

3

Nevada

Smarter Balanced

GRADE 4

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



5 FULL-LENGTH
PRACTICE TESTS



STANDARDS-ALIGNED
REVIEW



MIXED PRACTICE
QUESTIONS



ANSWER KEY
INCLUDED

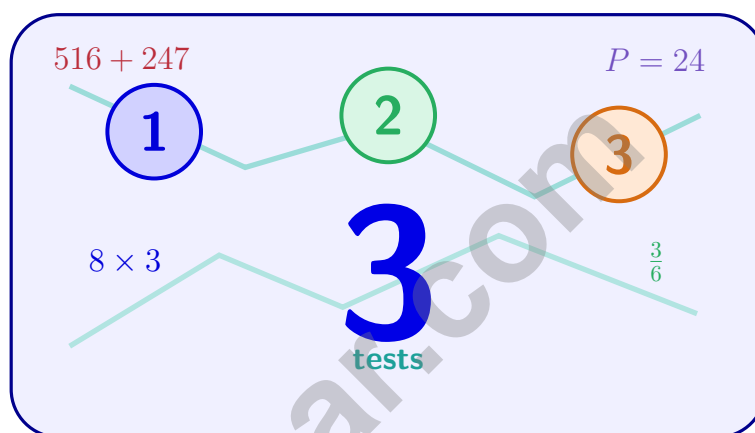
$$a^2 + b^2 = c^2$$

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



3 Nevada Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Practice for Stronger Math Skills and Test Readiness



Three 30-question trail tests packed with Grade 4 review, Nevada Smarter Balanced strategy tips, answer keys, and step-by-step explanations that turn every miss into the next move.

Jay Daie and Reza Nazari



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Welcome, Nevada Math Explorer!

Three steady rounds on the Silver State math route

This book gives you three full Grade 3 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?

Three tests, 90 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 1–3	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 1–3	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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& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	27
★ Practice Test 3	_____	37
Practice Test Answer Keys	_____	47
Practice Test Answers and Explanations	_____	50

1) What is the remainder when 762 is divided by 9?

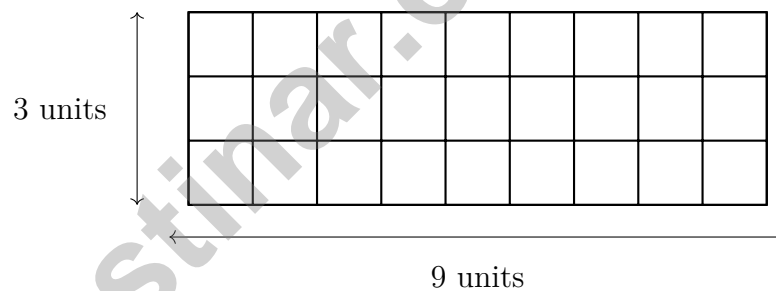
- A. 2 C. 6
 B. 4 D. 8

2) What is 14,285 rounded to the nearest ten?

- A. 14,280 C. 14,300
 B. 14,200 D. 14,290

3) Which list orders the fractions correctly from least to greatest?

- A. $\frac{3}{12}, \frac{5}{12}, \frac{7}{12}$ C. $\frac{3}{12}, \frac{7}{12}, \frac{5}{12}$
 B. $\frac{7}{12}, \frac{5}{12}, \frac{3}{12}$ D. $\frac{5}{12}, \frac{3}{12}, \frac{7}{12}$



4)

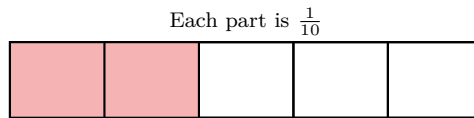
What is the area of the rectangle shown?

- A. 27 sq units C. 12 sq units
 B. 24 sq units D. 36 sq units



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- 5) A fraction bar is divided into 5 equal parts. If 2 parts are shaded and each part is $\frac{1}{10}$, what fraction is shaded?



- A. $\frac{2}{10}$ C. $\frac{1}{10}$
 B. $\frac{2}{5}$ D. $\frac{5}{2}$
- 6) Which decimal is NOT between 0.4 and 0.5?
- A. 0.42 C. 0.55
 B. 0.48 D. 0.49
- 7) What is the value of the digit 5 in the number 5,204?
- A. 5 C. 500
 B. 50 D. 5,000
- 8) Mia plants flowers in 7 rows with 25 flowers in each row. How many flowers does she plant?
- A. 140 C. 175
 B. 210 D. 245
- 9) A garden path is $\frac{10}{12}$ meter long. After rain, $\frac{4}{12}$ meter washed away. How much remains?
- A. $\frac{14}{12}$ meters C. $\frac{6}{24}$ meter
 B. $\frac{6}{12}$ meter D. $\frac{4}{12}$ meter



10) Which equation matches: “20 is 5 times as many as 4”?

A. $20 + 4 = 24$

C. $20 = 5 \times 4$

B. $20 - 4 = 16$

D. $20 = 4 \times 4$

11) Ava drinks $\frac{1}{4}$ cup of juice 4 times a day. How much juice does she drink altogether?

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

C. $\frac{4}{1}$ cup

B. $\frac{1}{16}$ cup

D. $\frac{2}{4}$ cup

12) A letter has no line of symmetry. How many lines of symmetry does it have?

13) Which statement is true?

A. $0.7 > 0.70$

C. $0.7 = 0.70$

B. $0.7 < 0.70$

D. $0.7 < 0.07$

14) Use this place-value table to convert 40,506 to word form:

Ten-Thousands	Thousands	Hundreds	Tens	Ones
4	0	5	0	6

 A. Forty thousand, fifty-six

 C. Forty thousand, five hundred sixty

 B. Four hundred thousand, five hundred six

 D. Forty thousand, five hundred six hundred six


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1) A turn of 120° is what fraction of a complete rotation?

- A. $\frac{1}{4}$
 B. $\frac{1}{3}$

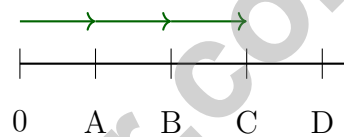
- C. $\frac{2}{5}$
 D. $\frac{1}{2}$

2) Sam ate $\frac{2}{6}$ of a pizza and Ming ate $\frac{3}{6}$ of the same pizza. How much of the pizza did they eat together?

- A. $\frac{5}{6}$
 B. $\frac{5}{12}$

- C. $\frac{1}{6}$
 D. $\frac{6}{6}$

3) Sam has a number line with hops of $\frac{1}{4}$. Which point represents $3 \times \frac{1}{4}$?



- A. Point A
 B. Point B

- C. Point C
 D. Point D

4) Which decimal is the smallest?

- A. 0.35
 B. 0.53

- C. 0.50
 D. 0.55

5) Ava has 8,234 stickers. She gives 2,456 stickers to her friend. How many stickers does Ava have left?

- A. 5,778
 B. 5,678

- C. 6,778
 D. 6,678



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6) In the number 8,888, the value of the digit 8 in the thousands place is how many times the value of the digit 8 in the tens place?

- A. 100
 B. 10 times greater
 C. 100 times greater
 D. 10 times less

7) Convert $\frac{5}{10}$ to a fraction with denominator 100.

8) The letter V has how many lines of symmetry?

- A. 0
 B. 1
 C. 2
 D. 3

9) The pattern is: 2, 4, 8, 16, 32, ... What is the 7th term?

- A. 64
 B. 512
 C. 256
 D. 128

10) If an angle measures 55° , how many one-degree angles make it?

- A. 5.5 one-degree angles
 B. 55 one-degree angles
 C. 110 one-degree angles
 D. 550 one-degree angles

11) A library has 1,624 books to arrange equally on 8 shelves. How many books go on each shelf?

- A. 203
 B. 200
 C. 208
 D. 213



1) A bicycle wheel spins $\frac{5}{6}$ of a full rotation. How many degrees is this?

- A. 240° C. 300°
 B. 270° D. 330°

2) Match the word form to the place-value chart. “Sixty-five thousand, two hundred nine”:

Ten-Thousands	Thousands	Hundreds	Tens	Ones
6	5	2	0	9

Which numeral matches?

- A. 65,029 C. 65,290
 B. 65,902 D. 65,209

3) What is $9,000 - 4,256$?

- A. 4,744 C. 4,244
 B. 5,244 D. 5,744

4) A pitcher holds 64 fluid ounces. How many pints is this?

- A. 2 C. 8
 B. 4 D. 16

5) Which shows correct estimation for 47×19 using rounding?

- A. $50 \times 20 = 1000$ C. $50 \times 10 = 500$
 B. $40 \times 20 = 800$ D. $40 \times 10 = 400$



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& answers

- 6) Look at the bar model below. How many times as many is the longer bar compared to the shorter bar?



- A. 3 times C. 10 times
 B. 2 times D. 5 times
- 7) Which of the following is a prime number?
- A. 9 C. 17
 B. 15 D. 21
- 8) Look at the fraction bar divided into 5 equal parts. How many unit fractions of $\frac{1}{5}$ are shaded?



- A. 2 unit fractions C. 4 unit fractions
 B. 3 unit fractions D. 5 unit fractions
- 9) A pizza is cut into 6 equal slices. Max ate 2 slices. Another pizza was cut into 3 equal slices, and Cole ate 1 slice. If both pizzas started the same size, did Max and Cole eat equivalent amounts?
- A. Yes, both ate $\frac{1}{3}$ C. No, Max ate more
 B. Yes, both ate $\frac{1}{2}$ D. No, Cole ate more



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 C is correct.** (4.NBT.B.6) Divide: $7 \div 9 = 0$ r7, bring down the 6 to get $76 \div 9 = 8$ r4, bring down the 2 to get $42 \div 9 = 4$ r6. The remainder is **6**.
- Choice D is correct.** (4.NBT.A.3) We're rounding to the nearest ten. Look at the ones digit: 5. Since $5 \geq 5$, we round UP! The tens digit changes from 8 to 9, giving us **14,290**. ✓
- Choice A is correct.** (4.NF.A.1) All fractions have denominator 12, so compare numerators: $3 < 5 < 7$. The order from least to greatest is $\frac{3}{12}, \frac{5}{12}, \frac{7}{12}$.
- Choice A is correct.** (4.MD.A.3) The grid shows 9 units by 3 units. Area = $9 \times 3 = 27$ sq units.
- Choice A is correct.** (4.NF.B.4) When 2 parts are shaded and each part is $\frac{1}{10}$, we get $2 \times \frac{1}{10} = \frac{2}{10}$.
- Choice C is correct.** (4.NF.C.5) To be between 0.4 and 0.5, a decimal must have tenths = 4. But 0.55 has tenths = 5, so it's not in the range.
- Choice D is correct.** (4.NBT.A.1) The digit 5 is in the thousands place. Its value is $5 \times 1,000 = \mathbf{5,000}$. ✓
- Choice C is correct.** (4.NBT.B.5) Use place value: $7 \times (20 + 5) = 140 + 35 = \mathbf{175}$ flowers.
- Choice B is correct.** (4.NF.B.3) The path started at $\frac{10}{12}$ meter. Rain washed away $\frac{4}{12}$ meter. What's left: $10 - 4 = 6$ twelfths, or $\frac{6}{12}$ meter.
- Choice C is correct.** (4.OA.A.1) "5 times as many" translates straight into multiplication: 5×4 . So the matching equation is $20 = 5 \times 4$ (choice C). The others use addition or subtraction.
- Choice A is correct.** (4.NF.B.4) Ava drinks $\frac{1}{4}$ cup 4 times, so we calculate $4 \times \frac{1}{4} = \frac{4 \times 1}{4} = \frac{4}{4} = 1$ cup. The answer is **1** cup.
- The correct answer is 0.** (4.G.A.3) If a letter has no line of symmetry, the number of lines is zero, so the answer is **0**.
- Choice C is correct.** (4.NF.C.5) A trailing zero in a decimal doesn't change the value: $0.7 = 0.70$. Both equal seven tenths.
- Choice D is correct.** (4.NBT.A.2) From the chart: ten-thousands: 4, thousands: 0 (omit), hundreds: 5, tens: 0 (omit), ones: 6 → "forty thousand, five hundred six" ✓
- Choice A is correct.** (4.MD.C.6) The protractor has a flat edge (the baseline) where one ray must sit. This ray should align with the 0° mark on that straight edge. The curved edge is for reading the degree measure, not for placing the rays. The answer is the straight baseline edge.
- The correct answer is $\frac{2}{4}$.** (4.MD.B.4) Count each measurement: $\frac{1}{4}$ in appears 1 time, $\frac{2}{4}$ in appears 3 times (the most!), and $\frac{3}{4}$ in appears 2 times. So $\frac{2}{4}$ in is the mode.
- The correct answer is A, D.** (4.NBT.B.4) A: In $4,567 + 2,456$, since $7 + 6 = 13$, we regroup in ones ✓. B: $5,000 - 1,234$ requires regrouping ×. C: In $6,234 + 1,567$, we write 2 in tens, not 0 ×. D: In $8,000 - 2,345$, we must regroup across zeros ✓. E: False ×. Correct: A and D.
- Choice A is correct.** (4.MD.A.2) There are 256 grams of seeds for 8 packets. Divide equally: $256 \div 8 = 32$ grams. Each packet has **32** grams of seeds.
- Choice A is correct.** (4.NF.B.4) Three containers, each holding $\frac{2}{8}$ liter, hold $3 \times \frac{2}{8} = \frac{6}{8}$, which simplifies to $\frac{3}{4}$ liters.
- Choice B is correct.** (4.NF.B.3) The container starts with water shown in the picture. When some water is removed, subtract: $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$ of the container remains filled.
- Choice A is correct.** (4.MD.C.7) The ray rotates from one angle to a smaller one. The swept angle is: $127^\circ - 39^\circ = \mathbf{88^\circ}$.
- Choice D is correct.** (4.OA.A.2) Liam's 40 pennies are 5 times the friend's amount. To find the friend's amount, divide: $40 \div 5 = 8$ pennies.
- Choice A is correct.** (4.NF.B.3) Look at the bar—the light blue section is $\frac{2}{6}$ and the dark blue is $\frac{3}{6}$. Add them: $2 + 3 = 5$, so $\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$ ✓.
- Choice D is correct.** (4.OA.B.4) Multiply each input by 2: $6 \times 2 = 12$, $8 \times 2 = 16$, so $9 \times 2 = \mathbf{18}$.
- Choice B is correct.** (4.MD.C.5) An angle of 130° is composed of **130** one-degree angles.
- Choice D is correct.** (4.OA.B.4) Find every number that divides 15 evenly. Pair them up: 1×15 and 3×5 . So the factor list is 1, 3, 5, 15. (Note that 1 and the number itself are always factors!)



From Your Math Family

Hi, Math Family Member,

◇ Welcome to a special note from your math family. You finished 3 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

PRACTICE TODAY. SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master key concepts, and gain the confidence they need to excel on any test.

With 3 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

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

PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement
- ✓ Confidence Building

★ CONFIDENCE TODAY.
SUCCESS TOMORROW!

WHAT STUDENTS WILL GAIN



Stronger Math Skills

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.



Prepare for Success

Build the confidence needed to do your best on test day.

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Decimals
- ✓ Measurement & Data
- ✓ Geometry & Shapes
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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