

5 Nevada Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five 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.

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Welcome, Nevada Math Explorer!

Five steady rounds on the Silver State math route

This book gives you five 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?

Five tests, 150 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 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	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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- 1) A regular polygon has 6 lines of symmetry. How many sides does it have?

- 2) Which expression matches the fraction $\frac{8}{10}$?

A. $2 \times \frac{1}{10}$

B. $8 \times \frac{1}{10}$

C. $10 \times \frac{1}{8}$

D. $8 \times \frac{1}{80}$

- 3) What is 87,543 rounded to the nearest hundred?

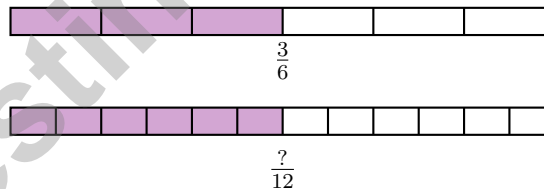
A. 88,000

B. 87,540

C. 87,600

D. 87,500

- 4) Look at the two fraction bars. Both are the same length.



What number replaces the question mark?

A. 4

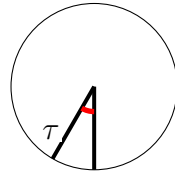
B. 5

C. 6

D. 8



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5)

What is the measure of angle τ in the diagram?

- A. 30°
 C. 60°
 B. 45°
 D. 90°

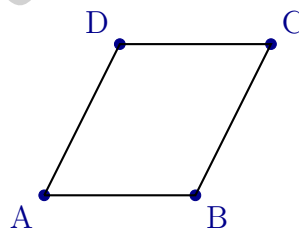
6) What does $\frac{10}{100}$ equal?

- A. $\frac{10}{10}$
 C. $\frac{0}{100}$
 B. $\frac{1}{10}$
 D. $\frac{100}{100}$

7) A store has 36 balloons. Another store has 3 times as many balloons. How many balloons does the other store have?

- A. 39
 C. 126
 B. 72
 D. 108

8) How many vertices are shown in this figure?

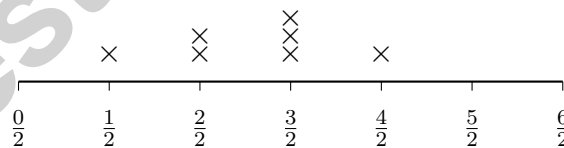


- A. 2 vertices
 C. 4 vertices
 B. 3 vertices
 D. 5 vertices



- 1) Which numeral represents “two hundred thirty-four thousand, six hundred seventy-eight”?
- A. 243,678 C. 234,687
 B. 234,768 D. 234,678
- 2) Is 43 prime or composite?
- A. Both C. Neither
 B. Composite D. Prime
- 3) Dakota has 32 beads. Dakota has 4 times as many beads as Ryan. How many beads does Ryan have?

- 4) Look at this line plot with halves:



How many measurements are less than or equal to 1 inch?

- A. 2 C. 4
 B. 3 D. 5



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5)

\$2K	\$4K	\$3K	\$2K	\$1K
Monday	Tuesday	Wednesday	Thursday	Friday

The chart shows a store's rounded daily sales, in thousands of dollars. How much more did they sell Monday through Wednesday than Thursday and Friday combined?

- A. \$6,000 C. \$10,000
 B. \$8,000 D. \$7,000

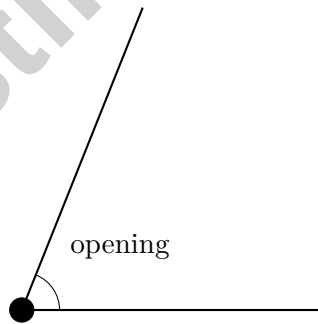
6) Subtract: $3\frac{4}{5} - 1\frac{2}{5}$

- A. $2\frac{1}{5}$ C. $2\frac{3}{5}$
 B. $2\frac{2}{5}$ D. $3\frac{2}{5}$

7) Ava buys 3 boxes of markers. Each box has 12 markers. She also buys 6 loose markers. How many markers does she have in total?

- A. 30 C. 18
 B. 36 D. 42

8)



The diagram shows an angle with a small opening. Which type of angle is this?

- A. A right angle C. An obtuse angle
 B. An acute angle D. A straight angle



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

- 1) **The correct answer is 6.** (4.G.A.3) For any regular polygon, the number of lines of symmetry equals the number of sides. A shape with 6 sides is a regular hexagon, which has exactly 6 lines of symmetry.
- 2) **Choice B is correct.** (4.NF.B.4) The numerator is 8 and the denominator is 10. This means we have 8 copies of $\frac{1}{10}$, which we write as $8 \times \frac{1}{10}$.
- 3) **Choice D is correct.** (4.NBT.A.3) We're rounding to the nearest hundred. Look at the tens digit: 4. Since $4 < 5$, we round DOWN. The hundreds digit stays at 5, giving us **87,500**. ✓
- 4) **Choice C is correct.** (4.NF.A.1) The denominator goes from 6 to 12 (multiply by 2). Multiply the numerator by 2 also: $\frac{3}{6} = \frac{3 \times 2}{6 \times 2} = \frac{6}{12}$.
- 5) **Choice A is correct.** (4.MD.C.5) The angle spans between two rays in the lower portion of the circle, measuring 30° .
- 6) **Choice B is correct.** (4.NF.C.5) Divide the numerator and denominator by 10 to simplify: $\frac{10}{100} = \frac{1}{10}$.
- 7) **Choice D is correct.** (4.OA.A.2) "3 times as many" is a multiplication signal: $3 \times 36 = 108$ balloons. *Tip:* break it apart— $3 \times 30 = 90$ and $3 \times 6 = 18$, so $90 + 18 = 108$.
- 8) **Choice C is correct.** (4.G.A.1) A vertex is a corner where two sides come together. This four-sided figure has four corners, so it has four vertices.
- 9) **Choice C is correct.** (4.MD.B.4) Count the measurements that are 1 inch or longer: we have 1 in, 1 in, $\frac{3}{2}$ in, and 1 in. That is 4 measurements total.
- 10) **Choice A is correct.** (4.MD.C.6) The ray lines up exactly with the 80° mark. Since 80° is between the 75° and 85° range and less than 90° , it's acute. The answer is **80** degrees.
- 11) **Choice D is correct.** (4.NBT.A.1) Count the blocks: 4 thousands, 1 hundreds, 6 tens, 2 ones. Add them: $4,000 + 100 + 60 + 2 = 4,162$. ✓
- 12) **Choice D is correct.** (4.NBT.A.2) The hundred-thousands and ten-thousands match. Thousands digits: $1 < 2$, so Number X is less ✓
- 13) **Choice A is correct.** (4.NF.B.4) With 4 bars, each showing $\frac{2}{4}$ shaded, we have $4 \times \frac{2}{4} = \frac{8}{4} = 2$ shaded in total.
- 14) **Choice B is correct.** (4.G.A.2) Both a square and a rhombus have four equal sides and two pairs of parallel sides. However, a square must have four right angles at each corner, while a rhombus does not have to have any right angles. The answer is **B**.
- 15) **Choice A is correct.** (4.NF.B.3) Some water spilled from the jug. Subtract the spilled amount from the total: $2\frac{2}{5} - 1\frac{1}{5} = 1\frac{1}{5}$ gallons remain.
- 16) **The correct answer is 10.** (4.OA.A.3) Two steps! Step 1: total rolls: $3 \times 28 = 84$ rolls. Step 2: pack into boxes of 8: $84 \div 8 = 10$ remainder 4. The 4 extra rolls don't fill a box, so they fill **10** complete boxes.
- 17) **Choice D is correct.** (4.OA.B.4) The pattern repeats every 3 items. Position $11 \div 3 = 3$ remainder 2, so the 11th item is the 2nd color: blue. ✓
- 18) **The correct answer is A, D.** (4.NF.B.3) A: $3 + 4 = 7$ ✓. D: Seven unit tenths: $7 \times \frac{1}{10}$ ✓. Both work!
- 19) **Choice C is correct.** (4.MD.A.2) Day one: 120 miles. Day two: 145 miles. Add: $120 + 145 = 265$ miles. The total distance is **265** miles.
- 20) **Choice D is correct.** (4.OA.A.1) Step 1: find the guppies: $8 \times 6 = 48$. Step 2: "how many more" is a subtraction: $48 - 8 = 40$. The store has **40** more guppies than goldfish.
- 21) **Choice B is correct.** (4.NF.C.5) The tenths place is the same for both (2 tenths). Compare the hundredths: $7 > 2$, so $0.27 > 0.22$. Lin's apple is heavier.
- 22) **Choice A is correct.** (4.MD.C.5) If Mia's angle contains 92 one-degree angles, its measure is **92°** .
- 23) **Choice B is correct.** (4.MD.C.5) In $\angle ABC$, point B is the vertex because it's the middle letter.
- 24) **The correct answer is 4,655.** (4.NBT.B.4) Regroup carefully across the zeros: $7,000 - 2,345 = 4,655$.
- 25) **Choice D is correct.** (4.MD.A.3) Fencing needed = $2(8) + 2(4) = 16 + 8 = 24$ ft.
- 26) **Choice A is correct.** (4.NF.B.3) Add the wholes: $2 + 3 = 5$. Add the fractions: $\frac{4}{10} + \frac{5}{10} = \frac{9}{10}$. The total is **$5\frac{9}{10}$** meters.



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From Your Math Family

Hi, Math Family Member,

◇ Welcome to a special note from your math family. You finished 5 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

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

With 5 full-length practice tests, a variety of question types, and detailed answer explanations, students get the practice they need to understand math, strengthen critical thinking, and perform their best on test day and beyond.

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

PERFECT FOR:

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

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SUCCESS TOMORROW!

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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.



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Measure growth across multiple practice tests.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



Prepare for Success

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

TOPICS COVERED

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- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



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Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+