

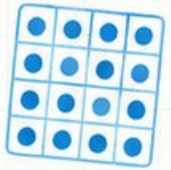
# 10

$$7 \times 8 = 56$$

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



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



## New Jersey



## NJSLA



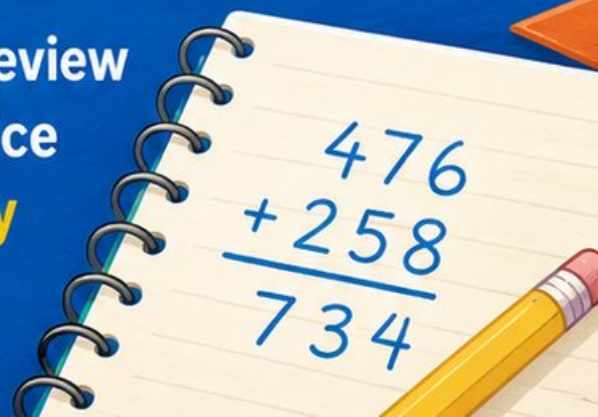
## GRADE 4



## MATH

### PRACTICE TESTS

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



# 10 New Jersey NJSLA Grade 4 Math Practice Tests

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



Ten complete 30-question Grade 4 practice rounds for NJSLA, built around shore walks, boardwalk patterns, and quick strategy checks, with answer keys and clear explanations for every item.

**Jay Daie and Reza Nazari**



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# Welcome, New Jersey Math Explorer!

Ten steady rounds on the Garden State math route

This book gives you ten full Grade 4 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?

Ten tests, 300 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 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 New Jersey 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.



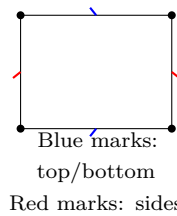
Scan me!  
For more practice  
& answers

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5) Look at the shape with tick marks. The tick marks show:



- A. Opposite sides are equal       C. Adjacent sides are equal  
 B. All sides are equal       D. No sides are equal
- 6) What is  $3 \times 456$ ?

- A. 1450       C. 1512  
 B. 1600       D. 1368



7)

A fabric strip shows three equal parts. The red part is  $\frac{2}{6}$  and the blue part is  $\frac{2}{6}$ . What fraction is white?

- A.  $\frac{2}{6}$        C.  $\frac{1}{6}$   
 B.  $\frac{4}{6}$        D.  $\frac{3}{6}$
- 8) A single marble weighs  $\frac{2}{6}$  ounce. What is the weight of 3 marbles?

- A.  $\frac{2}{18}$  ounce       C.  $\frac{3}{6}$  ounce (or  $\frac{1}{2}$  ounce)  
 B.  $\frac{6}{6}$  ounce (or 1 ounce)       D.  $\frac{5}{6}$  ounce





1) Two angles are adjacent and form a larger angle. One angle is  $56^\circ$  and the other is  $34^\circ$ . What is the sum?

A.  $90^\circ$

C.  $100^\circ$

B.  $22^\circ$

D.  $56^\circ$

2) A rectangle has an area of 63 square feet. The length is 9 feet. What is the width?

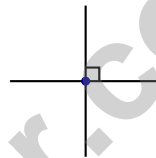
A. 6 ft

C. 9 ft

B. 8 ft

D. 7 ft

3) Two perpendicular lines intersect. How many right angles are formed?



A. 1 right angle

C. 3 right angles

B. 2 right angles

D. 4 right angles

4) What is  $9,876 - 5,432$ ?

A. 4,344

C. 5,444

B. 4,434

D. 4,444



Scan me!  
For more practice  
& answers



1) What is  $3,456 \div 4$ ?

A. 836

C. 856

B. 846

D. 864

2) Write  $\frac{9}{10}$  as a decimal.

3) A fraction bar is divided into 6 equal parts with 4 parts shaded. Express this as a multiplication of a unit fraction.

A.  $4 \times \frac{1}{6}$

C.  $2 \times \frac{1}{6}$

B.  $6 \times \frac{1}{4}$

D.  $6 \times \frac{1}{6}$

4) Look at this addition with regrouping: 
$$\begin{array}{r} 4,567 \\ +2,345 \\ \hline \end{array}$$
 What is the sum?

A. 6,912

C. 7,012

B. 6,812

D. 6,922

5) What number is  $100,000 + 20,000 + 3,000 + 0 + 50 + 0$ ?

A. 123,500

C. 123,050

B. 102,350

D. 120,350





## 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.DL.B.5) Look at the line plot where  $\frac{3}{8}$  is marked. Count the X marks stacked above it: there are **3** marks.
- Choice D is correct.** (4.NF.A.1) Multiply both numerator and denominator by 2 to get a denominator of 10:  $\frac{1}{5} = \frac{1 \times 2}{5 \times 2} = \frac{2}{10}$ .
- Choice A is correct.** (4.NF.C.5) Tenths place has more weight than hundredths, so we always compare tenths first. Group by tenths: 0.1 and 0.15 start with 1 tenth (smaller group), while 0.5 and 0.51 start with 5 tenths (larger group). Within each group, compare hundredths:  $0.10 < 0.15$  and  $0.50 < 0.51$ . So the order from smallest to largest is 0.1, 0.15, 0.5, 0.51. ✓
- Choice C is correct.** (4.NF.B.3) Add the wholes:  $3 + 2 = 5$ . Add the fractions:  $\frac{5}{12} + \frac{4}{12} = \frac{9}{12}$ . The sum is  $5\frac{9}{12}$ .
- Choice A is correct.** (4.G.A.2) The blue tick marks appear on opposite sides (top and bottom), and the red tick marks appear on the opposite sides (left and right). This pattern indicates that opposite sides are equal in length. The answer is **A**.
- Choice D is correct.** (4.NBT.B.5) Use partial products:  $3 \times (400 + 50 + 6) = 1200 + 150 + 18 = \mathbf{1368}$ .
- Choice A is correct.** (4.NF.B.3) The fabric strip shows three parts. Red and blue are filled, white is empty. Step 1: Add the colored parts:  $\frac{2}{6} + \frac{2}{6} = \frac{4}{6}$ . Step 2: Subtract from the whole:  $\frac{6}{6} - \frac{4}{6} = \frac{2}{6}$  is white.
- Choice B is correct.** (4.NF.B.4) Three marbles, each weighing  $\frac{2}{6}$  ounce, give us  $3 \times \frac{2}{6} = \frac{6}{6} = 1$  ounce.
- Choice D is correct.** (4.NBT.A.1) From the chart, read the digits left to right: thousands 3, hundreds 5, tens 2, ones 6. This forms **3,526**. ✓
- Choice D is correct.** (4.NF.B.4) We take 7 copies of  $\frac{1}{5}$ . Multiply:  $7 \times \frac{1}{5} = \frac{7 \times 1}{5} = \frac{7}{5} = 1\frac{2}{5}$ . The answer is  $1\frac{2}{5}$ .
- Choice C is correct.** (4.M.A.1) Since 1 liter = 1,000 milliliters, multiply:  $2 \times 1,000 = 2,000$  mL. The answer is **2,000** mL.
- Choice D is correct.** (4.NBT.A.2) The hundred-thousands and ten-thousands match. Thousands digits:  $1 < 2$ , so Number X is less ✓
- The correct answer is 8,600.** (4.NBT.A.3) We're rounding to the nearest hundred. Look at the tens digit: 4. Since  $4 < 5$ , round DOWN. Ming has about **8,600** stickers. ✓
- Choice B is correct.** (4.M.B.6) The two folds meet at a point. Combine their angles:  $70^\circ + 20^\circ = \mathbf{90^\circ}$ .
- Choice B is correct.** (4.M.A.3) From  $54 = \ell \times 6$ : Divide to get  $\ell = 54 \div 6 = 9$  ft.
- The correct answer is A, B.** (4.G.A.3) Choice A is correct because a regular pentagon has exactly 5 lines of symmetry. Choice B is correct because a regular hexagon has exactly 6. Choice C is wrong (equilateral triangles have 3, not 6). Choice D is wrong (regular octagons have 8, not 4). Choice E is wrong because different regular polygons have different numbers of symmetry lines!
- Choice A is correct.** (4.NBT.B.4) Start in the ones place:  $0 < 5$ , so regroup one ten as 10 ones. Then subtract from right to left carefully. The answer is **4,835**.
- Choice C is correct.** (4.NF.B.4)  $6 \times \frac{1}{10} = \frac{6}{10}$ , so they're exactly equal!
- Choice B is correct.** (4.NF.B.3) The jug was  $\frac{8}{10}$  full. After pouring,  $\frac{3}{10}$  remains. So:  $8 - 3 = 5$  tenths poured out, or  $\frac{5}{10}$  of the jug.
- Choice A is correct.** (4.NF.B.3) The thick line splits the bar in two. Left side:  $\frac{3}{10}$ . Right side:  $\frac{4}{10}$ . Total:  $3 + 4 = 7$ , so  $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$ . ✓
- Choice D is correct.** (4.OA.B.4) We need a number that pairs with 3 to make 18. Ask:  $3 \times ? = 18$ . Since  $3 \times 6 = 18$ , the missing factor is **6**.
- The correct answer is Liam.** (4.NF.A.1) Use denominator 60:  $\frac{3}{4} = \frac{45}{60}$ ,  $\frac{4}{5} = \frac{48}{60}$ ,  $\frac{5}{6} = \frac{50}{60}$ . Since  $45 < 48 < 50$ , Liam ran the shortest distance.
- Choice D is correct.** (4.OA.A.3) Two separate questions in one—both use multiplication! Step 1: total weight = 3 bags  $\times$  16 ounces = 48 ounces. Step 2: total money = 3 bags  $\times$  \$4 = \$12. So the answer must include both pieces: 48 ounces and \$12.
- The correct answer is  $\frac{42}{100}$ .** (4.NF.C.5) The decimal 0.42 means 42 hundredths, so the fraction is  $\frac{42}{100}$ .



**Inventor's Workshop Note**

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**Hi, Math Inventor!**

◇ 10 practice tests. 10 chances to invent new ways to think. You tried things. You changed them. You made your math brain stronger! ◇

★ **Inventors know:** the first try isn't always the best try. Sometimes you fix it. Sometimes you start over. You did all of that! ★

**Inventor's Workshop**

- **Sketch Pad:** Full of ideas!
- **Toolbox:** Lots of math strategies.
- **Workbench:** Neat and organized.
- **Brave Mind:** You try new things.

**Inventor tip:** on test day, if your first try doesn't work, switch tools. Inventors don't get stuck on one tool. Pick the right one for the job!

If you want to share something or ask a question, please email me at [jay@testinar.com](mailto:jay@testinar.com).

**Jay Daie**

Your Math Inventor

# 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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### Achieve Success

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