

8

Nevada

Smarter Balanced

GRADE 4

PRACTICE TESTS



1

$2 \times 3 = 6$

3

5

$2 \times 3 = 6$

2

4



Standards-Aligned Review with
Mixed Practice and Answer Key

**COMPREHENSIVE
TEST PREP**

Includes Solutions

8 Nevada Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Eight 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!

Eight steady rounds on the Silver State math route

This book gives you eight 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?

Eight tests, 240 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 6–8	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.



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Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	26
★ Practice Test 3	_____	38
★ Practice Test 4	_____	49
★ Practice Test 5	_____	61
★ Practice Test 6	_____	74
★ Practice Test 7	_____	85
★ Practice Test 8	_____	96
Practice Test Answer Keys	_____	106
Practice Test Answers and Explanations	_____	107

1) What is $4 \times \frac{1}{3}$?

A. $\frac{4}{3}$ or $1\frac{1}{3}$

B. $\frac{1}{12}$

C. $\frac{3}{4}$

D. $\frac{4}{4}$

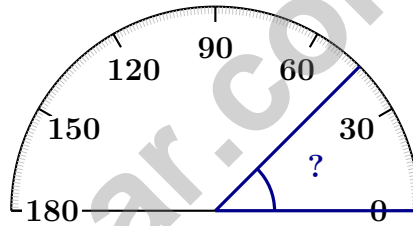
2) A four-digit number has 9 in the thousands place and 2 in the tens place. The hundreds and ones digits are unknown. What is the minimum value this number could have?

A. 9,220

B. 9,200

C. 9,002

D. 9,020



3)

What is the measure of the angle shown in blue?

A. 45 degrees

B. 30 degrees

C. 60 degrees

D. 90 degrees

4) Two cities are separated by a distance. City A to City C is 52,847 meters. City A to City B is 18,956 meters. How much farther is it from City A to City C than from City A to City B?

A. 33,891 meters

B. 33,791 meters

C. 34,891 meters

D. 32,891 meters



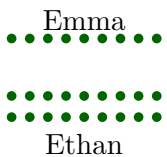
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5) Ming shares a pizza cut into 12 equal slices. He eats 3 slices. Show how many slices he ate as a sum of unit fractions.

- A. $\frac{3}{12}$
 C. $\frac{1}{3} + \frac{1}{3}$
 B. $\frac{1}{12} + \frac{1}{12} + \frac{1}{12}$
 D. $\frac{3}{3}$

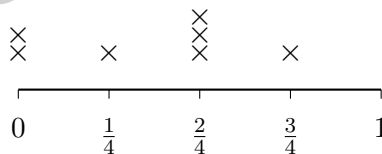
6) Which expanded form does NOT represent 567,089?

- A. $500,000 + 60,000 + 7,000 + 80 + 9$
 C. $500,000 + 60,000 + 7,089$
 B. $500,000 + 67,089$
 D. $560,000 + 7,980$

7)  Emma has 9 colored pencils. Ethan has 2 times as many colored pencils as Emma. How many colored pencils does Ethan have?

- A. 11
 C. 18
 B. 16
 D. 20

8) Look at the line plot showing pencil lengths (in inches):



How many pencils measured $\frac{2}{4}$ inch?

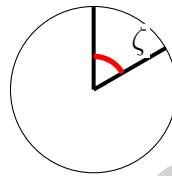
- A. 1
 C. 3
 B. 2
 D. 4

9) Which quadrilateral always has four right angles?

- A. Trapezoid C. Rhombus
 B. Rectangle D. Parallelogram

10) What is $\frac{4}{10}$ as a fraction with denominator 100?

- A. $\frac{4}{100}$ C. $\frac{40}{100}$
 B. $\frac{14}{100}$ D. $\frac{44}{100}$



11)

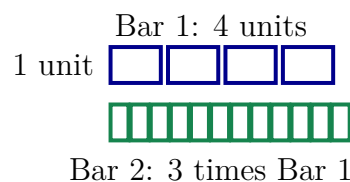
What is the measure of angle ζ ?

- A. 30° C. 60°
 B. 45° D. 75°

12) What is 11,111 rounded to the nearest thousand?

- A. 10,000 C. 12,000
 B. 11,100 D. 11,000

13) Look at the bar model. Both bars show a total of how much?



- A. 4 units C. 12 units
 B. 8 units D. 16 units



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1) What is $6\frac{1}{5} + 2\frac{3}{5}$?

A. $8\frac{2}{5}$

C. $8\frac{4}{5}$

B. $8\frac{3}{5}$

D. $9\frac{1}{5}$

2) Use the chart to find the number.

Thousands	Hundreds	Tens	Ones
9	0	5	3

A. 953

C. 9,530

B. 9,503

D. 9,053

3) Mia measured the height of a plant as $\frac{3}{10}$ meter. How many hundredths of a meter is this?

A. $\frac{3}{100}$ meter

C. $\frac{30}{100}$ meter

B. $\frac{13}{100}$ meter

D. $\frac{300}{100}$ meter

4) Which two models show equivalent fractions?



A. Models A and B

C. Models B and C

B. All three

D. Models A and C



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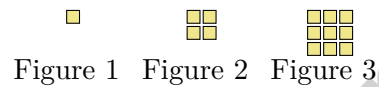
5) What is 64,950 rounded to the nearest thousand?

- A. 64,900 C. 65,000
 B. 64,000 D. 60,000

6) The minute hand starts at 12 and moves to 6. How many degrees does it rotate?

- A. 90° C. 270°
 B. 180° D. 360°

7) A geometric pattern grows with stacked shapes:



How many unit squares are in Figure 4?

- A. 25 C. 20
 B. 18 D. 16
- 8) Which number is less than 54,200?
- A. 54,300 C. 55,200
 B. 54,200 D. 54,100
- 9) Diego has one chocolate bar. He gives $\frac{1}{6}$ of the bar to his sister. Which amount is larger: the original bar or what Diego has left?
- A. The original bar C. They are the same
 B. What Diego has left D. Cannot determine



- 1) Ava is comparing two running times. Her first race was 0.55 seconds and her second race was 0.50 seconds. Which time was faster?
- A. 0.55 seconds (first race) C. Both are the same
 B. 0.50 seconds (second race) D. Cannot tell from the information
- 2) What is $3 \times \frac{1}{4}$?
- A. $\frac{1}{12}$ C. $\frac{3}{4}$
 B. $\frac{3}{12}$ D. $\frac{4}{3}$
- 3) A digit has a value of 7,000. What is the place value of this digit?
- A. Hundreds C. Tens
 B. Ones D. Thousands
- 4) Round 8,756 to the nearest hundred.
- A. 8,700 C. 8,756
 B. 9,000 D. 8,800
- 5) A shape has the following attributes: four sides, four equal sides, and no right angles. Which shape could it be?
- A. Trapezoid C. Rhombus
 B. Rectangle D. Triangle



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 A is correct.** (4.NF.B.4) We take 4 copies of $\frac{1}{3}$. Multiply: $4 \times \frac{1}{3} = \frac{4 \times 1}{3} = \frac{4}{3} = 1\frac{1}{3}$. The answer is $1\frac{1}{3}$.
- Choice D is correct.** (4.NBT.A.1) To find the minimum value, set the unknown digits (hundreds and ones) to 0. So: thousands 9, hundreds 0, tens 2, ones 0 gives **9,020**. ✓
- Choice A is correct.** (4.MD.C.6) The baseline of the angle starts at 0° on the right. Follow the second ray until it crosses the degree scale—it lines up perfectly with the 45-degree mark. The answer is **45** degrees.
- Choice A is correct.** (4.NBT.B.4) To find how much farther, we subtract. $52,847 - 18,956 = \mathbf{33,891}$ meters.
- Choice B is correct.** (4.NF.B.3) Ming ate 3 slices out of 12 equal slices, so the fraction is $\frac{3}{12}$. Breaking this into unit fractions: $\frac{3}{12} = \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$ —three slices, each representing $\frac{1}{12}$ of the pizza.
- Choice D is correct.** (4.NBT.A.2) Choice D: $560,000 + 7,980 = 567,980$ (wrong!). A, B, and C all equal 567,089 in different ways ✓
- Choice C is correct.** (4.OA.A.2) Ethan's group has 2 rows of 9 pencils—"2 times as many." Multiply: $2 \times 9 = 18$ colored pencils.
- Choice C is correct.** (4.MD.B.4) Look at the line plot where $\frac{2}{4}$ inch is marked. Count the X marks stacked above that tick: we see **3** marks.
- Choice B is correct.** (4.G.A.2) A rectangle is defined by having four right angles at each corner. Trapezoids may have only one or two right angles, rhombuses typically have no right angles, and parallelograms have opposite angles equal but not necessarily 90° . The answer is **B**.
- Choice C is correct.** (4.NF.C.5) To convert $\frac{4}{10}$ to hundredths, multiply both the numerator and denominator by 10: $\frac{4}{10} = \frac{40}{100}$.
- Choice C is correct.** (4.MD.C.5) The angle spans from 90° (up) to 30° (clockwise), measuring 60° .
- Choice D is correct.** (4.NBT.A.3) We're rounding to the nearest thousand. Look at the hundreds digit: 1. Since $1 < 5$, we round DOWN. The thousands digit stays at 1, so the answer is **11,000**. ✓
- Choice D is correct.** (4.OA.A.1) Step 1: Bar 2 is 3 times Bar 1, so $\text{Bar 2} = 4 \times 3 = 12$ units. Step 2: add both bars for the total: $4 + 12 = 16$ units.
- The correct answer is 90.** (4.MD.C.5) A straight angle is 180° and a right angle is 90° . Since $180 - 90 = 90$, the straight angle is **90°** larger.
- Choice D is correct.** (4.OA.B.4) Apply "add 12" to input 8: $8 + 12 = \mathbf{20}$.
- Choice D is correct.** (4.OA.A.3) Two steps! Step 1: share equally among teams: $96 \div 6 = 16$ uniforms per team. Step 2: each team gives away 5: $16 - 5 = 11$ uniforms left per team.
- The correct answer is A, E.** (4.NF.C.5) Trailing zeros don't matter. A is true: $0.5 = 0.50$ (both 5 tenths). E is true: $0.3 = 0.30$ (both 3 tenths). B is false: $0.5 \neq 0.05$. C is false: $0.50 \neq 0.05$. D is false: $0.5 \neq 0.51$.
- Choice A is correct.** (4.NF.C.5) The trailing zero doesn't matter: 0.80 and 0.8 are the same, both equal to $\frac{8}{10}$.
- The correct answer is $\frac{18}{6}$.** (4.NF.B.4) Lining up 9 tiles, each $\frac{2}{6}$ meter long, gives us $9 \times \frac{2}{6} = \frac{18}{6} = 3$ meters.
- Choice A is correct.** (4.NF.B.4) Since the bar is divided into 5 equal pieces, each piece is $\frac{1}{5}$. Ming ate 4 pieces, which equals $4 \times \frac{1}{5} = \frac{4}{5}$ of the bar.
- Choice A is correct.** (4.NF.A.1) Divide both numerator and denominator by their GCF, which is 2: $\frac{10}{12} = \frac{10 \div 2}{12 \div 2} = \frac{5}{6}$. Simplest form! (5 and 6 share no common factors.)
- Choice A is correct.** (4.NF.B.3) Top bar is full (one whole). Bottom bar shows $\frac{3}{5}$ shaded. Together: $1 + \frac{3}{5} = 1\frac{3}{5}$. ✓
- The correct answer is 4.** (4.G.A.3) For any regular polygon, the number of lines of symmetry always equals the number of sides. So if it has 4 symmetry lines, it must have **4** sides (a square).
- Choice C is correct.** (4.NF.A.1) Both bars show the same shaded length. They represent the same amount: $\frac{5}{10} = \frac{4}{8} = \frac{1}{2}$.
- Choice B is correct.** (4.NF.B.3) The baker adds fourths: $3 + 2 = 5$ fourths, giving $\frac{5}{4}$. Since that's more than a whole cup, it's $1\frac{1}{4}$ cups.



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From Your Math Family

Hi, Math Family Member,

◇ Welcome to a special note from your math family. You finished 8 full practice tests, and that hard work matters more than any score. We see you. We are proud of you. ◇

★ **Our math family knows:** math is a journey. You have taken many steps already. The test is just one stop. Every skill you built is yours forever. ★

What Your Math Family Sees

- **Hard Work:** You keep showing up.
- **Real Growth:** You can do problems today you couldn't before.
- **Brave Heart:** You face hard problems with brave thinking.
- **Bright Future:** Your math journey is just beginning.

Family tip: on test day, picture us standing behind you, smiling and rooting for you. You are not alone. Your math family is with you!

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

Jay Daie

Your Math Family

8 PRACTICE TESTS. PREPARE. PRACTICE. SUCCEED!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master essential concepts, and boost confidence for success in the classroom and beyond.

Featuring 8 full-length practice tests, a variety of question types, and detailed answer explanations, this book provides the practice and support students need to improve accuracy, strengthen problem-solving abilities, and achieve their best.

Perfect for classroom use, homework, test preparation, and extra practice at home.

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Develop logical thinking and effective solution strategies.



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Measure growth across multiple practice tests.



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- ✓ Place Value & Number Sense
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- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ Mathematical Reasoning
- ✓ And More! ★



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