

3

New Jersey

NJSLA

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

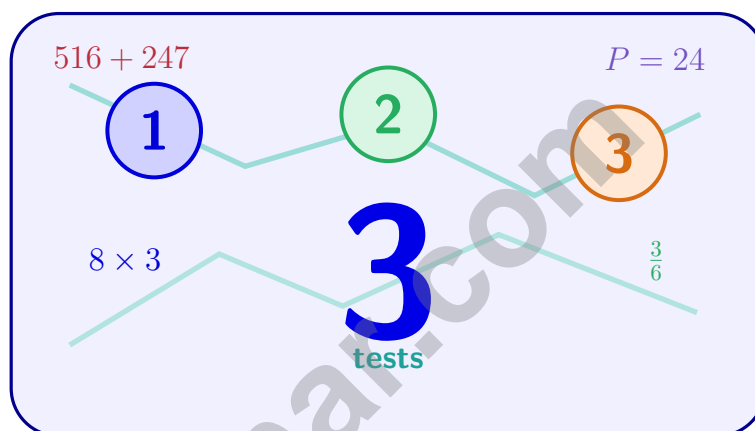
$$a^2 + b^2 = c^2$$

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



3 New Jersey NJSLA 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, New Jersey NJSLA 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, New Jersey Math Explorer!

Three steady rounds on the Garden State math route

This book gives you three full Grade 3 practice tests for NJSLA. Each round uses shore walks, boardwalk patterns, and quick strategy checks to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

New Jersey 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 New Jersey NJSLA 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 Garden 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 NJSLA 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.



Scan me!
For more practice
& answers

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1) What symbol makes this true? 0.38 ____ 0.37

A. $>$

B. $<$

C. $=$

D. Cannot compare

2) What is $7 \times \frac{1}{3}$ as a fraction?

3) Which pattern shows only odd numbers?

A. 2, 4, 6, 8, 10

B. 1, 3, 5, 7, 9

C. 2, 3, 4, 5, 6

D. 5, 10, 15, 20, 25

4) Calculate $4 \times \frac{2}{3}$ as a mixed number.

5) Estimate first, then find the exact answer: $48,765 + 31,234 = ?$

A. 79,999

B. 80,000

C. 79,899

D. 80,099



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6) Is 29 prime or composite?

- A. Not possible C. Neither
 B. Composite D. Prime

7) Nina has 4 apples. Her friend Tara has 6 times as many apples. How many apples does Tara have?

- A. 10 C. 20
 B. 2 D. 24

8) An artist draws an angle that measures 158° . She marks a line that splits this angle into two parts. If one part is 84° , what is the measure of the other part?

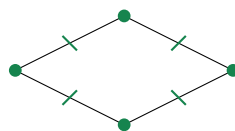
- A. 74° C. 84°
 B. 242° D. 90°

9) Which diagram shows two perpendicular lines?



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

10) Look at the shape shown. It is a quadrilateral with four equal sides but no right angles. What is it?



All sides equal

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

4) What is the rule for this pattern? 9, 18, 27, 36, 45, ...

- A. Add 8
- B. Multiply by 3
- C. Multiply by 2
- D. Add 9 (multiples of 9)

5) Which fraction is closest to 1 whole?

- A. $\frac{4}{6}$
- B. $\frac{5}{8}$
- C. $\frac{6}{10}$
- D. $\frac{3}{4}$

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

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

7) Mia arranged 24 stickers into arrays. Which array does NOT show a factor pair of 24?

A. 4×6



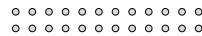
B. 5×5



C. 3×8



D. 2×12



- A. 4×6
- B. 5×5
- C. 3×8
- D. 2×12

8) Estimate the quotient of $4,156 \div 4$ using compatible numbers.

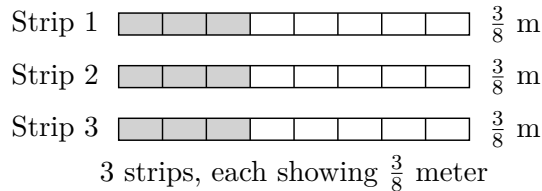
- A. About 1,000
- B. About 800
- C. About 1,100
- D. About 1,200



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6) What is 9,345 rounded to the nearest hundred?

- A. 9,000 C. 9,400
 B. 9,350 D. 9,300

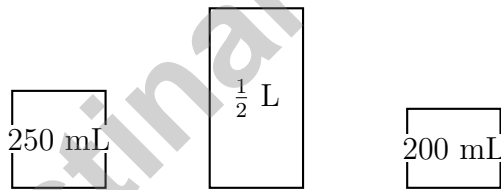


7)

Each ribbon strip is $\frac{3}{8}$ meter. What is the total length of 3 strips?

- A. $\frac{9}{8}$ meters (or $1\frac{1}{8}$ meters) C. $\frac{9}{24}$ meter
 B. $\frac{3}{24}$ meter D. $\frac{3}{3}$ meter

Liquid Containers



8)

Container A Container B Container C

If you pour all three containers together, how many milliliters of liquid do you have in total?

- A. 450 mL C. 750 mL
 B. 650 mL D. 950 mL



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.C.5) The tenths place is the same (3 tenths for both). Compare the hundredths: $8 > 7$, so $0.38 > 0.37$.
- The correct answer is $\frac{7}{3}$.** (4.NF.B.4) When we multiply $7 \times \frac{1}{3}$, we get 7 copies of $\frac{1}{3}$. This is written as the fraction $\frac{7}{3}$.
- Choice B is correct.** (4.OA.B.4) Odd numbers end in 1, 3, 5, 7, or 9. Choice B has 1, 3, 5, 7, 9—all odd. Choices A, C, D each contain at least one even number.
- The correct answer is $2\frac{2}{3}$.** (4.NF.B.4) We take 4 copies of $\frac{2}{3}$. Multiply: $4 \times \frac{2}{3} = \frac{4 \times 2}{3} = \frac{8}{3} = 2\frac{2}{3}$. The answer is $2\frac{2}{3}$.
- Choice A is correct.** (4.NBT.B.4) Estimate: $49,000 + 31,000 \approx 80,000$. Then add carefully: $48,765 + 31,234 = 79,999$.
- Choice D is correct.** (4.OA.B.4) Test the small primes: 29 is odd (not $\div 2$); $2 + 9 = 11$ (not $\div 3$); doesn't end in 0 or 5 (not $\div 5$); $7 \times 4 = 28$, $7 \times 5 = 35$, no 7. So 29 has only factors 1 and 29—**prime**.
- Choice D is correct.** (4.OA.A.1) “6 times as many” tells us to multiply. Tara has 6 groups of Nina’s 4 apples: $4 \times 6 = 24$ apples.
- Choice A is correct.** (4.M.B.6) The line splits the angle into two parts. Subtract to find the missing part: $158^\circ - 84^\circ = 74^\circ$.
- Choice A is correct.** (4.G.A.1) Perpendicular lines cross at a right angle — exactly 90° — and you can spot them by the tiny square symbol at the corner. Diagram A shows this perfect corner square.
- Choice C is correct.** (4.G.A.2) A rhombus has four equal sides and two pairs of parallel sides, but does not require right angles. The figure shows equal sides marked on all four sides with no right angles, which defines a rhombus. The answer is C.
- Choice D is correct.** (4.NBT.B.6) Use long division: $20 \div 7 = 2$ r6, bring down the 4 to get $64 \div 7 = 9$ r1, bring down the 7 to get $17 \div 7 = 2$ r3. The remainder is **3**.
- Choice D is correct.** (4.NBT.A.3) We’re rounding to the nearest ten thousand. Look at the thousands digit: 5. Since $5 \geq 5$, we round UP! The ten thousands digit changes from 5 to 6, giving us **60,000**. ✓
- Choice B is correct.** (4.M.B.4) This angle is acute because it has a small opening, smaller than a right angle (90 degrees).
- Choice B is correct.** (4.M.B.4) This reflex angle measures 270° , which means it is made of **270** one-degree angles.
- Choice C is correct.** (4.OA.A.3) The tape diagram shows 7 guitars at \$6 each—“each” with a count is a multiplication clue. Step 1: set up: $7 \times \$6$. Step 2: solve: $7 \times 6 = 42$, so the store spends \$42. *Quick check:* $\$42 \div 7 = \6 per guitar. ✓
- The correct answer is A, C.** (4.M.A.3) Check A: Area = $10 \times 6 = 60$ sq ft ✓ Check C: Perimeter = $2(10) + 2(6) = 32$ ft ✓ The other options are incorrect.
- Choice C is correct.** (4.M.B.4) $\frac{7}{12} + \frac{1}{12} = \frac{8}{12} = \frac{2}{3}$ of a full turn. $\frac{2}{3} \times 360^\circ = 240^\circ$.
- Choice A is correct.** (4.M.B.5) A protractor is the special tool we use to measure angles in whole-number degrees. The ruler measures length and the compass draws circles, but only the protractor shows us how many degrees are in an angle.
- Choice D is correct.** (4.NBT.B.5) Distribute: $38 \times (20 + 5) = 760 + 190 = 950$.
- Choice B is correct.** (4.NF.B.4) The number line shows 5 equal jumps, each of $\frac{1}{6}$, landing at $\frac{5}{6}$. This represents $5 \times \frac{1}{6} = \frac{5}{6}$.
- Choice C is correct.** (4.M.A.2) The number line shows the walker goes 7 km in the morning and 5 km in the afternoon. Add: $7 + 5 = 12$ km. The final distance is **12** kilometers.
- Choice C is correct.** (4.G.A.3) A regular pentagon (5 equal sides) has five lines of balance. Each line passes through one corner and the middle of the opposite side. The answer is **5** lines of symmetry.
- Choice B is correct.** (4.NF.B.3) Add the numerators: $8 + 3 = 11$. With the same denominator, we get $\frac{11}{12}$.
- Choice B is correct.** (4.NF.C.5) Forty-five hundredths is written as 0.45.
- The correct answer is $\frac{8}{9}$.** (4.NF.B.3) Maya painted her bedroom wall over two days. Add the fractions with like denominators: $\frac{6}{9} + \frac{2}{9} = \frac{8}{9}$ of the wall was painted in total.
- Choice D is correct.** (4.M.A.1) Since 1 cup = 16 tablespoons, multiply: $3 \times 16 = 48$ tablespoons. The answer is **48** tablespoons.



Hi, Brave Trail-Walker!

◇ You walked all 3 miles of the practice trail. Smooth paths, steep climbs, narrow passes. Every step taught you something. ◇

★ **Trail guides know:** the most important thing is to keep moving. Slow steps still get you there. You have a steady stride now. ★

Trail Survey

- **Route Knowledge:** You know lots of problem types.
- **Steady Pace:** You don't rush. You don't stop.
- **Pack Loaded:** You have all the math tools you need.
- **Confidence:** You trust your training.

Guide's tip: on test day, stay on the trail you've walked before. Use the strategies you've practiced. Trust the route. The summit is one steady walk away!

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. 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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for additional Grade 4 math resources and practice materials.

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Give your child the tools needed to develop strong math skills, confidence, and a positive attitude toward learning.



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STANDARDS-
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MIXED PRACTICE
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ANSWER KEY
INCLUDED