

# 4

# New Jersey



# NJSLA



## GRADE 4

# MATH

## PRACTICE TESTS



5 FULL-LENGTH  
PRACTICE TESTS



Standards-Aligned Review with  
Mixed Practice and Answer Key



STANDARDS-ALIGNED  
REVIEW



MIXED PRACTICE  
QUESTIONS

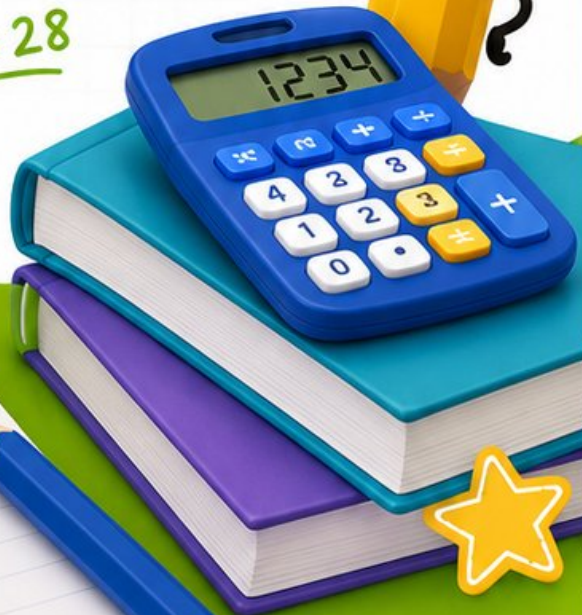


ANSWER KEY  
INCLUDED



$$4 \times 7 = 28$$

$$36 \div 9 = 4$$



# 4 New Jersey NJSLA Grade 4 Math Practice Tests

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



Four focused 30-question missions for Grade 4 math: number facts, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

**Jay Daie and Reza Nazari**



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# Welcome, New Jersey Math Explorer!

Four steady rounds on the Garden State math route

This book gives you four 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?

Four tests, 120 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 2–4	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 2–4	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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For more practice  
& answers

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1) An angle measures  $175^\circ$ . It is split into two parts. One part is  $96^\circ$ . What does the other part measure?

A.  $79^\circ$

C.  $271^\circ$

B.  $96^\circ$

D.  $100^\circ$

2) What is  $\frac{5}{6} - \frac{2}{6}$ ?

A.  $\frac{3}{6}$

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

B.  $\frac{7}{6}$

D.  $\frac{3}{12}$

3) Which equation does this bar model show?



A.  $2 \times \frac{2}{3}$

C.  $4 \times \frac{1}{2}$

B.  $2 \times \frac{1}{4}$

D.  $2 \times \frac{1}{2}$

4) Which number is less?

	Thousands	Hundreds	Tens	Ones
Number A	7	2	6	4
Number B	7	2	6	5

 A. They are equal

 C. 7,264

 B. Cannot determine

 D. 7,265


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5) Round 93,847 to the nearest hundred.

- A. 94,000                       C. 93,900  
 B. 93,850                       D. 93,800

6) Which diagram shows two lines that will eventually intersect?

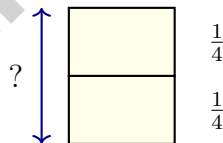


- A. Diagram A                       C. Diagram C  
 B. Diagram B                       D. Diagram D

7) A quadrilateral has exactly one pair of parallel sides. What type of figure is it?

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

8) A stacked bar model shows 2 bars of  $\frac{1}{4}$  stacked on top of each other. What is the total height?



- A.  $\frac{1}{4}$                                        C.  $\frac{2}{8}$   
 B.  $\frac{2}{4}$                                        D.  $\frac{1}{8}$

9) A party favor bag holds  $\frac{1}{6}$  pound of candy. If you prepare 8 bags, how much candy is used in total?

- A.  $\frac{1}{48}$  pound                       C.  $\frac{8}{48}$  pound  
 B.  $\frac{8}{6}$  pounds (or  $1\frac{1}{3}$  pounds)                       D.  $\frac{6}{8}$  pound

10) All the factors of 24 are:

- A. 1, 2, 3, 4, 8, 12, 24                       C. 2, 3, 4, 6, 8, 12, 24  
 B. 1, 2, 4, 6, 8, 12, 24                       D. 1, 2, 3, 4, 6, 8, 12, 24

11) What is  $4 \times 328$ ?

- A. 1200     C. 1312  
 B. 1400     D. 1496

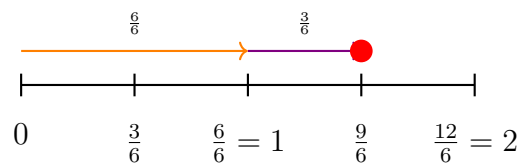
12) Add:  $\frac{1}{10} + \frac{45}{100}$ .

- A.  $\frac{46}{100}$      C.  $\frac{55}{100}$   
 B.  $\frac{46}{110}$      D.  $\frac{1}{145}$

13) Which statement about the letter *D* is true?

- A. It has 1 line of symmetry                       C. It has no line of symmetry  
 B. It has 2 lines of symmetry                       D. It has 4 lines of symmetry

14) Show  $\frac{9}{6}$  decomposed on a number line:



Which shows the jumps in order?

- A.  $\frac{6}{6} + \frac{3}{6} = \frac{9}{6}$      C.  $\frac{3}{6} + \frac{5}{6} = \frac{8}{6}$   
 B.  $\frac{1}{3} + \frac{4}{3} = \frac{5}{3}$      D.  $1 + \frac{1}{3} = \frac{4}{3}$



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1) A baker divides 540 cookies equally among 6 friends. How many cookies does each friend receive?

A. 80

C. 90

B. 95

D. 85

2) Write the numeral for “three hundred nineteen thousand, five hundred two”.

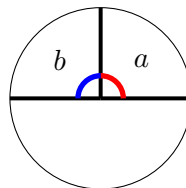
3) A class recorded toy block heights in fourths of an inch:  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{1}{4}$ . When plotted, what is the mode (most common measurement)?

A.  $\frac{1}{4}$  in

C.  $\frac{3}{4}$  in

B.  $\frac{2}{4}$  in

D. 1 in



4)

Angles  $a$  and  $b$  are marked in the diagram. What is the sum  $a + b$ ?

A.  $90^\circ$

C.  $270^\circ$

B.  $180^\circ$

D.  $360^\circ$



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5) A book has  $4\frac{2}{6}$  chapters in Part 1 and  $2\frac{3}{6}$  chapters in Part 2. How many chapters total are in both parts?

A.  $6\frac{5}{6}$

B.  $7\frac{1}{6}$

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

D.  $2\frac{1}{6}$

6) Write 0.7 as a fraction with denominator 10.

A.  $\frac{7}{100}$

B.  $\frac{70}{100}$

C.  $\frac{7}{10}$

D.  $\frac{70}{10}$

7) How many lines of symmetry does a regular quadrilateral (square) have?

A. 2

B. 3

C. 4

D. 6

8) If you multiply the numerator and denominator of  $\frac{2}{5}$  by 3, what fraction do you get?

A.  $\frac{5}{8}$

B.  $\frac{6}{8}$

C.  $\frac{5}{15}$

D.  $\frac{6}{15}$

9)

5 times

45

A sports team scored 45 points. That is 5 times as many points as another team scored. How many points did the other team score?

A. 5

B. 40

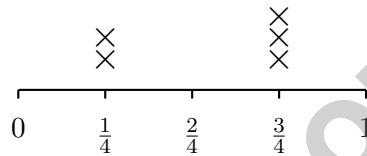
C. 25

D. 9



1) How many  $\frac{1}{6}$ s are in  $\frac{4}{6}$ ? Write the number.

2) Look at the line plot of ribbon lengths in fourths of an inch. Which length has the most X marks?



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

3) In the number 82,345, what digit is in the thousands place?

- A. 8                                       C. 3  
 B. 4                                       D. 2

4) Which is true?

- A.  $0.5 > \frac{6}{10}$                                C.  $0.5 = \frac{5}{10}$   
 B.  $0.5 < \frac{4}{10}$                                D.  $0.5 = \frac{5}{100}$



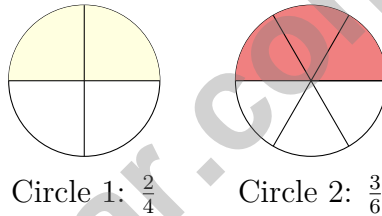
5) A recipe calls for 0.5 cups of sugar. Does this equal 0.50 cups?

- A. Yes, they are equal                       C. No, 0.50 is greater  
 B. No, 0.5 is greater                       D. They cannot be compared

6) Look at the numbers: 1,111, 2,222, 3,333. In each number, the value of the digit in the thousands place is how many times the value of the digit in the hundreds place?

- A. 1 time     C. 100 times  
 B. Equal     D. 10 times

7) Two circles are the same size. Circle 1 shows  $\frac{2}{4}$  shaded. Circle 2 shows  $\frac{3}{6}$  shaded. Which statement is true?



- A. Circle 1 is more shaded                       D. Cannot compare circles of different sizes  
 B. Circle 2 is more shaded  
 C. Both circles are equally shaded
- 8) How many rays form the sides of an angle?
- A. 1 ray     C. 3 rays  
 B. 2 rays     D. 4 rays



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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

- Choice A is correct.** (4.M.B.6) The angle is split into two parts. Subtract to find the missing part:  $175^\circ - 96^\circ = 79^\circ$ .
- Choice A is correct.** (4.NF.B.3) Same denominator for subtraction too! Just subtract numerators:  $5 - 2 = 3$ , keep the denominator. Result:  $\frac{3}{6}$ .
- Choice D is correct.** (4.NF.B.4) The bar model shows two bars, each divided in half with one half shaded in each. This matches  $2 \times \frac{1}{2}$ , which means 2 copies of  $\frac{1}{2}$ . The answer is  $2 \times \frac{1}{2}$  (Choice D).
- Choice C is correct.** (4.NBT.A.2) All digits match except the ones place. A has 4 ones, B has 5 ones. Since  $4 < 5$ , 7,264 is less ✓
- Choice D is correct.** (4.NBT.A.3) We're rounding to the nearest hundred. Look at the tens digit: 4. Since  $4 < 5$ , we round DOWN. The hundreds digit stays at 8, giving us **93,800**. ✓
- Choice D is correct.** (4.G.A.1) Parallel lines never meet, but non-parallel lines angle toward each other and will eventually crash together. Diagram D shows two lines leaning toward each other, so they'll meet someday.
- Choice B is correct.** (4.G.A.2) A trapezoid is defined by having exactly one pair of parallel sides. Since parallelograms, rectangles, and rhombuses each have two pairs of parallel sides, they cannot be trapezoids. The answer is **B**.
- Choice B is correct.** (4.NF.B.4) Two bars stacked, each  $\frac{1}{4}$  tall:  $2 \times \frac{1}{4} = \frac{2}{4}$ .
- Choice B is correct.** (4.NF.B.4) Eight party favor bags, each with  $\frac{1}{6}$  pound of candy, use  $8 \times \frac{1}{6} = \frac{8}{6}$ , which is  $1\frac{1}{3}$  pounds.
- Choice D is correct.** (4.OA.B.4) Walk through the factor pairs:  $1 \times 24$ ,  $2 \times 12$ ,  $3 \times 8$ ,  $4 \times 6$ . Combine both sides of each pair: **1, 2, 3, 4, 6, 8, 12, 24**. *Tip:* the pairs "meet in the middle"—once they start repeating, you've found them all.
- Choice C is correct.** (4.NBT.B.5) Decompose 328:  $4 \times (300 + 20 + 8) = 1200 + 80 + 32 = \mathbf{1312}$ .
- Choice C is correct.** (4.NF.C.5) Convert  $\frac{1}{10}$  to hundredths:  $\frac{1}{10} = \frac{10}{100}$ . Now add the two fractions with the same denominator:  $\frac{10}{100} + \frac{45}{100} = \frac{55}{100}$ .
- Choice A is correct.** (4.G.A.3) The letter *D* has a straight line on the left and a curved bulge on the right. A horizontal line across the middle balances the top curve with the bottom curve. The answer is It has 1 line of symmetry.
- Choice A is correct.** (4.NF.B.3) Orange arrow jumps to 1 whole ( $\frac{6}{6}$ ), then purple arrow adds  $\frac{3}{6}$ :  $6 + 3 = 9$ . We reach  $\frac{9}{6} = 1\frac{1}{2}$  ✓.
- Choice B is correct.** (4.M.B.4) An angle of  $130^\circ$  is composed of **130** one-degree angles.
- The correct answer is A, E.** (4.NF.C.5) Option A:  $\frac{50}{100} = 0.50$ . Option E:  $\frac{50}{100} = 0.5$  (trailing zero doesn't change the value). The other options equal 0.05, not 0.50.
- Choice A is correct.** (4.NBT.B.6) Divide:  $40 \div 6 = 6$  r4, bring down the 3 to get  $43 \div 6 = 7$  r1, bring down the 2 to get  $12 \div 6 = 2$ . Each day they sold **672** tickets.
- Choice B is correct.** (4.M.A.1) Since 1 kilogram = 1,000 grams, multiply:  $3 \times 1,000 = 3,000$  g. The answer is **3,000** g.
- Choice B is correct.** (4.M.A.3) Use the area formula:  $\text{area} = \ell \times w$ , so  $36 = 9 \times w$ . Divide to find  $w$ :  $w = 36 \div 9 = 4$  in.
- Choice A is correct.** (4.M.B.5) The baseline of the angle starts at  $0^\circ$  on the right. Follow the second ray until it crosses the degree scale—it lines up perfectly with the 45-degree mark. The answer is **45** degrees.
- Choice D is correct.** (4.OA.A.2) Claire's group has 2 rows of 4 marbles—that's "2 times as many." Multiply:  $2 \times 4 = 8$  marbles.
- Choice A is correct.** (4.NF.B.4) Picture A shows 5 equal parts with 2 shaded. This represents 2 out of 5 parts, or  $2 \times \frac{1}{5}$ .
- Choice A is correct.** (4.NF.B.3) Add the wholes:  $2 + 3 = 5$ . Add the fractions:  $\frac{4}{10} + \frac{5}{10} = \frac{9}{10}$ . The total is  $5\frac{9}{10}$  meters.
- Choice A is correct.** (4.NF.B.3) We have 5 copies of the unit fraction  $\frac{1}{8}$ . When we add them, the denominator stays 8, and we count the unit fractions: 5 of them. So  $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{5}{8}$ .
- The correct answer is 480 m.** (4.M.A.2) The field is 80 meters long. The farmer walks it 6 times. Multiply:  $80 \times 6 = 480$  meters. The total distance is **480** meters.



**From Your Math Family**

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**Hi, Math Family Member,**

◇ Welcome to a special note from your math family. You finished 4 full practice tests, and that hard work matters more than any score. We see you. We are proud of you. ◇

★ **Our math family knows:** math is a journey. You have taken many steps already. The test is just one stop. Every skill you built is yours forever. ★

**What Your Math Family Sees**

- **Hard Work:** You keep showing up.
- **Real Growth:** You can do problems today you couldn't before.
- **Brave Heart:** You face hard problems with brave thinking.
- **Bright Future:** Your math journey is just beginning.

**Family tip:** on test day, picture us standing behind you, smiling and rooting for you. You are not alone. Your math family is with you!

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 Family

# PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students build strong math skills, master key concepts, and gain the confidence they need to excel.

With 4 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.



### Track Progress

Measure growth across multiple practice tests.



### 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
- ✓ Geometry & Measurement
- ✓ Data, Graphs & Line Plots
- ✓ Perimeter & Area
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



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