

9

New Jersey

NJSLA

GRADE 3 MATH

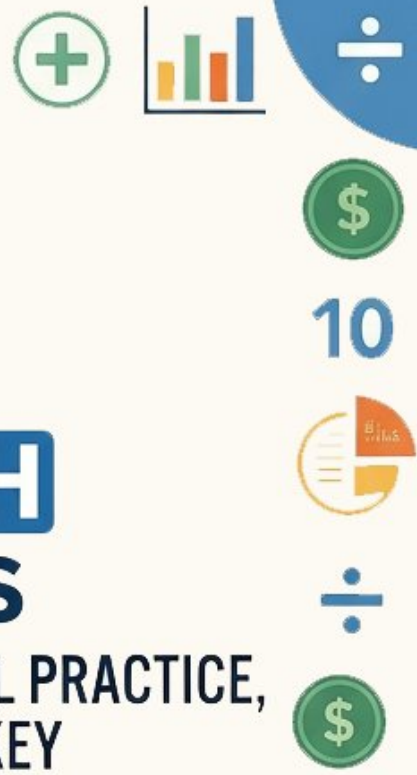
PRACTICE TESTS

COMPLETE STANDARDS REVIEW WITH SKILL PRACTICE, WORD PROBLEMS, AND ANSWER KEY



10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM



9 New Jersey NJSLA Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 3 practice rounds with operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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New Jersey, Start Your Nine-Round Math Trail

A focused Grade 3 map from first try to confident finish

This book gives you nine chances to practice like a thoughtful New Jersey NJSLA test taker. Each round mixes numbers, shapes, fractions, data, measurement, and word problems so your brain learns to switch skills calmly.

New Jersey has shore towns, garden plots, rail lines, boardwalk paths, and quick classroom thinking, where careful steps matter. Strong math follows that same idea: measure what the question asks, choose a useful tool, show the work, and model before moving on.

Your New Jersey Math Promise

I will slow down enough to understand the question. I will show the work that helps me think. I will use mistakes as practice fuel, then try again with a sharper plan.

Nine rounds is not about rushing. It is about building a math habit that stays strong.

How to Use This Book

A nine-session routine for clear New Jersey review

1. **Warm up first.** Read the quick review pages and remind yourself of the big ideas.
2. **Take one test at a time.** Work without rushing. Circle words, sketch models, and label units.
3. **Check the answer key.** Mark correct answers, then star questions that need another look.
4. **Read explanations after trying again.** The explanation works best after your brain has wrestled with the problem.
5. **Use the growth log.** Track the score, one strong habit, and one skill to practice next.

Good rhythm: Test one day, review the next day, then take the next test when your corrections feel clear. In New Jersey, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with NJSLA support

Part	What You Practice
Nine full tests	30 mixed Grade 3 questions in each round
Question styles	Multiple choice, select-all, and open-ended work spaces
Math topics	Operations, patterns, rounding, fractions, measurement, data, area, perimeter, and shapes
Answer support	Compact answer keys plus explanations for every item
Standards help	A New Jersey standards reference and standard-code boxes in explanations

Why mixed practice helps: Real tests do not announce the next skill. These nine rounds help students recognize the math move they need, even when the topic changes from question to question.



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& answers

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- 1) Mia has some stickers. She gives them equally to 3 friends. Each friend gets 6 stickers. Which equation can be used to find the total number of stickers Mia gives away?

A. $18 \div 3 = \square$

C. $\square - 3 = 6$

B. $3 + 6 = \square$

D. $\square \div 3 = 6$

- 2) Which is NOT equal to a whole number?

A. $\frac{20}{4}$

C. $\frac{3}{2}$

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

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

- 3) On a number line from 0 to 1 split into 4 equal parts, the distance from 0 to $\frac{1}{4}$ is what part of the whole line?



A. $\frac{1}{4}$ of the line

C. $\frac{3}{4}$ of the line

B. $\frac{2}{4}$ of the line

D. The whole line

- 4) If you have the number , and you round it to the nearest 10, you get 70. You also know the number is odd. Which number could it be?

A. 65

C. 72

B. 68

D. 74

- 5) Which fraction is equivalent to $\frac{3}{4}$?

A. $\frac{3}{8}$

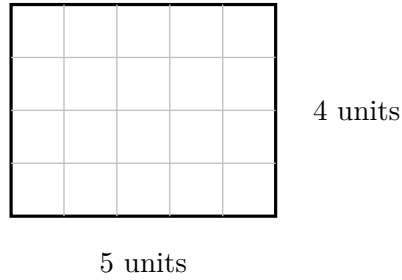
C. $\frac{6}{8}$

B. $\frac{4}{3}$

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



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6)

Count the unit squares. What is the area of the rectangle above?

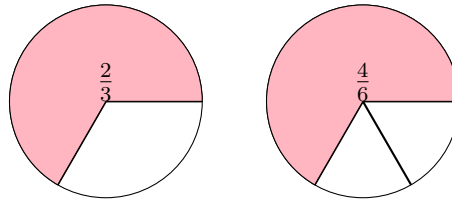
7) Which list shows skip counting by 4s?

 A. 2, 4, 6, 8, 10 C. 3, 6, 9, 12, 15 B. 5, 10, 15, 20, 25 D. 4, 8, 12, 16, 20

8) If a number line from 0 to 3 is divided into thirds, how many thirds tall is the entire line?

9) Two circles are identical. Circle X shows $\frac{3}{4}$ shaded gray. Circle Y shows $\frac{6}{8}$ shaded gray. Are the shaded parts the same size? A. They cannot be compared. C. Yes, they are equal. B. No, Circle Y is larger. D. No, Circle X is larger.

10) Look at the pies. Are $\frac{2}{3}$ and $\frac{4}{6}$ equivalent?



- A. Yes, they are equivalent
 C. No, the second is larger
 B. No, the first is larger
 D. They are different fractions
- 11) In a soccer game, Team A scores 4 goals in the first half and 5 goals in the second half. Team B scores 6 goals total. Let g be how many more goals Team A scored. Which equation is correct?

- A. $g = (4 + 5) - 6$
 C. $g = 4 + (5 - 6)$
 B. $g = 4 + 5 - 6$
 D. $g = 4 + 5 + 6$
- 12) A picture graph shows stickers collected. Each star represents 2 stickers. If Sam has 3 stars, how many stickers does Sam have?



- A. 2
 C. 6
 B. 5
 D. 8
- 13) Noah splits a number line from 0 to 1 into 2 equal parts. Then he splits each part in half again. How many equal parts are there now?

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



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1) Which fraction is NOT equivalent to $\frac{1}{3}$?

- A. $\frac{2}{6}$
 B. $\frac{1}{2}$

- C. $\frac{2}{8}$
 D. None

2) A science class measures the mass of four objects. Which is the lightest?

Object	Mass
Pencil	5 g
Eraser	10 g
Marble	7 g

- A. Pencil
 B. Eraser

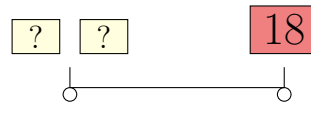
- C. Marble
 D. Pencil and Marble

3) Lily has 20 stickers. She puts them in 4 equal groups. How many stickers are in each group?

- A. 5
 B. 4

- C. 6
 D. 24

4) A balance scale is in balance. One side has 2 equal boxes. The other side has a weight labeled 18. What is the weight of each box?



$$2 \times \square = 18$$

- A. 8
 B. 11

- C. 10
 D. 9



5) Which is greater: $\frac{2}{3}$ or $\frac{2}{6}$?

6) Which is true about a unit square?

Unit
Square

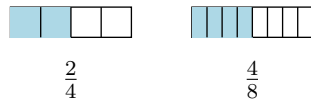
- A. All sides are different lengths
- B. All sides are 1 unit long and all angles are right angles
- C. It has area equal to its perimeter
- D. It can be any shape as long as area is 1

7) Subtract $604 - 327$ using the standard algorithm.



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- 4) Look at the bars. Which fraction is equivalent to $\frac{2}{4}$?



- A. $\frac{3}{8}$ C. $\frac{1}{4}$
 B. $\frac{4}{8}$ D. $\frac{2}{6}$
- 5) Sam earned 36 points in 6 games. If he earned the same number of points in each game, how many points did he earn per game?
- A. 5 points C. 7 points
 B. 8 points D. 6 points
- 6) If a rectangle has a length of 7 units and a width of 5 units, what is the area in square units?

- 7) Lily shares 18 crayons equally among 6 friends. How many crayons does each friend get?
- A. 2 C. 4
 B. 24 D. 3



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Practice Test Answer Keys

How to use this section with a Grade 3 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) **Choice D is correct.** **(3.OA.A.4)** The total number of stickers is unknown. Since the stickers are shared equally among 3 friends and each friend gets 6, the equation is $\square \div 3 = 6$.
- 2) **Choice C is correct.** **(3.G.A.2)** $\frac{20}{4} = 5$, $\frac{7}{1} = 7$, $\frac{8}{8} = 1$. Only $\frac{3}{2} = 1\frac{1}{2}$ is not a whole.
- 3) **Choice A is correct.** **(3.NF.A.2)** From 0 to $\frac{1}{4}$ is exactly one of the four equal parts, so it is $\frac{1}{4}$ of the whole line.
- 4) **Choice A is correct.** **(3.NBT.A.1)** Numbers from 65 to 74 round to 70. Among choices, A (65) is odd and rounds to 70. B (68) is even. C (72) is even. D (74) is even.
- 5) **Choice C is correct.** **(3.NF.A.3)** If you divide a figure into 4 parts and shade 3, then divide each part in half, you get 8 parts with 6 shaded. So $\frac{3}{4} = \frac{6}{8}$ because $\frac{3 \times 2}{4 \times 2} = \frac{6}{8}$.
- 6) **The correct answer is 20 square units.** **(3.M.B.5)** The grid shows 5 columns and 4 rows. Area = $5 \times 4 = 20$ square units. You can also add by rows: $5 + 5 + 5 + 5 = 20$ (four rows of five).
- 7) **Choice D is correct.** **(3.OA.D.9)** Skip counting by 4 means adding 4 each time: $4 + 4 = 8$, $8 + 4 = 12$, etc.
- 8) **The correct answer is 9.** **(3.NF.A.2)** From 0 to 3, there are 3 whole units. Each unit has 3 thirds, so $3 \times 3 = 9$ thirds total, or $\frac{9}{3} = 3$.
- 9) **Choice C is correct.** **(3.NF.A.2)** $\frac{3}{4} = \frac{6}{8}$ because both represent three-fourths of their circles.
- 10) **Choice A is correct.** **(3.NF.A.3)** Both pies show the same shaded amount. $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent.
- 11) **Choice A is correct.** **(3.OA.D.8)** Step 1: Team A total: $4 + 5 = 9$ goals. Step 2: How many more than Team B: $9 - 6 = 3$ more goals. Choices A and B both work (parentheses clarify order), but A is clearer.
- 12) **Choice C is correct.** **(3.DL.B.3)** Count the stars and multiply by the scale: $3 \times 2 = 6$ stickers.
- 13) **Choice C is correct.** **(3.NF.A.1)** Two parts split in half each gives $2 \times 2 = 4$ parts.
- 14) **Choices A and C are correct.** **(3.OA.A.3)** Choices A and C involve finding a total from equal groups. B, D, and E involve subtraction or addition of separate quantities.
- 15) **Choice C is correct.** **(3.M.B.4)** $7 \times 6 = 42$ unit squares.
- 16) **Choice D is correct.** **(3.OA.C.7)** Skip-counting by 2s: 0, 2, 4, 6, 8, 10. So $2 \times 5 = 10$.
- 17) **The correct answer is 25 unit squares.** **(3.M.B.4)** A square with side length 5 inches has area $5 \times 5 = 25$ square inches, which equals 25 unit squares.
- 18) **Choice D is correct.** **(3.OA.A.1)** The repeated addition $2 + 2 + 2 + 2$ has four 2's added, so it equals $4 \times 2 = 8$.
- 19) **Choice C is correct.** **(3.M.C.6)** Area = length \times width = $8 \times 5 = 40$ square meters.
- 20) **Choice B is correct.** **(3.NF.A.3)** Same numerator: fourths are bigger pieces than sixths. Two fourths is greater than two sixths.
- 21) **Choice B is correct.** **(3.M.B.3)** The vertical part has 3 unit squares. The horizontal part has 2 more unit squares. Total: $3 + 2 = 5$ unit squares cover this L-shaped figure.
- 22) **Choice C is correct.** **(3.NF.A.1)** A candy bar divided into 2 equal pieces means each piece is a unit fraction of $\frac{1}{2}$ (one-half).
- 23) **Choice B is correct.** **(3.G.A.2)** One half divided into 2 equal parts creates quarters. One quarter is $\frac{1}{4}$.
- 24) **Choice D is correct.** **(3.OA.B.6)** $24 \div 4 = \square$ means $\square \times 4 = 24$. Since $6 \times 4 = 24$, each shelf has 6 books.
- 25) **Choice B is correct.** **(3.G.A.1)** Both squares and rhombuses have 4 equal sides. The key difference is that a square must have 4 right angles, while a rhombus does not.
- 26) **Choice B is correct.** **(3.M.A.2)** Subtract: $280 - 250 = 30$ g.
- 27) **Choice C is correct.** **(3.M.B.3)** Multiply length by width: $6 \times 3 = 18$ square units.
- 28) **Choice D is correct.** **(3.NBT.A.3)** $9 \times 20 = 180$ (multiply $9 \times 2 = 18$, add zero), $6 \times 30 = 180$ (multiply $6 \times 3 = 18$, add zero), and $18 \times 10 = 180$. But $3 \times 50 = 150$ (multiply $3 \times 5 = 15$, add zero), so choice D does not equal 180.
- 29) **Choice D is correct.** **(3.OA.A.2)** Measurement division finds how many groups. Divide the total by the group size.
- 30) **Choice B is correct.** **(3.M.A.1)** $9 : 23 \text{ PM} + 9 \text{ hours} = 6 : 23 \text{ AM}$. Then $6 : 23 + 37 \text{ min} = 7 : 00 \text{ AM}$.



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Hi, Brave Trail-Walker!

◇ You walked all 9 miles of the practice trail. Smooth paths, steep climbs, narrow passes. Every step taught you something. ◇

★ **Trail guides know:** the most important thing is to keep moving. Slow steps still get you there. You have a steady stride now. ★

Trail Survey

- **Route Knowledge:** You know lots of problem types.
- **Steady Pace:** You don't rush. You don't stop.
- **Pack Loaded:** You have all the math tools you need.
- **Confidence:** You trust your training.

Guide's tip: on test day, stay on the trail you've walked before. Use the strategies you've practiced. Trust the route. The summit is one steady walk away!

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

Jay Daie

Your Math Trail Guide

STRONG TODAY. SUCCESS TOMORROW.

Give your child the tools they need to excel in **Grade 3 Math!** This book includes **9 complete practice tests** that follow grade-level standards and help students build confidence, sharpen skills, and achieve success.

9
COMPLETE PRACTICE TESTS

- ✓ Aligned to Grade 3 Standards
- ✓ Engaging, Varied, and Effective

More practice today for a **stronger** tomorrow.



THIS BOOK HELPS YOUR CHILD:



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Familiar, focused practice reduces anxiety and builds self-belief.



Strengthen Skills

Reinforces key math concepts through high-quality, standards-aligned questions.



Improve Test Readiness

Full-length tests help students understand test format, pacing, and question types.



Track Progress

Identify strengths and target areas with purposeful practice.



Achieve Success

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- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Graphing & Data Analysis
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ And More!



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Aligned to Standards



Created by Educators