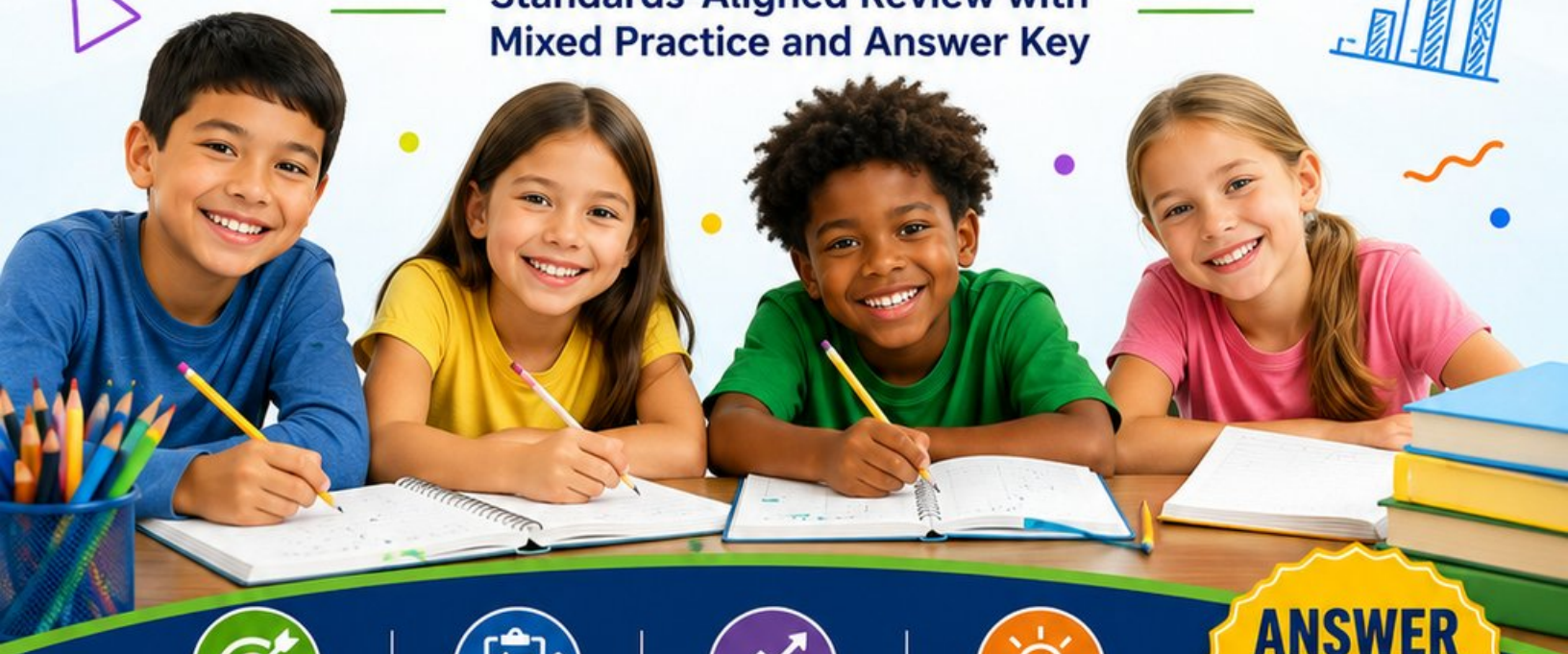
7 New Jersey NJSLA GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with Mixed Practice and Answer Key



- 7 Full-Length Practice Tests
- Standards-Aligned
- Build Confidence and Skills
- Mixed Question Types

ANSWER KEY INCLUDED

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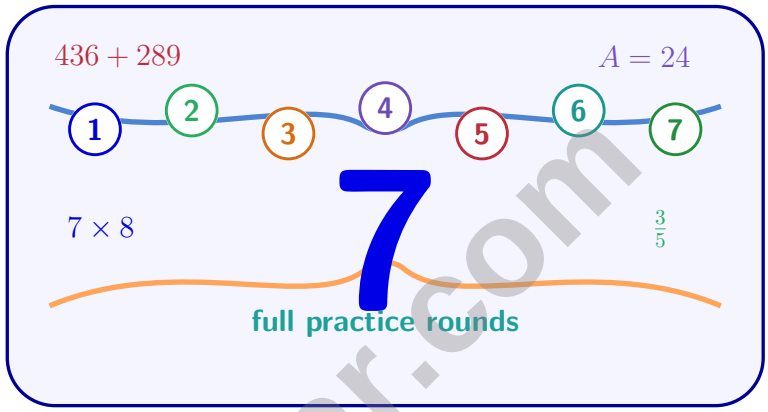
Standards-Aligned Review with Mixed Practice and Answer Key



Seven 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!

Seven steady rounds on the Garden State math route

This book gives you seven 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.

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?

Seven tests, 210 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 5–7	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.

Table of Contents

1) Which is a prime number between 20 and 30?

☐ A. 21 ☐ C. 24
☐ B. 22 ☐ D. 29

2) A team sells 8 boxes of cookies at a bake sale. Each box costs $9. They split the money equally among 3 class projects. How much money does each project get?

☐ A. $18 ☐ C. $27
☐ B. $32 ☐ D. $24

3) A pattern rule is "multiply by 3 then subtract 2." If the input is 5, what is the output?

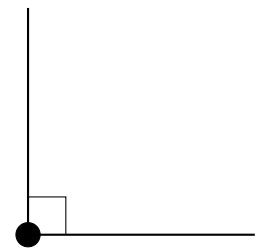
☐ A. 10 ☐ C. 15
☐ B. 17 ☐ D. 13

4) Which numeral matches "ninety-eight thousand, seven hundred sixty-one"?

Ten-Thousands	Thousands	Hundreds	Tens	Ones
9	8	7	6	1

☐ A. 98,176 ☐ C. 98,717
☐ B. 98,671 ☐ D. 98,761

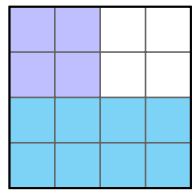
5)



Which of the following has the same size as the angle shown?

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

6) A 4×4 grid has 16 equal squares. The shaded part is decomposed into two regions:



Which shows the decomposition?

☐ A. $\frac{4}{16} + \frac{8}{16}$
☐ B. $\frac{6}{16} + \frac{10}{16}$
☐ C. $\frac{12}{16} + \frac{4}{16}$
☐ D. $\frac{8}{16} + \frac{8}{16}$

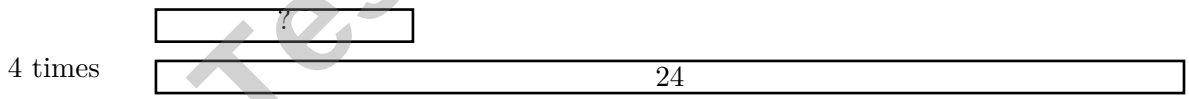
7) Maria has 3 stickers. Sam has 2 times as many stickers as Maria. How many stickers does Sam have?

☐ A. 3
☐ B. 5
☐ C. 4
☐ D. 6

8) A box of cereal weighs 6 kilograms. How many grams is this?

☐ A. 600
☐ B. 6,000
☐ C. 60,000
☐ D. 600,000

9)



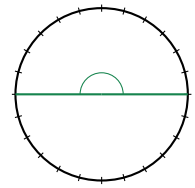
A fruit stand has 24 apples. The number of apples is 4 times the number of oranges. How many oranges are there?

☐ A. 4
☐ B. 12
☐ C. 8
☐ D. 6

10) How many copies of $\frac{1}{6}$ are in $\frac{5}{6}$?

☐ A. 1
☐ B. 5
☐ C. 6
☐ D. $\frac{1}{5}$

11)



A straight angle is shown with degree tick marks. How many one-degree angles form a straight angle?

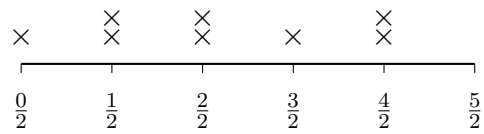
☐ A. 90 one-degree angles
☐ B. 180 one-degree angles
☐ C. 270 one-degree angles
☐ D. 360 one-degree angles

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

☐ A. 2
☐ B. 4
☐ C. 6
☐ D. 8

13) Complete the number sentence: $\frac{3}{5} = \frac{?}{15}$

1) Look at this line plot with halves:



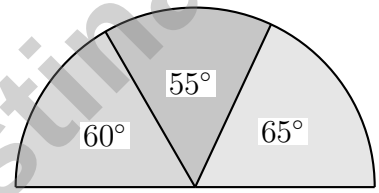
How many data points have a value of 1 inch or less?

☐ A. 3
☐ B. 4
☐ C. 5
☐ D. 6

2) Turning $\frac{1}{3}$ of the way around a circle equals how many degrees?

☐ A. 60°
☐ B. 120°
☐ C. 180°
☐ D. 240°

3) Look at the pie chart diagram. Three slices have angles of 65°, 55°, and 60°.

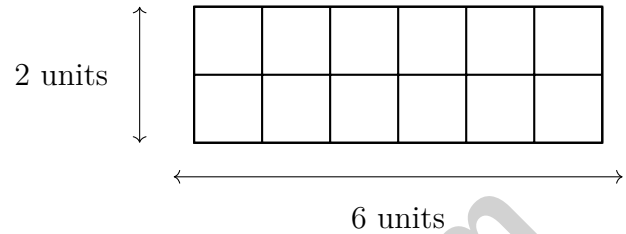


What is the combined angle measure of these three slices?

☐ A. 120°
☐ B. 180°
☐ C. 145°
☐ D. 200°

4) A farm sells 2,160 eggs in cartons of 6 eggs each. How many cartons can they fill?

5)



Each small square is 1 square unit. What is the area of the rectangle?

☐ A. 8 sq units
☐ B. 10 sq units
☐ C. 12 sq units
☐ D. 16 sq units

6) Diego ran 3,456 meters on Monday and 2,789 meters on Wednesday. How much farther did he run on Monday?

☐ A. 667 meters
☐ B. 767 meters
☐ C. 677 meters
☐ D. 777 meters

1) What is the name of the point where the two rays of an angle meet?

☐ A. The arc
☐ B. The side
☐ C. The vertex
☐ D. The interior

2) Which number sentence is true?

☐ A. $\frac{4}{6} = \frac{6}{8}$
☐ B. $\frac{3}{6} = \frac{4}{10}$
☐ C. $\frac{4}{10} = \frac{2}{5}$
☐ D. $\frac{5}{8} = \frac{10}{12}$

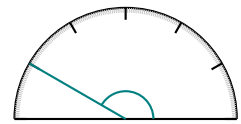
3) A pizza box is a rectangle with a length of 14 inches and a width of 14 inches. What is the area of the box?

☐ A. 196 sq in
☐ B. 228 sq in
☐ C. 56 sq in
☐ D. 28 sq in

4) Two rays form an angle of 127°. One ray is rotated to create a smaller angle of 39° with the other ray. What is the angle that was swept during the rotation?

☐ A. 88°
☐ B. 166°
☐ C. 39°
☐ D. 90°

5)



Which angle classification fits the angle shown above?

☐ A. Acute
☐ B. Right
☐ C. Obtuse
☐ D. Straight

6) Which shows $\frac{7}{8}$ decomposed correctly?

☐ A. $\frac{4}{8} + \frac{3}{8}$
☐ B. $\frac{5}{8} + \frac{3}{8}$
☐ C. $\frac{6}{8} + \frac{2}{8}$
☐ D. $\frac{3}{8} + \frac{3}{8}$

7) A rotation of $\frac{5}{12}$ of a full turn equals how many degrees?

☐ A. 90°
☐ B. 120°
☐ C. 150°
☐ D. 180°

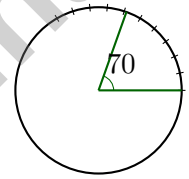
8) What is $2 \times \frac{2}{5}$?

☐ A. $\frac{2}{10}$
☐ B. $\frac{4}{5}$
☐ C. $\frac{2}{5}$
☐ D. $\frac{4}{10}$

9) Which of the following equals $\frac{11}{12}$?

☐ A. $11 + \frac{1}{12}$
☐ B. $11 \times \frac{1}{12}$
☐ C. $\frac{1}{11} \times 12$
☐ D. $\frac{12}{11}$

10)



The angle shown measures 70 degrees. How many one-degree angles is this?

☐ A. 35 one-degree angles
☐ B. 70 one-degree angles
☐ C. 140 one-degree angles
☐ D. 7 one-degree angles

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.

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

1) **Choice D is correct.** 4.OA.B.4 Test each: $21 = 3 \times 7$ (composite); $22 = 2 \times 11$ (composite); $24 = 2 \times 12$ (composite); 29 has no factors besides 1 and itself—**prime!**
2) **Choice D is correct.** 4.OA.A.3 Two steps! Step 1: total money raised: 8 boxes $\times \$9 = \$72$. Step 2: split equally among 3 projects: $\$72 \div 3 = \$24$ per project.
3) **Choice D is correct.** 4.OA.B.4 Apply "multiply by 3 then subtract 2" to input 5: Step 1: $5 \times 3 = 15$. Step 2: $15 - 2 = \mathbf{13}$.
4) **Choice D is correct.** 4.NBT.A.2 From the place-value table: ten-thousands: 9, thousands: 8, hundreds: 7, tens: 6, ones: $1 \rightarrow 98{,}761$ ✓
5) **Choice B is correct.** 4.M.B.4 The angle shown has a perfect square corner, which is a right angle.
6) **Choice A is correct.** 4.NF.B.3 Count the shaded squares. Light: 4 squares out of 16. Dark: 8 squares. Together: $4 + 8 = 12$, so $\frac{4}{16} + \frac{8}{16} = \frac{12}{16}$ ✓.
7) **Choice D is correct.** 4.OA.A.1 "2 times as many" is your signal to multiply. Sam has 2 groups of Maria's 3 stickers: $2 \times 3 = 6$. So Sam has **6** stickers.
8) **Choice B is correct.** 4.M.A.1 Since 1 kilogram = 1,000 grams, multiply: $6 \times 1{,}000 = 6{,}000$ g. The answer is **6,000** g.
9) **Choice D is correct.** 4.OA.A.2 The longer bar (24 apples) is 4 equal pieces, each one orange-group's size. To find one piece, divide: $24 \div 4 = 6$ oranges.
10) **Choice B is correct.** 4.NF.B.4 The fraction $\frac{5}{6}$ means 5 copies of the unit fraction $\frac{1}{6}$, so $\frac{5}{6} = 5 \times \frac{1}{6}$. The answer is **5** copies.
11) **Choice B is correct.** 4.M.B.4 A straight angle is a 180° angle, meaning it turns through **180** one-degree angles.
12) **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**.
13) **The correct answer is 9.** 4.NF.A.1 The denominator changes from 5 to 15. What times 5 makes 15? $5 \times 3 = 15$. So multiply the numerator by 3: $3 \times 3 = 9$.
14) **Choice A is correct.** 4.M.B.6 Split the angle equally into 3 parts: $99° \div 3 = \mathbf{33}°$.
15) **Choice A is correct.** 4.NF.B.4 The bar shows that one ribbon is $\frac{3}{4}$ yard. With 2 ribbons like this, we get $2 \times \frac{3}{4} = \frac{6}{4} = 1\frac{1}{2}$ yards.
16) **Choice B is correct.** 4.NF.C.5 0.4 sits right in the middle: it's bigger than 0.3 but smaller than 0.5.
17) **The correct answer is A, C.** 4.NBT.B.4 A: $5{,}234 + 2{,}345 = 7{,}579$ ✓. B: $6{,}789 + 2{,}456 = 9{,}245$ (wrong). C: $8{,}123 + 1{,}234 = 9{,}357$ ✓. D: $9{,}000 + 3{,}456 = 12{,}456$ (wrong). E: $4{,}567 + 3{,}456 = 8{,}023$ (wrong). Correct answers: A and C.
18) **The correct answer is 645.** 4.NBT.B.5 Identify the multiplication: 15 rows with 43 plants each. Calculate: $15 \times 43 = 15 \times (40 + 3) = 600 + 45 = \mathbf{645}$ plants.
19) **Choice B is correct.** 4.NF.C.5 The bar is split into 10 equal sections with 5 shaded. This represents $\frac{5}{10}$.
20) **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**. ✓
21) **Choice B is correct.** 4.NF.B.3 The yard has green and yellow sections. Step 1: Add the colored parts: $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$. Step 2: Subtract from the whole yard: $\frac{4}{4} - \frac{3}{4} = \frac{1}{4}$ is not colored.
22) **Choice A is correct.** 4.G.A.3 This trapezoid has two slanted sides of different lengths (legs), making it lopsided. No fold line can create two matching halves. The answer is **0** lines of symmetry.
23) **Choice A is correct.** 4.NF.A.1 Same numerator (2): smaller denominator means bigger pieces. Since $3 < 5$, $\frac{2}{3} > \frac{2}{5}$. Rio's statement is correct!
24) **Choice A is correct.** 4.NF.B.3 The student added the denominators by mistake: $4 + 4 = 8$. That's the trap! With like denominators, keep it the same. Correct: $2 + 3 = 5$ numerators, same denominator gives $\frac{5}{4}$, not $\frac{5}{8}$.
25) **The correct answer is $4\frac{8}{10}$.** 4.NF.B.3 Add the whole parts to get 4 and the fraction parts to get $\frac{8}{10}$. The answer is $\mathbf{4\frac{8}{10}}$.

Author's Note

A Note From Your Math Friend

Hi, Math Star!

◇ Wow! You finished 7 full practice tests. That is a LOT of math problems. You worked hard, and your brain got stronger every time. ◇

⋆ **Here is a big idea:** mistakes are okay! Every time you got something wrong, you got smarter. Through 7 tests, you learned that trying is the most important thing. ⋆

Look What You Did!

- **Hard Worker:** You did not give up!
- **Smart Thinker:** You used your math tools.
- **Brave Learner:** You tried hard problems.
- **Test Ready:** You feel proud and prepared.

Big tip for test day: take your time. Read each problem twice. Show your work. Check your answer. You can do this!

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

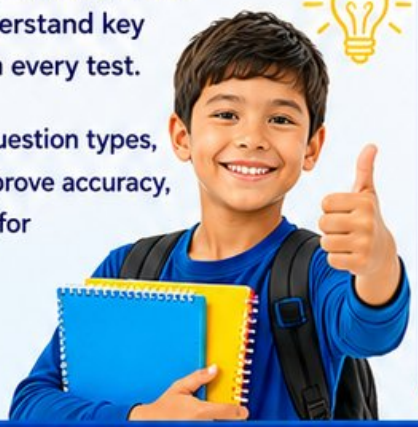
Jay Daie

Your Math Friend

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



PERFECT FOR:

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

CONFIDENCE IN MATH. SUCCESS FOR LIFE.

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.

Track Progress
Measure growth across multiple practice tests.

Academic Success
Strengthen skills needed for future learning.

TOPICS COVERED

- Place Value & Number Sense
- Multi-Digit Addition & Subtraction
- Multiplication & Division
- Fractions & Equivalent Fractions
- Decimals & Comparing Numbers
- Geometry & Shapes
- Measurement & Data
- Perimeter & Area
- Word Problems
- Patterns & Algebraic Thinking
- Graphs & Data Interpretation
- And More!

Visit **testinar.com/math4** for additional Grade 4 math resources and practice materials.

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

- 7 Full-Length Practice Tests
- Standards-Aligned
- Build Confidence and Skills
- Mixed Question Types
- Answer Key Included