

8

New Jersey

NJSLA

GRADE 4

PRACTICE TESTS



1

$$2 \times 3 = 6$$

3

5

$$2 \times 3 = 6$$

2

4



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

**COMPREHENSIVE
TEST PREP**

Includes Solutions

8 New Jersey NJSLA Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Eight 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!

Eight steady rounds on the Garden State math route

This book gives you eight 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?

Eight tests, 240 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 6–8	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) Three hops of $\frac{1}{4}$ land at what fraction?

2) A baker made 36 muffins. This is 9 times as many as yesterday. How many muffins did the baker make yesterday?

A. 45

C. 324

B. 27

D. 4

3) Round 52,834 to the nearest hundred.

A. 53,000

C. 52,900

B. 52,834

D. 52,800

4) What is $\frac{4}{10}$ as a fraction with denominator 100?

A. $\frac{4}{100}$

C. $\frac{40}{100}$

B. $\frac{14}{100}$

D. $\frac{44}{100}$

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



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6) Which metric measurement is the longest?

- A. 2 kilometers C. 3,500 meters
 B. 9,000 meters D. 15 kilometers

7) A factory produced 18 dolls in the morning. In the afternoon, they produced 2 times as many dolls. How many dolls did they produce in the afternoon?

- A. 20 C. 48
 B. 30 D. 36

8) What is 31×21 ?

- A. 651 C. 551
 B. 341 D. 52

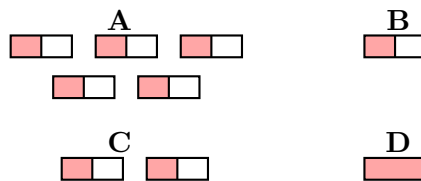
9) Is 41 prime or composite?

- A. Both C. Neither
 B. Composite D. Prime

10) Diego read $\frac{4}{10}$ of a book on Monday and $\frac{5}{10}$ on Tuesday. How much of the book did he read?

- A. $\frac{9}{10}$ of the book C. $\frac{1}{10}$ of the book
 B. $\frac{9}{20}$ of the book D. $\frac{10}{10}$ or 1 book

11) Which bar model represents $5 \times \frac{1}{2}$?



- A. Top-left picture C. Bottom-left picture
 B. Top-right picture D. Bottom-right picture

- 12) Which geometric figure has exactly one endpoint?
- A. A line C. A ray
 B. A line segment D. A point
- 13) Ava ate $\frac{6}{8}$ of a pizza. How many eighths is that?
- A. 2 C. 8
 B. 6 D. 14
- 14) A rectangular poster is 16 inches long and 10 inches wide. What is the area of the poster?
- A. 26 sq in C. 160 sq in
 B. 52 sq in D. 180 sq in
- 15) Sophia reads for 15 minutes in the morning and 20 minutes in the evening. How many minutes does she read in total each day?
- A. 5 minutes C. 35 minutes
 B. 25 minutes D. 300 minutes
- 16) Look at the line plot with eighths showing: $\frac{1}{8}$ (1 X mark), $\frac{2}{8}$ (2 X marks), $\frac{4}{8}$ (3 X marks), $\frac{5}{8}$ (1 X mark). Which two statements are true?
- A. The total number of X marks is 7.
 B. The range is $\frac{3}{8}$ inches.
 C. The range is $\frac{5}{8}$ inches.
 D. The mode is $\frac{4}{8}$.
 E. There are 6 X marks at $\frac{4}{8}$.



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1) Which shows the correct comparison?

A. $0.8 > 0.81$

C. $0.81 < 0.8$

B. $0.8 < 0.81$

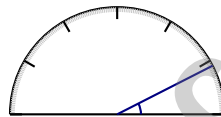
D. $0.81 = 0.8$

2) A basketball game starts at 6:00 p.m. and ends at 8:30 p.m. How long is the game?

Start	End
6:00 p.m.	8:30 p.m.

 A. 1 hour C. 2 hours 30 minutes B. 2 hours D. 3 hours

3)



What is the measure of the angle shown?

 A. 25 degrees C. 30 degrees B. 27 degrees D. 32 degrees

4) A straight angle measures 180° . If it is split into two angles, and one angle is 125° , what is the measure of the other angle?

 A. 55° C. 305° B. 65° D. 180° 

5) Ava buys 12 packs of stickers. Each pack has 15 stickers. How many stickers does Ava have in total?

A. 27

C. 240

B. 120

D. 180

6) A triangle has angles 50° and 60° . What is the third angle?

7) Tyler has 540 minutes of recess time to split equally into 6 weeks. How many minutes of recess does he get each week?

A. 80

C. 90

B. 85

D. 95

8) Find $6\frac{5}{8} - 3\frac{7}{8}$.

9) Sam runs 3 miles to get to the park. How many feet is this?

A. 528

C. 5,280

B. 1,584

D. 15,840



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1) A straight angle measures how many degrees?

- A. 90 degrees C. 150 degrees
 B. 180 degrees D. 120 degrees

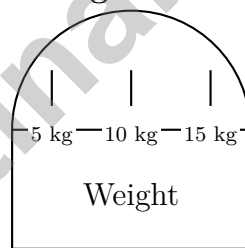
2) Which statement is true about a parallelogram?

- A. It has no parallel sides. C. It has only one pair of parallel sides.
 B. It has two pairs of parallel sides. D. It has four right angles.

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

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

Weight Scale



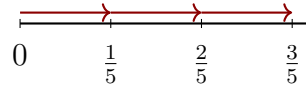
4)

A scale shows that a dog weighs 12 kilograms. How many grams does the dog weigh?

- A. 1,200 g C. 120,000 g
 B. 12,000 g D. 1,200,000 g



- 5) Which number sentence matches the number line showing three equal hops from 0 to $\frac{3}{5}$?



- A. $3 \times \frac{1}{6} = \frac{3}{6}$
 C. $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$
 B. $3 \times \frac{1}{5} = \frac{3}{5}$
 D. $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

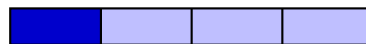
- 6) $\frac{2}{8}$ liter $\frac{2}{8}$ liter $\frac{2}{8}$ liter

Each container holds $\frac{2}{8}$ liter. How many liters are in 3 containers?

- A. $\frac{6}{8}$ liters (or $\frac{3}{4}$ liters)
 C. $\frac{3}{8}$ liter
 B. $\frac{2}{24}$ liter
 D. 3 liters
- 7) Order these fractions from least to greatest: $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{3}$.

- A. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$
 C. $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$
 B. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{3}$
 D. $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$

- 8) What is $\frac{4}{4} - \frac{1}{4}$?



Remove $\frac{1}{4}$ (dark)
Leaves ?

- A. $\frac{3}{4}$
 C. $\frac{7}{4}$
 B. $\frac{3}{8}$
 D. $\frac{1}{4}$



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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 $\frac{3}{4}$.** (4.NF.B.4) Three fourths: $3 \times \frac{1}{4} = \frac{3}{4}$.
- 2) **Choice D is correct.** (4.OA.A.1) Here we already know the larger amount (36) and the comparison (9 times). To find the smaller amount, “undo” the multiplication by dividing: $36 \div 9 = 4$. Yesterday the baker made **4** muffins.
- 3) **Choice D is correct.** (4.NBT.A.3) We’re rounding to the nearest hundred. Look at the tens digit: 3. Since $3 < 5$, we round DOWN. The hundreds digit stays at 8, giving us **52,800**. ✓
- 4) **Choice C is correct.** (4.NF.C.5) To convert $\frac{4}{10}$ to hundredths, multiply both the numerator and denominator by 10: $\frac{4}{10} = \frac{40}{100}$.
- 5) **The correct answer is $2\frac{3}{6}$.** (4.NF.B.3) Since $\frac{2}{6} < \frac{5}{6}$, regroup: $4\frac{2}{6} = 3\frac{8}{6}$. Subtract the wholes: $3 - 1 = 2$. Subtract the fractions: $\frac{8}{6} - \frac{5}{6} = \frac{3}{6}$. The answer is **$2\frac{3}{6}$** .
- 6) **Choice D is correct.** (4.M.A.1) Convert all to meters to compare. 2 km = 2,000 m, 9,000 m stays 9,000 m, 3,500 m stays 3,500 m, and 15 km = 15,000 m. The longest is **15** kilometers.
- 7) **Choice D is correct.** (4.OA.A.2) “2 times as many” is a multiplication signal: $2 \times 18 = 36$ dolls in the afternoon.
- 8) **Choice A is correct.** (4.NBT.B.5) Use the distributive property: $31 \times 21 = 31 \times (20 + 1) = 620 + 31 = \mathbf{651}$.
- 9) **Choice D is correct.** (4.OA.B.4) Try the small primes: $41 \div 2$? No (odd). $\div 3$? $4 + 1 = 5$, not a multiple of 3. $\div 5$? No (ends in 1). $\div 7$? $7 \times 6 = 42$, too big. So 41’s only factors are 1 and 41—**prime**.
- 10) **Choice A is correct.** (4.NF.B.3) Diego read on two days. Both amounts have the same tenths: $4 + 5 = 9$ tenths, so $\frac{9}{10}$ of the book.
- 11) **Choice A is correct.** (4.NF.B.4) For $5 \times \frac{1}{2}$, we need 5 bars, each divided in half with one half shaded in each. Picture A shows five bars with one-half shaded in each bar. The answer is Picture A.
- 12) **Choice C is correct.** (4.G.A.1) A ray is like a beam of light from a flashlight — it starts at one point and shines forever in one direction only. A line keeps going both ways, a segment stops at both ends, and a point is just one spot with no size at all.
- 13) **Choice B is correct.** (4.NF.B.4) The numerator tells us how many eighths there are. Since the numerator is 6, there are **6** eighths in $\frac{6}{8}$.
- 14) **Choice C is correct.** (4.M.A.3) Poster area = $16 \times 10 = 160$ sq in.
- 15) **Choice C is correct.** (4.M.A.2) Sophia reads 15 minutes in the morning and 20 minutes in the evening. Add: $15 + 20 = 35$ minutes. She reads **35** minutes each day.
- 16) **The correct answer is A, D.** (4.DL.B.5) Statement A is true: the total X marks is $1 + 2 + 3 + 1 = 7$. Statement D is true: the mode is $\frac{4}{8}$ with 3 X marks (the most). The range is $\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$, so B and C are false. There are only 3 X marks at $\frac{4}{8}$, not 6, so E is false.
- 17) **Choice A is correct.** (4.NF.B.3) Four copies of $\frac{1}{4}$ are $\frac{4}{4}$, which makes one whole. Count the numerators: $1 + 1 + 1 + 1 = 4$.
- 18) **Choice A is correct.** (4.NF.B.3) The board is $\frac{14}{8}$ inches. One whole is $\frac{8}{8}$, leaving $14 - 8 = 6$ eighths more. So $1\frac{6}{8} = \frac{8}{8} + \frac{6}{8}$ ✓.
- 19) **Choice D is correct.** (4.OA.A.3) Two steps! Step 1: equal groups means divide. $24 \div 4 = 6$ stickers in the group Sam keeps. Step 2: add the new stickers: $6 + 8 = 14$ stickers now.
- 20) **Choice B is correct.** (4.M.B.5) Ava’s reading of about 85° is less than 90° , which makes it acute—even though it’s close to a right angle. Remember: a right angle must be exactly 90° , not just close. The answer is acute.
- 21) **Choice D is correct.** (4.OA.B.4) The word “multiply” tells us to repeat groups. Doubling: $5 \rightarrow 10 \rightarrow 20 \rightarrow 40$. The rule is “multiply by 2”. ✓
- 22) **Choice D is correct.** (4.NBT.A.2) The tens place (second from right) has the digit 2. Value: $2 \times 10 = 20$ ✓
- 23) **Choice A is correct.** (4.NF.A.1) Convert to common denominator: $\frac{1}{4} = \frac{2}{8}$. Since $\frac{3}{8} > \frac{2}{8}$, Maya ate more.
- 24) **Choice B is correct.** (4.G.A.3) A non-square rectangle is longer in one direction, so it balances in two ways: a vertical fold through the middle and a horizontal fold through the middle. The answer is **2** lines of symmetry.
- 25) **Choice A is correct.** (4.NF.B.3) The sewing project needs fabric, but the first part uses some. Subtract what the first part uses: $5\frac{2}{8} - 3\frac{1}{8} = 2\frac{1}{8}$ yards of fabric left.



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Ahoy, Math Sailor!

◇ You sailed through 8 full tests. Some waters were calm. Some waters were rough. You kept your boat steady the whole way. ◇

★ **Captain's truth:** good sailors stay calm. They use the wind. They check the map. You did all those things on every test. ★

Sailor's Skills

- **Steady Hand:** You stay calm even when problems are tricky.
- **Map Skills:** You read each problem carefully.
- **Brave Spirit:** You believe in yourself.
- **Safe Harbor:** You finish what you start.

Captain's tip: on test day, sail steady. Trust the map you built through 8 practice tests. You will reach safe harbor!

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

Jay Daie

Your Math Captain

8 PRACTICE TESTS. PREPARE. PRACTICE. SUCCEED!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master essential concepts, and boost confidence for success in the classroom and beyond.

Featuring 8 full-length practice tests, a variety of question types, and detailed answer explanations, this book provides the practice and support students need to improve accuracy, strengthen problem-solving abilities, and achieve their best.

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- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement

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SUCCESS FOR LIFE.

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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
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- ✓ Measurement & Data
- ✓ Perimeter & Area
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