get the targeted practice they need to master key concepts, improve problem-solving abilities, and achieve their goals.

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& Future Success