

5

New Jersey NJSLA

Standards-Aligned Review with
Mixed Practice and Answer Key



5 New Jersey NJSLA Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five 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!

Five steady rounds on the Garden State math route

This book gives you five 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?

Five tests, 150 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 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	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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& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	26
★ Practice Test 3	_____	37
★ Practice Test 4	_____	48
★ Practice Test 5	_____	59
Practice Test Answer Keys	_____	70
Practice Test Answers and Explanations	_____	74

1) Add $2\frac{3}{8} + 1\frac{4}{8}$.

2) Which decimal is equal to $\frac{35}{100}$?

A. 0.035

C. 3.5

B. 0.35

D. 35.0

3) Which shows the error in this student work? The student said $\frac{1}{4} + \frac{1}{4} = \frac{2}{8}$.

A. Should not add fractions with same denominators

C. The correct answer is $\frac{2}{4}$, not $\frac{2}{8}$

B. Adding the numerators and denominators separately (mistake)

D. Cannot add fractions at all

4) A ribbon is cut into two pieces. One piece is $\frac{7}{10}$ meter and the other is $\frac{2}{10}$ meter. What was the original length of the ribbon?



Piece 1: $\frac{7}{10}$ Piece 2: $\frac{2}{10}$
Original ribbon: $\frac{7}{10} + \frac{2}{10} = ?$

A. $\frac{5}{10}$ meter

C. $\frac{9}{20}$ meter

B. $\frac{9}{10}$ meter

D. $\frac{14}{10}$ or $1\frac{4}{10}$ meters

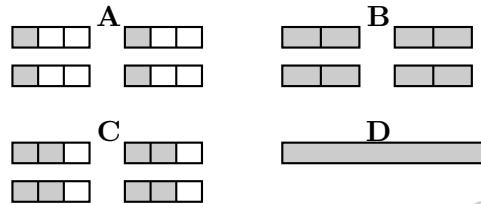


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5) What is 14,285 rounded to the nearest ten?

- A. 14,280 C. 14,300
 B. 14,200 D. 14,290

6) Which picture shows $4 \times \frac{2}{3}$?



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

7) What is $3,248 \div 8$ with remainders shown?

- A. 404 r0 C. 405 r8
 B. 407 r2 D. 406 r0

8) Which fraction is equivalent to a shaded amount of $\frac{20}{100}$?

- A. $\frac{2}{10}$ C. $\frac{200}{100}$
 B. $\frac{20}{10}$ D. $\frac{20}{200}$

9) Zoe's basketball team scored 9 points in the first quarter. In the second quarter, they scored 2 times as many points. How many points did they score in the second quarter?

- A. 11 C. 20
 B. 16 D. 18

10) A rectangular vegetable garden is 36 feet long and 18 feet wide. What is the area of the garden?

- A. 608 sq. ft C. 728 sq. ft
 B. 792 sq. ft D. 648 sq. ft

11) A spinner is divided into sections by angles. Three sections measure 50° , 60° , and 70° . What is their combined angle measure?

- A. 110° C. 180°
 B. 130° D. 120°

12) Which pattern shows all multiples of 6?

- A. 2, 4, 6, 8, 10 C. 3, 6, 9, 12, 15
 B. 6, 12, 18, 24, 30 D. 5, 10, 15, 20, 25

13) Here is a line plot with fourths:



How many more X marks are at $\frac{3}{4}$ than at $\frac{1}{4}$?

- A. 1 C. 3
 B. 2 D. 4

14) Which inequality is correct?

- A. $\frac{6}{12} < \frac{9}{12}$ C. $\frac{6}{12} = \frac{9}{12}$
 B. $\frac{6}{12} > \frac{9}{12}$ D. $\frac{9}{12} < \frac{6}{12}$



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1) Jacob receives three \$5 bills. How much money is shown?



Three \$5 bills

- A. \$10 C. \$20
 B. \$15 D. \$25

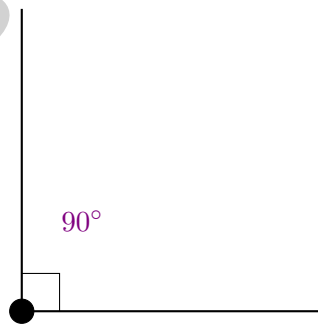
2) Tyler has 9 toy soldiers. His best friend has 3 times as many toy soldiers. How many toy soldiers does his friend have?

- A. 12 C. 30
 B. 20 D. 27

3) Two rays form an angle with a measure of 80° . If one part of the angle is 32° , what is the measure of the other part?

- A. 48° C. 112°
 B. 50° D. 35°

4)

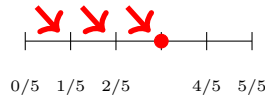


A right angle shown in purple measures 90 degrees. An obtuse angle would measure:

- A. less than 90 degrees C. between 90 and 180 degrees
 B. exactly 90 degrees D. exactly 180 degrees



5) The number line shows jumps of $\frac{1}{5}$ starting at 0. Where do the jumps land?



- A. $\frac{3}{5}$
 C. $\frac{4}{5}$
 B. $\frac{1}{5}$
 D. $\frac{5}{5}$

6) Use the chart to find the number.

Thousands	Hundreds	Tens	Ones
9	0	5	3

- A. 953
 C. 9,530
 B. 9,503
 D. 9,053

7) A rectangular table is 5 feet long and 3 feet wide. What is the perimeter of the table?

- A. 8 ft
 C. 16 ft
 B. 15 ft
 D. 30 ft

8) Which pair of line segments is perpendicular?



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



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1) Which product equals $\frac{8}{12}$?

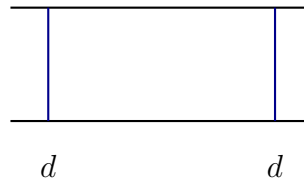
A. $2 \times \frac{1}{12}$

B. $4 \times \frac{1}{12}$

C. $8 \times \frac{1}{12}$

D. $12 \times \frac{1}{8}$

2) In this diagram, the two marked lines are parallel. Which statement is correct?

 A. The distance between the lines always remains the same B. The lines get closer at the top C. The lines will meet on the right D. The distance between them increases

3) Carter runs $\frac{3}{8}$ mile each morning. If he runs for 3 mornings, how far does he run in total?

A. $\frac{3}{24}$ miles

B. $\frac{9}{8}$ miles (or $1\frac{1}{8}$ miles)

C. $\frac{6}{8}$ miles (or $\frac{3}{4}$ miles)

D. $\frac{1}{8}$ mile

4) Diego walked $2\frac{3}{10}$ miles on Monday and $1\frac{4}{10}$ miles on Tuesday. How many miles did he walk in total?

A. $3\frac{5}{10}$ miles

B. $3\frac{6}{10}$ miles

C. $3\frac{7}{10}$ miles

D. $4\frac{1}{10}$ miles



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5) Write $\frac{5}{10}$ as an equivalent fraction with denominator 100.

- A. $\frac{5}{100}$
 B. $\frac{50}{100}$

- C. $\frac{500}{100}$
 D. $\frac{50}{10}$

6) Complete the factor pair table for 20:

First Factor	Second Factor
1	20
2	?

What goes in the ?

- A. 8
 B. 15

- C. 12
 D. 10

7) A bottle holds $\frac{3}{8}$ liter. How much do 4 bottles hold altogether?

- A. $\frac{3}{32}$ liter
 B. $\frac{12}{8}$ liters or $1\frac{1}{2}$ liters

- C. $\frac{7}{8}$ liter
 D. $\frac{4}{8}$ liter

8) What is the next number in the sequence? 3, 6, 12, 24, 48, __



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

- The correct answer is $3\frac{7}{8}$.** (4.NF.B.3) Add the wholes: $2 + 1 = 3$. Add the fractions: $\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$. The sum is $3\frac{7}{8}$. Since the fractions add to less than a whole, no regrouping is needed.
- Choice B is correct.** (4.NF.C.5) Thirty-five hundredths uses both decimal places: $\frac{35}{100} = 0.35$, so the answer is **0.35**.
- Choice B is correct.** (4.NF.B.4) When adding fourths, the denominator stays the same! $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$, not $\frac{2}{8}$. The student mistakenly added the denominators.
- Choice B is correct.** (4.NF.B.3) The ribbon was cut into two pieces. Piece 1 is $\frac{7}{10}$ meter (dark blue), and Piece 2 is $\frac{2}{10}$ meter (sky blue). Together: $7 + 2 = 9$ tenths, or $\frac{9}{10}$ meter.
- Choice D is correct.** (4.NBT.A.3) We're rounding to the nearest ten. Look at the ones digit: 5. Since $5 \geq 5$, we round UP! The tens digit changes from 8 to 9, giving us **14,290**. ✓
- Choice C is correct.** (4.NF.B.4) For $4 \times \frac{2}{3}$, we need 4 bars, each divided into 3 parts with 2 parts shaded in each bar. Picture C shows four bars with two-thirds shaded in each. The answer is Picture C.
- Choice D is correct.** (4.NBT.B.6) Long division: $3 \div 8 = 0$ r3, bring down the 2 to get $32 \div 8 = 4$, bring down the 4 to get $4 \div 8 = 0$ r4, bring down the 8 to get $48 \div 8 = 6$ with no remainder. The answer is **406**.
- Choice A is correct.** (4.NF.C.5) We can simplify $\frac{20}{100}$ by dividing both numerator and denominator by 10: $\frac{20}{100} = \frac{2}{10}$.
- Choice D is correct.** (4.OA.A.2) "2 times as many" means multiply. The team scored $2 \times 9 = 18$ points in the second quarter.
- Choice D is correct.** (4.NBT.B.5) Break 18: $36 \times (10 + 8) = 360 + 288 = \mathbf{648}$ square feet.
- Choice C is correct.** (4.M.B.6) Add the three spinner sections together: $50^\circ + 60^\circ + 70^\circ = \mathbf{180^\circ}$.
- Choice B is correct.** (4.OA.B.4) Multiples of 6 are: 6, 12, 18, 24, 30, ... Check choice B: $6 \div 6 = 1$, $12 \div 6 = 2$. All divide evenly. ✓
- Choice A is correct.** (4.DL.B.5) At $\frac{1}{4}$ inch there are 2 X marks. At $\frac{3}{4}$ inch there are 3 X marks. The difference is $3 - 2 = 1$.
- Choice A is correct.** (4.NF.A.1) Same denominator, so compare numerators. Since $6 < 9$, we have $\frac{6}{12} < \frac{9}{12}$.
- Choice A is correct.** (4.NBT.B.4) Subtract carefully with regrouping: $7,123 - 2,456 = \mathbf{4,667}$.
- The correct answer is A, C.** (4.OA.A.1) Multiplicative comparisons use the words "times as many." Choice A (18 is 6 times as many as 3) and choice C (28 is 4 times as many as 7) both fit. Choices B, D, and E use "more" or "less," which are *additive* comparisons—not multiplicative.
- Choice C is correct.** (4.M.A.2) Each bottle holds 750 mL. With 2 bottles, multiply: $750 \times 2 = 1,500$ mL. There are **1,500** milliliters of water.
- Choice D is correct.** (4.NBT.A.2) Choice D: $560,000 + 7,980 = 567,980$ (wrong!). A, B, and C all equal 567,089 in different ways ✓
- Choice A is correct.** (4.M.B.4) An acute angle is smaller than a right angle. This angle opens less than a square corner, so it is acute.
- Choice C is correct.** (4.M.B.4) Five-sixths of the circle is $\frac{5}{6} \times 360^\circ = \mathbf{300^\circ}$.
- Choice B is correct.** (4.NF.B.4) James eats $\frac{1}{8}$ of the pie each day for 5 days. We multiply: $5 \times \frac{1}{8} = \frac{5}{8}$ of the pie.
- The correct answer is 3.** (4.NF.B.4) The denominator 10 tells us the unit fraction is $\frac{1}{10}$. The numerator 3 tells us how many of these unit fractions we have. So there are **3** tenths in $\frac{3}{10}$.
- Choice C is correct.** (4.G.A.3) A regular hexagon (6 equal sides) is perfectly balanced in six ways. Lines can pass through opposite corners, or through the middle of opposite sides—each creates matching halves. The answer is **6** lines of symmetry.
- Choice C is correct.** (4.NF.B.3) Option C: $2 + 5 = 7$, so $\frac{2}{10} + \frac{5}{10} = \frac{7}{10}$, not $\frac{8}{10}$. The answer is C ✓.
- Choice B is correct.** (4.M.B.4) The angle marked from 0° to 75° contains **75** one-degree angles.
- Choice A is correct.** (4.NF.B.3) The runner completes laps over two time periods. Add the mixed numbers: $1\frac{3}{5} + 2\frac{1}{5} = 3\frac{4}{5}$ laps total.



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Champion tip: on test day, walk in proud. You trained for this. You are ready!

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

Jay Daie

Your Math Coach

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

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