6 New Jersey NJSLA GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with Mixed Practice and Answer Key

MASTER KEY MATH CONCEPTS

BUILD CONFIDENCE FOR TEST DAY

INCLUDES COMPREHENSIVE ANSWER KEY

ALIGNED STATE STANDARDS

6 New Jersey NJSLA Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key

Six 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.

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Welcome, New Jersey Math Explorer!

Six steady rounds on the Garden State math route

This book gives you six 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?

Six tests, 180 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 4–6	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) Three runners completed different distances. Ellie ran $\frac{5}{8}$ of a mile, Fiona ran $\frac{3}{5}$ of a mile, and Gina ran $\frac{7}{10}$ of a mile. Who ran the farthest?

☐ A. Ellie
☐ B. Fiona
☐ C. Gina
☐ D. Ellie and Fiona ran the same

2) A jar contains $\frac{1}{4}$ liter of honey. How much honey is in 7 jars?

☐ A. $\frac{1}{28}$ liter
☐ B. $\frac{4}{7}$ liters
☐ C. $\frac{7}{4}$ liters
☐ D. $\frac{7}{28}$ liter

3) Estimate by rounding to the nearest thousand: $26{,}345 - 8{,}912 = ?$

☐ A. About 18,000
☐ B. About 20,000
☐ C. About 19,000
☐ D. About 17,000

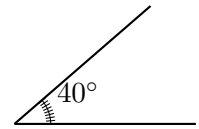
4) Kai is at a lemonade stand. Pitcher A holds 0.75 liters. Pitcher B holds 0.57 liters. Which pitcher holds more lemonade?

☐ A. Pitcher A (0.75 L)
☐ B. Pitcher B (0.57 L)
☐ C. Both hold the same amount
☐ D. Pitcher B holds twice as much

5) Use this place-value table to convert 40,506 to word form:

Ten-Thousands	Thousands	Hundreds	Tens	Ones
4	0	5	0	6

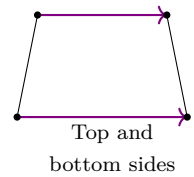
☐ A. Forty thousand, fifty-six
☐ B. Four hundred thousand, five hundred six
☐ C. Forty thousand, five hundred sixty
☐ D. Forty thousand, five hundred six

6) 

An angle turns through 40 one-degree angles. What is the measure of this angle?

☐ A. 40°
☐ B. 41°
☐ C. 39°
☐ D. 80°

7) Look at the quadrilateral. Which pair of sides are parallel?



☐ A. Top and bottom
☐ B. Left and right
☐ C. All four sides
☐ D. No sides are parallel

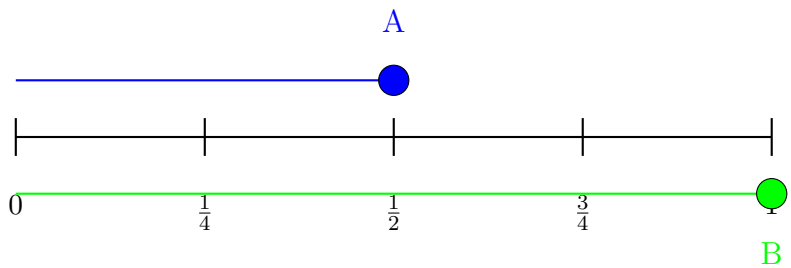
8) Which number rounds to 40,000 when rounded to the nearest thousand?

☐ A. 39,250
☐ B. 40,750
☐ C. 40,499
☐ D. 40,501

9) A rope is 48 inches long. If it is cut into 6 equal pieces, how long is each piece?

☐ A. 6 inches
☐ B. 8 inches
☐ C. 42 inches
☐ D. 54 inches

10) Look at the number line. It shows jumps from 0 to 1 marked at halves and fourths. Which point is equivalent to $\frac{1}{2}$?



☐ A. Point A at $\frac{1}{2}$
☐ B. Point B at 1
☐ C. Neither point is equivalent to $\frac{1}{2}$
☐ D. Both points are equivalent to $\frac{1}{2}$

11) A plant's growth was measured five times in eighths: $\frac{3}{8}$ in, $\frac{5}{8}$ in, $\frac{2}{8}$ in, $\frac{5}{8}$ in, $\frac{3}{8}$ in. What is the difference between the largest and smallest growth measurement?

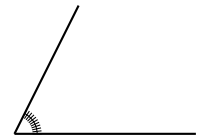
☐ A. $\frac{1}{8}$ in
☐ B. $\frac{2}{8}$ in
☐ C. $\frac{3}{8}$ in
☐ D. $\frac{4}{8}$ in

12) An angle is split into two smaller angles. One measures 30° and the other measures 45°. What is the measure of the whole angle?

☐ A. 15°
☐ B. 65°
☐ C. 75°
☐ D. 90°

13) A repeating pattern is: apple, banana, orange, apple, banana, orange. What is the 7th item?

☐ A. Grape
☐ B. Banana
☐ C. Orange
☐ D. Apple

1) 

This angle is marked from 0° to 63°. What is the measure?

☐ A. 63° ☐ C. 62°
☐ B. 64° ☐ D. 126°

2) A baker needs $\frac{7}{12}$ cup of sugar and has $\frac{3}{12}$. How much more is needed?

3) Subtract: 32,105 − 14,237 =?

☐ A. 17,868 ☐ C. 17,668
☐ B. 18,868 ☐ D. 17,968

4) Using partial quotients to divide 1,632 ÷ 4, which step correctly shows the next quotient?

1,632 ÷ 4:
Step 1: 1,632 − (4 × 400) = 32
Step 2: 32 ÷ 4 = 8
Step 3: 400 + 8 = ?

→ Quotient: ?

☐ A. The quotient is 500 ☐ C. The quotient is 380
☐ B. The quotient is 492 ☐ D. The quotient is 408

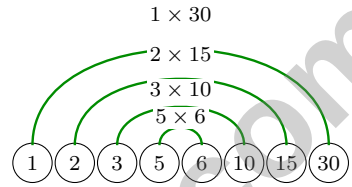
5) Which number sentence is true?

☐ A. $2 \times \frac{1}{5} = \frac{1}{10}$
☐ B. $3 \times \frac{1}{5} = \frac{3}{5}$
☐ C. $4 \times \frac{1}{5} = \frac{4}{20}$
☐ D. $5 \times \frac{1}{5} = \frac{1}{5}$

6) Which quadrilateral has four equal sides and four right angles?

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

7) The factor pairs of 30 are connected by an arc. Count them:



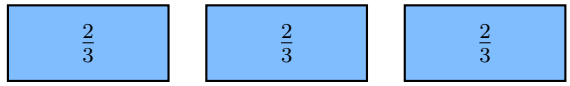
☐ A. 3
☐ B. 6
☐ C. 5
☐ D. 4

8) Which is greater, $\frac{3}{5}$ or $\frac{1}{2}$?

9) Which is NOT a geometric figure mentioned in points, lines, and rays?

☐ A. A point
☐ B. A line
☐ C. A ray
☐ D. A circle

1) A model shows 3 tiles, each equal to $\frac{2}{3}$. What is the total?



☐ A. $\frac{2}{3}$
☐ B. $\frac{3}{3}$
☐ C. $\frac{6}{3}$
☐ D. $\frac{2}{9}$

2) What is 2,735 rounded to the nearest ten?

☐ A. 2,730
☐ B. 2,800
☐ C. 2,700
☐ D. 2,740

3) An angle measures 120° and is divided into three equal parts. What is the measure of each part?

☐ A. 30°
☐ B. 40°
☐ C. 60°
☐ D. 120°

4) The value of the digit 9 in the thousands place is how many times the value of the digit 9 in the hundreds place?

☐ A. 1,000
☐ B. 100
☐ C. 9 times
☐ D. 10

5) Write $\frac{3}{4}$ as a multiplication of a whole number and a unit fraction.

☐ A. $4 \times \frac{1}{3}$
☐ B. $3 \times \frac{1}{4}$
☐ C. $1 \times \frac{3}{4}$
☐ D. $7 \times \frac{1}{4}$

6) What is $3 \times \frac{4}{6}$ in simplest form?

☐ A. $\frac{7}{6}$
☐ B. $\frac{4}{18}$
☐ C. $1\frac{1}{6}$
☐ D. $\frac{12}{6}$ or 2

7) If an angle has 38 one-degree angles, what is its measure?

☐ A. 38°
☐ B. 19°
☐ C. 76°
☐ D. 380°

8)

5 bars, each $\frac{1}{3}$ yard

Each bar above is $\frac{1}{3}$ yard. What is the total length of all 5 bars?

☐ A. $\frac{5}{3}$ yards (or $1\frac{2}{3}$ yards)
☐ B. $\frac{5}{15}$ yard
☐ C. $\frac{1}{3}$ yard
☐ D. 5 yards

9) A rope is 9 yards long. How many feet does the rope measure?

10) Noah baked cookies and ate $\frac{2}{6}$ of them. His sister ate $\frac{3}{6}$. How many cookies were eaten?

☐ A. $\frac{5}{12}$ of the cookies
☐ B. $\frac{5}{6}$ of the cookies
☐ C. $\frac{1}{6}$ of the cookies
☐ D. All cookies

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 C is correct.** 4.NF.A.1 Find common denominator 40: $\frac{5}{8} = \frac{25}{40}$, $\frac{3}{5} = \frac{24}{40}$, $\frac{7}{10} = \frac{28}{40}$. Since $28 > 25 > 24$, Gina ran farthest.
2) **Choice C is correct.** 4.NF.B.4 Seven jars, each holding $\frac{1}{4}$ liter of honey, give us $7 \times \frac{1}{4} = \frac{7}{4}$ liters.
3) **Choice D is correct.** 4.NBT.B.4 Round each number to the nearest thousand: $26{,}345 \approx 26{,}000$ and $8{,}912 \approx 9{,}000$. Subtract: $26{,}000 - 9{,}000 = \mathbf{17{,}000}$.
4) **Choice A is correct.** 4.NF.C.5 Compare the tenths place: $7 > 5$, so $0.75 > 0.57$. Pitcher A holds more lemonade.
5) **Choice D is correct.** 4.NBT.A.2 From the chart: ten-thousands: 4, thousands: 0 (omit), hundreds: 5, tens: 0 (omit), ones: 6 → "forty thousand, five hundred six" ✓
6) **Choice A is correct.** 4.M.B.4 The measure of an angle equals the number of one-degree angles it turns through, so 40 one-degree angles equal $\mathbf{40}°$.
7) **Choice A is correct.** 4.G.A.2 The purple arrows indicate which sides are parallel. The arrows on the top and bottom sides show they are parallel to each other. The answer is **A**.
8) **Choice C is correct.** 4.NBT.A.3 We're rounding to the nearest thousand, so check the hundreds digit of each. Option C (40,499): hundreds digit is $4 < 5$, rounds DOWN to **40,000**. ✓Option A (39,250): hundreds digit $2 < 5$, rounds DOWN to 39,000. Option B (40,750): hundreds digit $7 \geq 5$, rounds UP to 41,000. Option D (40,501): hundreds digit $5 \geq 5$, rounds UP to 41,000.
9) **Choice B is correct.** 4.M.A.2 A 48-inch rope is cut into 6 equal pieces. Divide: $48 \div 6 = 8$ inches. Each piece is **8** inches long.
10) **Choice A is correct.** 4.NF.A.1 Look at the number line: Point A lands exactly at $\frac{1}{2}$. Point B lands at 1 (or $\frac{4}{4}$), which is a whole, not equivalent to half.
11) **Choice C is correct.** 4.DL.B.5 The largest measurement is $\frac{5}{8}$ in and the smallest is $\frac{2}{8}$ in. The difference is $\frac{5}{8} - \frac{2}{8} = \mathbf{\frac{3}{8}}$ in.
12) **Choice C is correct.** 4.M.B.6 When you split an angle into smaller parts, add them to find the whole: $30° + 45° = \mathbf{75}°$.
13) **Choice D is correct.** 4.OA.B.4 The pattern repeats every 3 items, like a wheel turning around. To find position 7, divide: $7 \div 3 = 2$ remainder 1. The remainder 1 tells us we land on the *1st item in the cycle*, which is **apple**. *Quick check:* positions $1, 4, 7$ all land on apple. ✓
14) **Choice A is correct.** 4.NF.C.5 Five tenths equals one-half, which is 0.5. The other options don't equal this.
15) **The correct answer is** 546. 4.NBT.B.6 Long division: $4 \div 8 = 0$ r4, bring down the 3 to get $43 \div 8 = 5$ r3, bring down the 6 to get $36 \div 8 = 4$ r4, bring down the 8 to get $48 \div 8 = 6$. The quotient is **546**. *Quick check:* $546 \times 8 = 4{,}368$. ✓
16) **Choice C is correct.** 4.M.A.3 Count the grid squares: 4 columns × 3 rows = 12 square units.
17) **The correct answer is A, C.** 4.NF.B.3 Let's check each statement. Step 1 (for A and C): Add the amounts: $\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$ cups total (A is correct). Find the difference: $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$ cup more sugar (C is correct). Step 2 (why others fail): B claims $\frac{5}{8}$, but we got $\frac{5}{4}$. D claims $\frac{1}{8}$, but the difference is $\frac{1}{4}$. E compares the ratio 2:3, which is not half.
18) **Choice B is correct.** 4.G.A.1 Angle A is small (around 67°), but Angle B opens much wider — almost like a right angle. Angle B definitely wins the size competition!
19) **Choice D is correct.** 4.OA.B.4 Test the small primes: 43 is odd; $4 + 3 = 7$ (not ÷3); doesn't end in 0 or 5; $7 \times 6 = 42$, $7 \times 7 = 49$, no 7. So 43's only factors are 1 and 43—**prime**.
20) **Choice C is correct.** 4.NF.B.4 Count the shaded (green) parts: there are 3 shaded parts. Count the equal parts: there are 4 total parts. So this is $3 \times \frac{1}{4} = \frac{3}{4}$.
21) **Choice A is correct.** 4.M.B.5 The vertex is where the two rays meet—this is the pivot point of the angle. To measure accurately, this point must be placed right at the center dot or mark on the protractor. This is how we align everything correctly. The answer is at the center point.
22) **Choice D is correct.** 4.NF.B.3 The garden has 5 equal rows, and plants are in 3 of them. So the fraction with plants is $\frac{3}{5}$, which breaks into unit fractions: $\mathbf{\frac{3}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5}}$.
23) **The correct answer is** 60. 4.M.B.4 Divide 360 degrees by 6 equal sectors: $360° \div 6 = \mathbf{60}°$ per sector.

Hi, Star Player!

◇ 6 practice tests. Every one of them was a chance to grow. You took every chance. That's why you're a math star today! ◇

⋆ **Star players know:** confidence comes from practice. You can't fake it. You build it. You built yours over 6 tests. It's real now! ⋆

Star Player Stats

- **Practice:** OFF THE CHARTS!
- **Skills:** BROAD! You can do many problem types.
- **Toughness:** HIGH! You don't quit on hard problems.
- **Game Plan:** READY! You know your strategies.

Star tip: on test day, take it one play at a time. One problem. Then the next. You will earn your stars!

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

Jay Daie

Your Math Coach

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

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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.

Track Progress
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

- Place Value & Number Sense
- Addition & Subtraction
- Multiplication & Division
- Fractions & Equivalent Fractions
- Decimals
- Geometry & Measurement
- Perimeter & Area
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- Prepares Students for Test Day Success