

8

Georgia Milestones

GRADE 3

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



8 Full-Length
Practice Tests



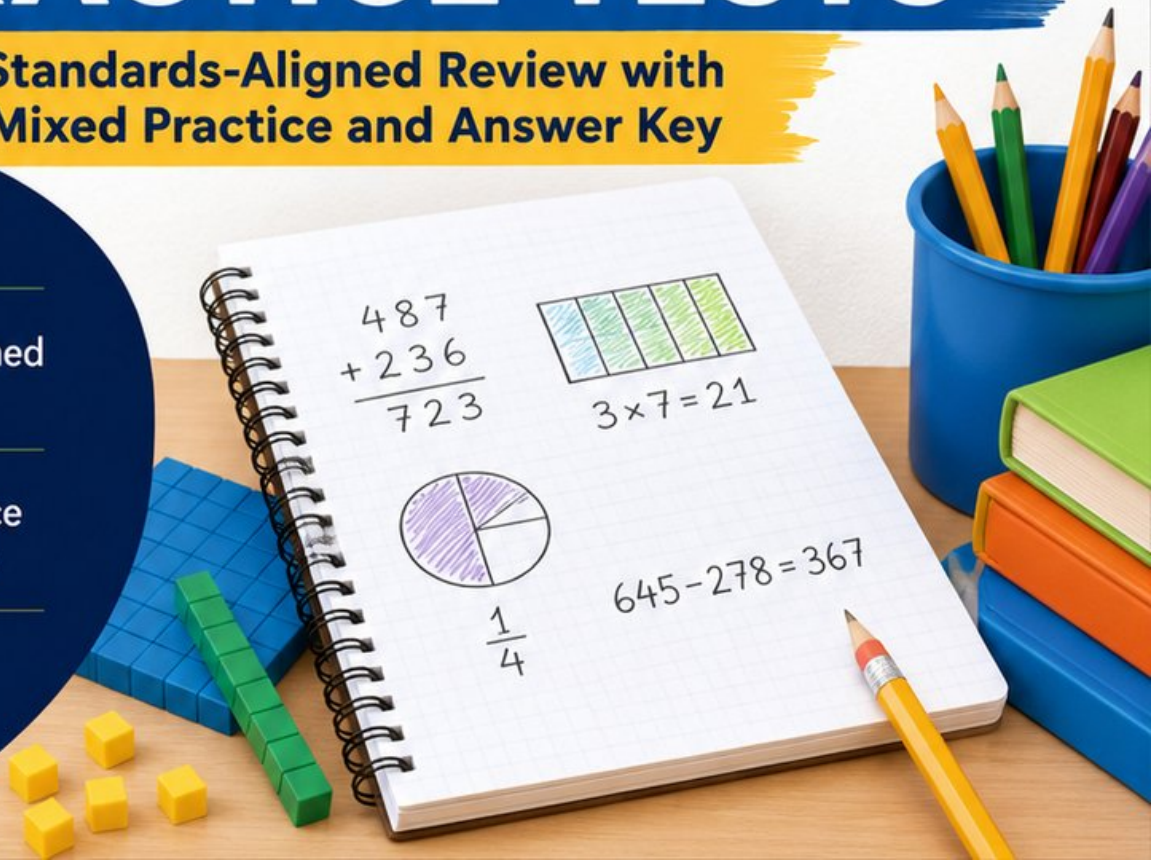
Standards-Aligned
Questions



Build Confidence
and Math Skills



Answer Key
Included



8 Georgia Milestones Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



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

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Georgia, Your Eight-Test Math Path Begins

Eight focused rounds, one stronger Grade 3 problem solver

This book gives you eight full chances to practice like a careful test taker for the Georgia Milestones. Each test is a new route through numbers, shapes, data, measurement, and word problems. Work slowly enough to notice what the question asks, and proudly enough to show your thinking.

Georgia has peach orchards, pine forests, city streets, coastal marshes, and warm classroom energy, where careful steps matter. Strong math follows that same path: notice the question, choose a tool, show the work, and check facts before making a final choice.

Your Georgia Math Promise

I will read the whole question, choose a smart strategy, write clear work, and check whether my answer makes sense.

Eight rounds. Thirty questions each. One careful step at a time.

How to Use This Book

A simple eight-round routine for confident review

Use this Georgia book as a practice plan, not a race. Finish one test, review it, fix a few problems, then carry one better habit into the next test.

1. **Preview the reference page.** Notice units, time, and measurement facts before you begin.
2. **Take one full test.** Circle anything that feels tricky so you can return to it.
3. **Check the answer key.** Mark correct answers and questions to try again.
4. **Read explanations.** Study missed items and lucky guesses first.
5. **Redo three problems.** Write fresh work without copying the explanation.
6. **Name one habit.** Pick a focus such as labels, facts, fractions, or neat work.
7. **Try the next test.** Bring that habit forward.
8. **Finish with a final check.** Look for growth across all eight tests.

Best review habit: In Georgia, strong practice means slowing down enough to see the clue. When an answer is wrong, ask, “What step would I change next time?”



What Is Inside the Eight Tests?

Mixed Grade 3 math practice for the Milestones

Each practice test has 30 questions. You will see multiple-choice questions, select-all questions, and open-ended questions with workspace. The mix helps students practice both choosing an answer and explaining a short mathematical result.

Part	What to Expect
Eight full tests	30 mixed Grade 3 questions in each round
Math topics	multiplication, division, place value, fractions, time, measurement, data, area, perimeter, and shapes
Answer keys	compact answer boxes for quick checking
Explanations	short reasoning for every item so mistakes become useful review
Progress pages	places to record scores, habits, and next-step goals

Georgia focus: The practice path starts with peach orchards, pine forests, city streets, coastal marshes, and warm classroom energy. Strong math uses the same idea: know the path, follow the clues, and check the final answer.

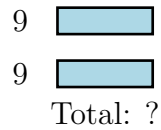


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- 1) Below is a bar model showing equal groups. There are 2 groups with 9 items in each group.



What is the total?

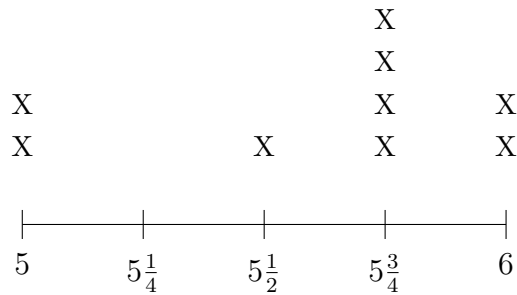
- A. 18 C. 11
- B. 16 D. 27
- 2) Find $(2 \times 3) \times 4$.

- 3) A bar graph shows plants in pots. One bar is 4 units (scale: 3), another is 5 units (scale: 3). What is the total?

- A. 9 C. 15
- B. 12 D. 27
- 4) Lily bakes 36 cupcakes. She divides them equally into 4 boxes. She sells 2 boxes. How many cupcakes does she have left?
- A. 9 C. 27
- B. 18 D. 36



8) A line plot shows book lengths in inches with quarters: $5, 5\frac{1}{4}, 5\frac{1}{2}, 5\frac{3}{4}, 6$.



What is the least common book length?

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

9) Which picture shows 18 items divided equally into 6 groups?

- A. Six groups of two



- B. Three groups of six



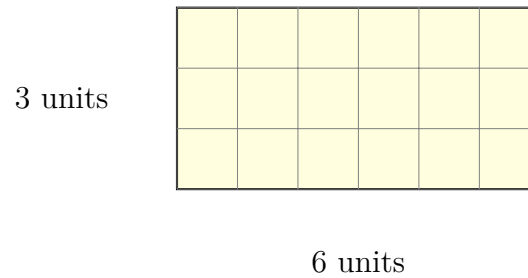
- C. Eighteen groups of one



- D. Six groups of three



1) Look at the rectangle. It is 6 units long and 3 units wide. What is the area?

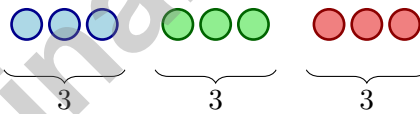


- A. 9 square units C. 18 square units
 B. 12 square units D. 15 square units

2) What is the missing number? $28 \div \square = 7$

- A. 3 C. 5
 B. 6 D. 4

3) Which division sentence matches this picture?



- A. $9 \div 1$ C. $3 \div 3$
 B. $9 + 3$ D. $9 \div 3$



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4) Look at this schedule table.

Event	Time
Math class starts	9 : 10 AM
Math class ends	10 : 03 AM
Lunch starts	12 : 00 PM

How long is math class?

- A. 50 minutes C. 55 minutes
 B. 53 minutes D. 1 hour
- 5) A recipe calls for 3 kg of flour. Noah already has 1500 g. How many more grams does he need?

- A. 1000 g C. 2000 g
 B. 1500 g D. 3000 g

6) A garden has 4 rows of flowers. Each row has 7 flowers. How many flowers are in the garden?

- A. 24 flowers C. 32 flowers
 B. 11 flowers D. 28 flowers



7) Top and bottom are parallel

In a trapezoid, exactly how many pairs of parallel sides are there?

- A. 0 pairs C. 2 pairs
 B. 1 pair D. 3 pairs



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 A is correct.** **(3.PAR.3.7)** Multiply: 2 groups \times 9 items per group = 18 total.
- 2) **The correct answer is 24.** **(3.PAR.3.3)** $(2 \times 3) \times 4 = 6 \times 4 = 24$.
- 3) **Choice D is correct.** **(3.MDR.5.1)** First: $4 \times 3 = 12$. Second: $5 \times 3 = 15$. Total: $12 + 15 = 27$.
- 4) **Choice B is correct.** **(3.PAR.2.2)** Step 1: Divide: $36 \div 4 = 9$ cupcakes per box. Step 2: Find unsold: $4 - 2 = 2$ boxes left, which is $2 \times 9 = 18$ cupcakes. (Choice A is step 1 only.)
- 5) **Choice C is correct.** **(3.NR.4.1)** The lines do not create equal parts. Lines from the center must divide a circle into equal angles to make equal parts.
- 6) **Choice B is correct.** **(3.GSR.7.3)** Multiply length by width: $8 \times 3 = 24$ tiles.
- 7) **Choice A is correct.** **(3.PAR.3.4)** Area = $9 \times 2 = 18$ square feet.
- 8) **Choice B is correct.** **(3.MDR.5.4)** At $5\frac{1}{2}$, there is only 1 X. At 5 and 6 there are 2 each, and at $5\frac{3}{4}$ there are 4.
- 9) **Choice D is correct.** **(3.NR.4.1)** $18 \div 6 = 3$. The picture shows 6 equal groups, each with 3 items.
- 10) **The correct answer is 7.** **(3.PAR.3.7)** $56 \div 8 = 7$ because $7 \times 8 = 56$. Division and multiplication are inverse operations.
- 11) **Choice A is correct.** **(3.MDR.5.5)** A 2×2 square uses 4 unit squares and has equal side lengths. Choices B and C also use 4 unit squares but are not squares with equal side lengths. Choice D uses 6 unit squares.
- 12) **Choice D is correct.** **(3.PAR.3.7)** Divide: $18 \div 2 = 9$. Each box weighs 9 units. Check: $2 \times 9 = 18$.
- 13) **Choice B is correct.** **(3.MDR.5.5)** Half of 300 mL is $300 \div 2 = 150$ mL.
- 14) **The correct answer is 64.** **(3.PAR.3.2)** $8 \times 8 = 64$. Eight groups of 8 equals 64.
- 15) **Choice B is correct.** **(3.GSR.7.1)** Counting the 8 unit squares in the grid gives an area of 8 square units.
- 16) **Choices C and D are correct.** **(3.GSR.7.2)** Rhombuses and squares both have all 4 sides equal in length. A square is a special rhombus with right angles. Rectangles can have unequal sides (length and width). Trapezoids and general parallelograms do not require equal sides.
- 17) **Choice A is correct.** **(3.NR.4.4)** $\frac{4}{2}$ means 4 halves. 2 halves make 1 whole, so $4 \div 2 = 2$ wholes.
- 18) **Choice A is correct.** **(3.NR.4.2)** $\frac{2}{8}$ and $\frac{1}{4}$ both equal one-quarter of a whole.
- 19) **Choice A is correct.** **(3.NR.1.3)** 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.
- 20) **Choice B is correct.** **(3.NR.4.1)** Sam is at tick 1 and Maya is at tick 3. The distance between them is $3 - 1 = 2$ parts.
- 21) **Choice B is correct.** **(3.NR.4.1)** The unit fraction is $\frac{1}{3}$. The second tick is at two unit fractions: $2 \times \frac{1}{3} = \frac{2}{3}$.
- 22) **Choice D is correct.** **(3.PAR.2.2)** Add: $127 + 234 = 361$. Ones: $7 + 4 = 11$ (write 1, carry 1). Tens: $2 + 3 + 1 = 6$. Hundreds: $1 + 2 = 3$.
- 23) **Choice B is correct.** **(3.MDR.5.2)** The minute hand points to 36 minutes, just past the 7. The hour hand is between 6 and 7, closer to 7. The time is 6 : 36.
- 24) **Choice A is correct.** **(3.GSR.7.2)** Splitting 6 into $4 + 2$ and using the distributive property gives the same total area of 42.
- 25) **Choice B is correct.** **(3.NR.1.2)** Two halves is one whole. Two sixths is less than one whole. So $\frac{2}{2} > \frac{2}{6}$.
- 26) **Choice C is correct.** **(3.GSR.8.2)** One part: $10 \times 2 = 20$ sq units. Other part: $4 \times 3 = 12$ sq units. Total: $20 + 12 = 32$ sq units.
- 27) **Choice B is correct.** **(3.NR.4.4)** Multiply numerator and denominator by 2: $\frac{2 \times 2}{4 \times 2} = \frac{4}{8}$.
- 28) **Choice A is correct.** **(3.PAR.2.2)** Rectangle A is divided into 4 equal parts with 1 shaded, which is $\frac{1}{4}$. Rectangle B has unequal parts, so it does not show $\frac{1}{4}$.
- 29) **Choice D is correct.** **(3.PAR.3.2)** $3 \times 1 = 3$, $3 \times 2 = 6$, $3 \times 3 = 9$, etc. The difference between consecutive products is always 3.
- 30) **Choice D is correct.** **(3.NR.4.4)** $\frac{2}{4}$ and $\frac{4}{8}$ are equivalent because both show one-half of the bar shaded. When denominator doubles, the numerator also doubles to maintain the same-size region.



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Hi, Math Detective!

◇ You did such a great job! You finished 8 tests like a real detective. You found the clues, used your tools, and solved the math. ◇

★ **Detectives know:** good work takes time. You took your time. You looked carefully. You found the answers! ★

Your Detective Skills

- **Sharp Eyes:** You notice the small details.
- **Smart Plans:** You pick the right way to solve.
- **Brave Heart:** You try even when it's tricky.
- **Steady Work:** You finish what you start.

Detective tip: on test day, look carefully at each problem. Underline important words. Then solve like the detective you are!

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

Jay Daie

Your Math Detective Helper

PRACTICE TODAY. MASTER TOMORROW.

This book is designed to help **Grade 3** students strengthen their math skills through focused practice and real progress.

- ✓ 8 full-length practice tests
- ✓ Aligned to Grade 3 standards
- ✓ Build confidence and achieve success



EACH PRACTICE TEST INCLUDES:



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Questions



Variety of
Question
Types



Real-World
Math
Applications



Step-by-Step
Progress
Tracking



Build Skills
and Boost
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