

# 6

# Georgia Milestones

## GRADE 3

# MATH

## PRACTICE TESTS

Standards-Aligned Practice with  
Review, Answer Keys, and Explanations



6 Full-Length  
Practice Tests



Detailed Answer Keys  
and Explanations



Master Skills.  
Boost Scores.  
Succeed!

# 6 Georgia Milestones Grade 3 Math Practice Tests

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



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

**Jay Daie and Reza Nazari**



# Copyright ©

**Testinar Inc**



Published by Testinar Inc

[Testinar.com](http://Testinar.com)

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.



*Copyright ©*

# Welcome to the Six Skill Labs

Six full tests, six focused resets, and a stronger Grade 3 problem solver



Notice the pattern. Choose a tool. Explain the answer.

## To the Grade 3 Math Builder

This book gives you six practice labs for the Georgia Milestones. Each lab is a complete 30-question test, so students can practice accuracy, stamina, and clear mathematical thinking.

Georgia brings peach orchards, pine forests, city streets, and coastal marshes. Strong math uses that same care: read the task, select a strategy, build the solution, and check facts before making a final choice.

### Decode

Find the question, the units, and the useful numbers.

### Design

Use an equation, array, number line, graph, or sketch.

### Confirm

Make sure the answer matches the question.

**Six-lab promise:** I will work with patience, show useful thinking, and treat corrections as part of learning.

# How to Use This Book

A six-lab routine for steady Grade 3 growth

Use one practice lab at a time. The goal is not only to finish more pages. The goal is to finish, review, repair, and bring a smarter habit to the next test. For Georgia students, each lab is a short route through peach orchards, pine forests, city streets, and coastal marshes: steady, alert, and ready for the next clue.

1. **Warm up.** Skim the reference materials and remind yourself of common tools.
2. **Take one test.** Work steadily and mark problems that need a second look.
3. **Check answers.** Use the compact answer keys first.
4. **Read explanations.** Study missed items and any lucky guesses.
5. **Redo two problems.** Rewrite the work cleanly without peeking.
6. **Set the next lab goal.** Choose one skill or habit to improve.

**Best review habit:** A mistake is most useful when you can say why it happened and what you will do differently next time.



## What Is Inside?

Six complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–6	Solve six different 30-question tests.	Build stamina and see Grade 3 skills mixed together.
Answer Keys	Check each answer in compact boxes.	Find mistakes quickly without losing your place.
Explanations	Read why each answer works.	Turn missed items into a clear next step.
Standards Reference	See how Georgia Grade 3 standards connect to practice.	Understand the skills behind the questions.

Each test has 26 multiple-choice questions, 1 select-all question, and 3 open-ended questions. This gives students practice with quick decisions, careful reading, and short written math answers for the Georgia Milestones path.



Scan me!  
For more practice  
& answers

# Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	38
★ Practice Test 4	_____	49
★ Practice Test 5	_____	61
★ Practice Test 6	_____	74
<b>Practice Test Answer Keys</b>	_____	<b>86</b>
<b>Practice Test Answers and Explanations</b>	_____	<b>90</b>

1) A number line has unit fractions that are each  $\frac{1}{4}$  long. The number line goes from 0 to 1. How many unit fractions fit exactly?

A. 3

C. 5

B. 4

D. 6

2) Ben draws a rectangle on a grid. It has 4 rows of unit squares and 5 columns. What is the area?

A. 18 sq units

C. 9 sq units

B. 24 sq units

D. 20 sq units

3) Find  $6 \times 5 + 6 \times 3$ .



4) A picture graph shows books checked out. Each book symbol is 10 books. Class A checked out 5 symbols, Class B checked out 3 symbols. How many more books did Class A check out?

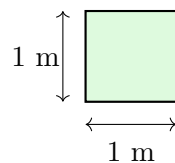
A. 2

C. 50

B. 20

D. 80

5) A unit square measured in meters has side length 1 m. What is the area?



A. 1 meter

C. 1 square meter

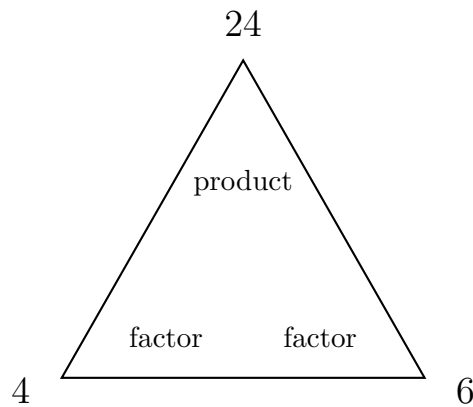
B. 2 square meters

D. 4 square meters





9) Look at the fact-family triangle below. If  $4 \times 6 = 24$ , what is  $24 \div 4$ ?



- A. 4  
 B. 28

- C. 24  
 D. 6

10) This rectangle is divided into unit squares.



Which multiplication sentence shows the area?

- A.  $5 \times 2 = 10$   
 B.  $5 \times 5 = 25$

- C.  $2 \times 2 = 4$   
 D.  $7 \times 2 = 14$

11) A rectangle has length 4 and width 2. How many sides does it have?



1) Lily knows that  $3 \times 6 = 18$ . How does this help her find  $3 \times 7$ ?

A. Add 3 to get  $18 + 3 = 21$

C. Add 7 to get  $18 + 7 = 25$

B. The answer is 18

D. Multiply 18 by 7

2) Sophia has 50 dollars. She buys 2 items that cost 9 dollars each. How much money does she have left? (Hint: Check that your answer is less than 50.)

A. 28

C. 32

B. 30

D. 50

3) Noah has  $\frac{2}{6}$  of a chocolate bar. What is an equivalent fraction that shows the same amount?

A.  $\frac{1}{3}$

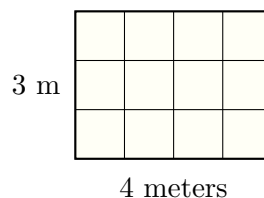
C.  $\frac{2}{3}$

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

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

4) Mia has some coins. She splits them equally into 6 groups. Each group has 8 coins. How many coins did Mia have to start?

5) Sam builds a small garden bed using 1-meter by 1-meter tiles (unit squares). He arranges them in a 4-meter by 3-meter rectangle. How many tiles does he use?

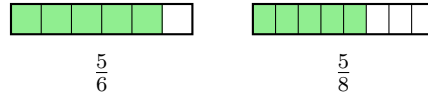


A. 7 tiles

C. 12 tiles

B. 10 tiles

D. 16 tiles



6)

Compare  $\frac{5}{6}$  and  $\frac{5}{8}$ . Which is true?

A.  $\frac{5}{6} < \frac{5}{8}$

B.  $\frac{5}{6} > \frac{5}{8}$

C.  $\frac{5}{6} = \frac{5}{8}$

D.  $\frac{5}{8} > \frac{5}{6}$

7) A rectangle is partitioned into two parts with areas 21 and 12. Both share a width of 3. Which equation uses the distributive property to add the two smaller areas?

A.  $3 \times (7 + 4) = 3 \times 11 = 33$

C.  $3 + 7 + 4 = 14$

B.  $3 \times (7 + 4) = (3 \times 7) + (3 \times 4) = 21 + 12 = 33$

D.  $(7 \times 4) + (3) = 31$

8) Which statement correctly compares a square and a rectangle?

A. Every rectangle is a square

C. They are never related

B. Every square is a rectangle

D. A square has no parallel sides

9) Eli drinks juice from a bottle. The bottle contained 1 liter. After he drinks some, 300 mL remains. How much juice did he drink?

A. 300 mL

C. 700 mL

B. 500 mL

D. 1000 mL

10) A classroom has 2 shelves. Each shelf has 9 books. How many books are on the shelves?

A. 18

C. 20

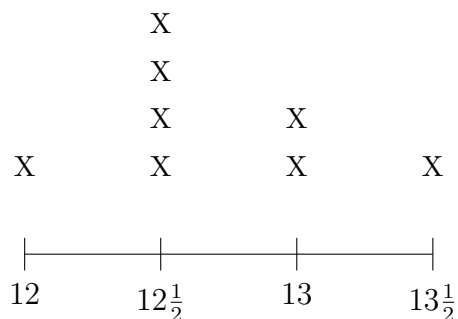
B. 11

D. 7



Scan me!  
For more practice  
& answers

1) A line plot shows ruler lengths in inches:  $12, 12\frac{1}{2}, 13, 13\frac{1}{2}$ .

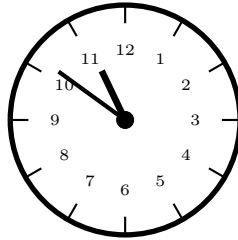


What is the most frequent ruler length?

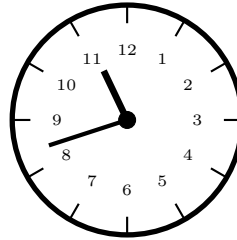
- A. 12 inches
  - B.  $12\frac{1}{2}$  inches
  - C. 13 inches
  - D.  $13\frac{1}{2}$  inches
- 2) Which strategy uses 10 groups of 4 and subtracts 1 group of 4 to find  $9 \times 4$ ?
- A.  $9 \times 4 = (5 \times 4) + (4 \times 4) = 20 + 16 = 36$
  - B.  $9 \times 4 = (8 \times 4) + (1 \times 4) = 32 + 4 = 36$
  - C.  $9 \times 4 = 9 \times (2 \times 2) = 9 \times 4 = 36$
  - D.  $9 \times 4 = (10 \times 4) - (1 \times 4) = 40 - 4 = 36$
- 3) Lily and Mia are comparing rectangles. Lily's rectangle is 6 units long and 5 units wide. Mia's rectangle is 7 units long and 4 units wide. Who has the larger area?
- A. Mia
  - B. Lily
  - C. They are equal
  - D. Cannot be determined
- 4) Lily wrote these four facts about the same numbers. Which one does NOT belong in the fact family?
- A.  $36 \div 6 = 6$
  - B.  $9 \times 4 = 36$
  - C.  $36 \div 9 = 4$
  - D.  $4 \times 9 = 36$

5) Which clock shows a time of 10 : 51?

Option 1



Option 2



A. Option 1

C. Neither

B. Option 2

D. Both

6) Noah buys 2 toy cars. Each car costs \$8. How much money does Noah spend?

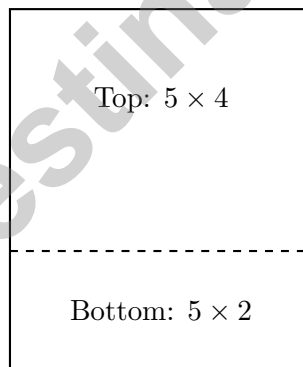
A. \$6

C. \$18

B. \$10

D. \$16

7) A rectangle is split by a horizontal line into two parts:



Total height: 6 units

Width: 5 units

Which equation uses the distributive property to find the total area?

A.  $5 \times 2 = 10$  only

C.  $2 + 4 + 5 = 11$

B.  $5 \times (2 + 4) = (5 \times 2) + (5 \times 4) =$

D.  $6 \times 5 = 30$

$10 + 20 = 30$



Scan me!  
For more practice  
& answers

## 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.**

Testinar.com



## Practice Test Answers and Explanations

### Practice Test 1 Answers and Explanations

- Choice B is correct. **(3.NR.4.1)** The denominator 4 tells us exactly 4 parts of size  $\frac{1}{4}$  fit from 0 to 1.
- Choice D is correct. **(3.PAR.3.4)** Area = rows  $\times$  columns =  $4 \times 5 = 20$  square units.
- The correct answer is 48. **(3.PAR.3.3)**  $6 \times 5 = 30$  and  $6 \times 3 = 18$ , so  $30 + 18 = 48$ .
- Choice B is correct. **(3.MDR.5.1)** Class A:  $5 \times 10 = 50$ . Class B:  $3 \times 10 = 30$ . Difference:  $50 - 30 = 20$ .
- Choice C is correct. **(3.MDR.5.5)** A unit square with side 1 m has area  $1 \text{ m} \times 1 \text{ m} = 1 \text{ m}^2 = 1$  square meter.
- Choice D is correct. **(3.PAR.3.2)**  $5 \times 6 = 30$ . The pattern is 6, 12, 18, 24, 30, adding 6 each time.
- Choice C is correct. **(3.PAR.2.2)** Picture C shows a rectangle divided into 3 equal parts with 1 part shaded, which is  $\frac{1}{3}$ .
- Choice B is correct. **(3.NR.1.2)** Comparing the shaded areas: two thirds covers more of the bar than one half does.
- Choice D is correct. **(3.PAR.3.7)** In a fact-family triangle, the product is at the top and the factors are at the bottom. If  $4 \times 6 = 24$ , then  $24 \div 4 = 6$ . The factors are the answers when dividing.
- Choice A is correct. **(3.MDR.5.5)** The rectangle has 5 units wide and 2 units tall.  $5 \times 2 = 10$  sq units.
- The correct answer is 4 sides. **(3.GSR.7.2)** A rectangle is a quadrilateral, so it has 4 sides.
- Choice C is correct. **(3.PAR.3.5)**  $2 \times 8 = 16$ , then multiply by 10:  $2 \times 80 = 160$ . You multiply the single digits first, then add one zero.
- Choice C is correct. **(3.NR.4.1)**  $\frac{4}{6}$  means count 4 copies of unit  $\frac{1}{6}$  starting at 0. The 4th tick mark is  $\frac{4}{6}$ .
- Choices B and C are correct. **(3.PAR.3.7)** Choice B is true because  $48 \div 6 = 8$ . Choice C is true because  $7 \times 7 = 49$ . Choice A is false ( $6 \times 8 = 48$ , not 42). Choice D is false ( $54 \div 9 = 6$ , not 5). Choice E is false ( $4 \times 9 = 36$ , not 35).
- Choice C is correct. **(3.PAR.3.5)** Area = width  $\times$  height =  $6 \times 9 = 54$  square inches.
- Choice A is correct. **(3.NR.4.4)** Both rectangles show the same shaded amount.  $\frac{1}{3} = \frac{2}{6}$  because  $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$ .
- Choice D is correct. **(3.NR.4.1)** 5 pots with 6 flowers each means 5 groups of 6. So  $5 \times 6 = 30$  flowers.
- Choice A is correct. **(3.PAR.3.7)** Multiply: 4 tables  $\times$  7 students per table = 28 students.
- Choice A is correct. **(3.GSR.7.2)** The distributive property breaks 5 into 2 + 3 and multiplies 7 by each part.
- Choice A is correct. **(3.NR.4.2)** Both bars show the same shaded amount. Both equal half.
- Choice B is correct. **(3.NR.4.1)** Five shaded parts out of 8 equal parts is  $\frac{5}{8}$ .
- Choice B is correct. **(3.NR.4.4)** 15 thirds means  $15 \div 3 = 5$  wholes. Each candy bar had 3 thirds.
- Choice A is correct. **(3.PAR.2.2)** Step 1: Find total pencils:  $5 \times 6 = 30$ . Step 2: Subtract:  $30 - 10 = 20$  pencils. (Choice C is the answer to step 1 only—students must complete both steps.)
- Choice D is correct. **(3.NR.1.3)** The tens digit is 5. Since  $5 \geq 5$ , round up: 751 rounds to 800.
- Choice D is correct. **(3.PAR.2.2)** Ones:  $1 - 9$  requires regrouping, so  $11 - 9 = 2$ . Tens: after regrouping,  $4 - 2 = 2$ . Hundreds:  $7 - 3 = 4$ . The correct answer is 422, so  $751 - 329 = 412$  is incorrect.
- Choice C is correct. **(3.NR.4.4)**  $\frac{3}{4} = \frac{6}{8}$  because both represent three-fourths of their circles.
- Choice A is correct. **(3.NR.4.1)** The picture shows 12 items split into 6 equal groups. The division sentence is  $12 \div 6 = 2$ .
- The correct answer is 1 inch. **(3.MDR.5.4)** Range = max - min =  $8 - 7 = 1$  inch.
- Choice D is correct. **(3.PAR.3.2)**  $7 \times 5 = 35$ . You can use the related division:  $35 \div 5 = 7$ .
- Choice C is correct. **(3.MDR.5.5)** 1 L = 1000 mL. Subtract:  $1000 - 750 = 250$  mL.

### Practice Test 2 Answers and Explanations

- Choice B is correct. **(3.NR.4.1)** If each part is  $\frac{1}{5}$ , then there are 5 equal parts total.



---

Cheer Squad Final Pep Talk

---

## Hi, Math Star!

◇ 6 practice tests! That's a LOT of work, and you did it ALL. I am cheering so loud right now. You earned every clap and every cheer! ◇

★ **Cheerleader truth:** confidence is built by showing up. You showed up 6 times. That's real confidence. It is not pretend! ★

### Cheer Roll Call

- **Effort:** 100% YOU SHOWED UP!
- **Heart:** BIG!
- **Skills:** STRONG and growing!
- **Spirit:** BRIGHT!

**Cheer tip:** on test day, be your own cheerleader. Whisper to yourself: "I can do this. I practiced." Tiny cheers make a big difference!

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 Cheerleader

# BUILD CONFIDENCE. MASTER MATH. ACHIEVE SUCCESS!



This **Grade 3 Math Practice Tests** book is the perfect companion for students who want to strengthen their math skills and excel in school. With **6** full-length practice tests designed to reflect real test formats, students get the practice they need to understand key concepts, build problem-solving skills, and tackle any challenge with confidence.

## PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Test Preparation

★ **PREPARE TODAY.  
SUCCEED TOMORROW!**

## WHAT STUDENTS WILL GAIN:



### Stronger Concepts

Reinforce key Grade 3 math skills and build a solid foundation.



### Better Problem Solving

Develop critical thinking and solve problems with ease.



### Test Confidence

Get familiar with test formats and reduce exam stress.



### Track Progress

Measure improvement and focus on areas that matter.



### Achieve Success

Build the skills and confidence to reach higher goals.

## TOPICS COVERED:

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



Visit [testinar.com/math5](https://testinar.com/math5) for more Grade 3 math resources and practice materials!

## PRACTICE MORE. ACHIEVE MORE.

Give your child the tools they need to succeed in math and beyond!



Aligns with Grade 3 Learning Standards



Builds Critical Thinking & Problem-Solving