

# 6 Georgia Milestones

## GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**MASTER KEY MATH CONCEPTS**  
**BUILD CONFIDENCE FOR TEST DAY**

**INCLUDES COMPREHENSIVE ANSWER KEY**  
**ALIGNED STATE STANDARDS**

# 6 Georgia Milestones Grade 4 Math Practice Tests

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



Six complete 30-question Grade 4 practice rounds for Milestones, built around peach orchards, city lights, and patient problem solving, with answer keys and clear explanations for every item.

**Jay Daie and Reza Nazari**



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# Welcome, Georgia Math Explorer!

Six steady rounds on the Peach State math route

This book gives you six full Grade 4 practice tests for Milestones. Each round uses peach orchards, city lights, and patient problem solving to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

## Georgia 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 Georgia Milestones 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 Peach 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?

Six tests, 180 questions, and a full Milestones review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 4–6	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

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1) What is  $42 \times 13$ ?

A. 546

C. 486

B. 526

D. 626

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

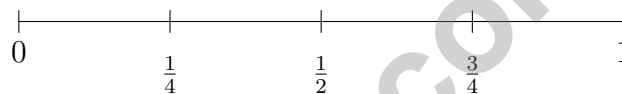
A.  $\frac{3}{24}$  miles

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

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

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

3) Three fractions are shown on the number line. Which is closest to 1?



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

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

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

D. All are equally close

4) An angle is formed by two rays. If the angle measures  $165^\circ$  and one part is  $92^\circ$ , what is the measure of the other part?

A.  $73^\circ$

C.  $92^\circ$

B.  $257^\circ$

D.  $100^\circ$

5) Which of these is NOT equivalent to  $\frac{1}{3}$ ?

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

C.  $\frac{2}{5}$

B.  $\frac{3}{9}$

D.  $\frac{4}{12}$

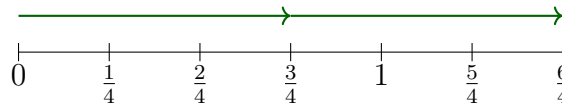




9) When you measure an angle with a protractor, the vertex of the angle should be placed where?

- A. At the center point of the protractor  
 B. At the top of the protractor  
 C. At the 0-degree mark  
 D. Anywhere on the flat edge

10) Use the number line to find  $2 \times \frac{3}{4}$ .



A.  $\frac{5}{4}$   
 B.  $\frac{6}{4}$  or  $1\frac{1}{2}$   
 C.  $\frac{3}{4}$   
 D.  $\frac{8}{4}$  or 2

11) Carmen ate  $\frac{3}{8}$  of a pizza. Her brother ate  $\frac{2}{8}$  of the same pizza. What fraction of the pizza did they eat altogether?

- A.  $\frac{1}{8}$   
 B.  $\frac{5}{8}$   
 C.  $\frac{6}{8}$   
 D.  $\frac{5}{16}$

12) A teacher has 10 identical items to share equally among her class. If each student gets  $\frac{1}{10}$  of all the items, how many students are in the class?

- A. 1 student  
 B. 5 students  
 C. 10 students  
 D. 20 students

13) What is  $\frac{4}{10}$  as a fraction with denominator 100?

- A.  $\frac{4}{100}$   
 B.  $\frac{14}{100}$   
 C.  $\frac{40}{100}$   
 D.  $\frac{44}{100}$



- 1) A restaurant uses 9 tablespoons of salt in each pot of soup. If they make 8 pots of soup and then use an additional 12 tablespoons for seasoning, how many tablespoons of salt do they use in total?

- 2) Liam collected 40 pennies. Liam collected 5 times as many pennies as his friend. How many pennies did his friend collect?

- A. 45                       C. 35  
 B. 20                       D. 8

- 3) Which fraction can be written as  $4 \times \frac{1}{5}$ ?

- A.  $\frac{4}{5}$                        C.  $\frac{4}{20}$   
 B.  $\frac{1}{20}$                        D.  $\frac{5}{4}$

- 4) In the number 5,309, what is the value of the 3?

- A. 3                       C. 300  
 B. 30                       D. 3,000

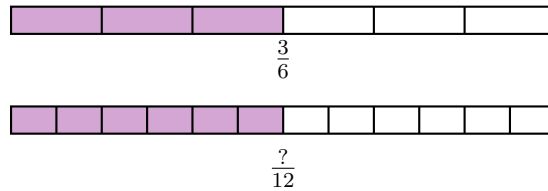
- 5) A paper is folded. The fold creates an angle of  $70^\circ$ . Another fold creates an angle of  $20^\circ$ . If both folds meet at the same point, what is the combined angle measure?

- A.  $50^\circ$                        C.  $100^\circ$   
 B.  $90^\circ$                        D.  $140^\circ$



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6) Look at the two fraction bars. Both are the same length.



What number replaces the question mark?

- A. 4                       C. 6  
 B. 5                       D. 8

7) Alex has 7 pencils. Jordan has 3 times as many pencils. How many pencils does Jordan have?

- A. 10                       C. 7  
 B. 4                       D. 21

8) Which number sentence is incorrect?

- A.  $1 \times \frac{1}{8} = \frac{1}{8}$                        C.  $5 \times \frac{1}{5} = \frac{5}{10}$   
 B.  $4 \times \frac{1}{6} = \frac{4}{6}$                        D.  $2 \times \frac{1}{3} = \frac{2}{3}$

9) Write 0.7 in hundredths.



1) Ava’s eraser costs \$0.32. Which fraction shows this price?

A.  $\frac{32}{10}$

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

C.  $\frac{32}{100}$

D.  $\frac{32}{1000}$

2) Look at the base-ten model below. What number does it represent?



A. 6,142

B. 4,612

C. 1,462

D. 4,162

3) What is  $6\frac{1}{5} + 2\frac{3}{5}$ ?

A.  $8\frac{2}{5}$

B.  $8\frac{3}{5}$

C.  $8\frac{4}{5}$

D.  $9\frac{1}{5}$

4) A recipe uses  $\frac{3}{4}$  cup of flour and  $\frac{2}{3}$  cup of sugar. Which amount is greater?

5) A recipe needs 3 cups of milk. How many tablespoons is this? (Hint: 1 cup = 16 tablespoons)

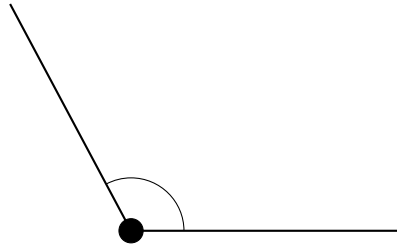
A. 16

B. 24

C. 32

D. 48

6)



This angle is bigger than a right angle. What is it called?

- A. Acute                                       C. Obtuse  
 B. Right                                         D. Straight

7) A student folds a piece of paper creating a crease. The angle on one side of the crease is  $67^\circ$ . If the total angle formed is  $134^\circ$ , what is the angle on the other side?

- A.  $67^\circ$                                          C.  $201^\circ$   
 B.  $68^\circ$                                          D.  $134^\circ$

8) Here is a line plot with measurements in fourths:



What is the range (difference between highest and lowest values) on this line plot?

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



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& answers

## 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.NR.2.3) Split the multiplier:  $42 \times (10 + 3) = 420 + 126 = 546$ .
- Choice B is correct.** (4.NR.2.3) Carter runs  $\frac{3}{8}$  mile each morning for 3 mornings. We multiply:  $3 \times \frac{3}{8} = \frac{9}{8}$  miles.
- Choice C is correct.** (4.NR.4.2) On a number line from 0 to 1,  $\frac{3}{4}$  sits farthest to the right, closest to 1.
- Choice A is correct.** (4.GSR.7.1) The angle is split into two parts. Subtract to find the missing one:  $165^\circ - 92^\circ = 73^\circ$ .
- Choice C is correct.** (4.NR.4.2) Check each option:  $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$ . All equivalent! But  $\frac{2}{5}$  is different because when you cross-multiply,  $2 \times 3 = 6$  but  $5 \times 1 = 5$ .
- Choice A is correct.** (4.GSR.8.1) This trapezoid has two slanted sides of different lengths (legs), making it lopsided. No fold line can create two matching halves. The answer is **0** lines of symmetry.
- Choice A is correct.** (4.NR.4.4) The pie has light blue section ( $\frac{2}{8}$ ) and dark blue section ( $\frac{3}{8}$ ). Total:  $2 + 3 = 5$ , so  $\frac{2}{8} + \frac{3}{8} = \frac{5}{8} \checkmark$ .
- Choice B is correct.** (4.NR.2.3) The number line shows three equal jumps of  $\frac{1}{5}$  each, landing at  $\frac{3}{5}$ . This matches  $3 \times \frac{1}{5} = \frac{3}{5}$ .
- Choice A is correct.** (4.GSR.7.1) The vertex is where the two rays meet—this is the pivot point of the angle. To measure accurately, this point must be placed right at the center dot or mark on the protractor. This is how we align everything correctly. The answer is at the center point.
- Choice B is correct.** (4.NR.2.3) On the number line, we make 2 jumps of  $\frac{3}{4}$  each, landing at  $\frac{6}{4} = 1\frac{1}{2}$ . So  $2 \times \frac{3}{4} = 1\frac{1}{2}$ . The answer is  $1\frac{1}{2}$ .
- Choice B is correct.** (4.NR.4.4) They both ate pieces from the same pizza! Add them with like denominators:  $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$  of the pizza altogether.
- Choice C is correct.** (4.NR.2.3) Each student gets  $\frac{1}{10}$  of all the items. If we have 10 students, each getting  $\frac{1}{10}$ , that's  $10 \times \frac{1}{10} = 1$ , which accounts for all items.
- Choice C is correct.** (4.NR.5.1) To convert  $\frac{4}{10}$  to hundredths, multiply both the numerator and denominator by 10:  $\frac{4}{10} = \frac{40}{100}$ .
- Choice B is correct.** (4.NR.4.4) Noah ate  $\frac{2}{6}$  and his sister ate  $\frac{3}{6}$ . Together:  $2 + 3 = 5$  sixths, so  $\frac{5}{6}$  of the cookies were eaten.
- Choice C is correct.** (4.NR.2.5) Read the table for the totals, then combine. Step 1:  $18 + 24 + 30 = 72$  books in all. Step 2: share among 9 classrooms:  $72 \div 9 = 8$  books each.
- The correct answer is A, C.** (4.GSR.7.1) Choice A:  $\frac{1}{4} \times 360^\circ = 90^\circ \checkmark$ . Choice C: A quarter turn is  $\frac{1}{4}$  of the circle, also  $90^\circ \checkmark$ . Choice B:  $\frac{1}{3} \times 360^\circ = 120^\circ$ . Choice D: 12 to 4 is one-third, or  $120^\circ$ . Choice E: 12 to 6 is a half turn, or  $180^\circ$ .
- Choice C is correct.** (4.GSR.8.3) To find area, we multiply length times width:  $8 \times 5 = 40$  sq ft.
- Choice C is correct.** (4.NR.4.4) Seven copies of  $\frac{1}{10}$  equals  $\frac{7}{10}$  (the other options). But choice C has seven copies of  $\frac{1}{7}$ , which equals  $\frac{7}{7} = 1$  whole—not  $\frac{7}{10}$ . So  $\frac{1}{7} + \frac{1}{7} + \dots + \frac{1}{7}$  does NOT equal  $\frac{7}{10}$ .
- Choice A is correct.** (4.NR.2.3) Divide:  $20 \div 9 = 2$  r2, bring down the 1 to get  $21 \div 9 = 2$  r3, bring down the 6 to get  $36 \div 9 = 4$ . Each box holds **224** action figures.
- Choice B is correct.** (4.GSR.8.2) Triangles are classified in two ways: by their angle measures (acute, right, obtuse) or by their side lengths (equilateral, isosceles, scalene). Looking at angles or sides helps identify the type of triangle. The answer is **B**.
- Choice A is correct.** (4.NR.2.1) Subtracting from 45,000 takes regrouping across all those zeros. Borrow from the thousands ( $5 \rightarrow 4$ ); the chain of zeros becomes 9s except the rightmost, which becomes 10. Now subtract column by column:  $10 - 4 = 6$ ,  $9 - 3 = 6$ ,  $9 - 2 = 7$ ,  $4 - 8$  requires another borrow (so  $14 - 8 = 6$ , ten-thousands  $4 \rightarrow 3$ ), and  $3 - 1 = 2$ . Result: **26,766**.  $\checkmark$
- Choice C is correct.** (4.MDR.6.1) Day one: 120 miles. Day two: 145 miles. Add:  $120 + 145 = 265$  miles. The total distance is **265** miles.
- The correct answer is 80.** (4.GSR.7.1) The angle marked from  $0^\circ$  to  $80^\circ$  measures  **$80^\circ$** .



Math Detective at Work

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## Hi, Math Detective!

◇ You did such a great job! You finished 6 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](mailto:jay@testinar.com).

**Jay Daie**

Your Math Detective Helper

# PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

Ideal 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 IN MATH.  
SUCCESS FOR LIFE.**

## 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.



### Master Key Concepts

Reinforce important skills aligned with grade-level standards.



### 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 & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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Prepares Students for Test Day Success