

8 Georgia

Milestones

GRADE 4

PRACTICE TESTS



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

**COMPREHENSIVE
TEST PREP**

Includes Solutions

8 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Eight 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!

Eight steady rounds on the Peach State math route

This book gives you eight 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?

Eight tests, 240 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 6–8	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.

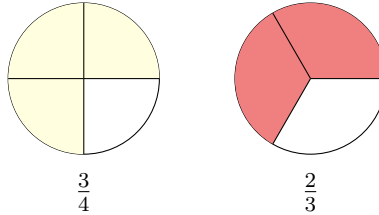


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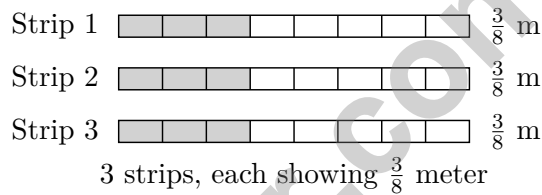
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1) Look at the circles. Which fraction is greater?



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

- C. They are equal
 D. Cannot tell



2)

Each ribbon strip is $\frac{3}{8}$ meter. What is the total length of 3 strips?

- A. $\frac{9}{8}$ meters (or $1\frac{1}{8}$ meters) C. $\frac{9}{24}$ meter
 B. $\frac{3}{24}$ meter D. $\frac{3}{3}$ meter

3) The population of a town is 42,567. Round this number to the nearest thousand.



- 4) Which of the following is true about a rhombus that is **not** a square?
- A. It has 4 lines of symmetry C. It has 1 line of symmetry
 B. It has 2 lines of symmetry D. It has no lines of symmetry
- 5) What is 19×22 ?
- A. 418 C. 392
 B. 380 D. 456
- 6) Maya painted $\frac{6}{9}$ of her bedroom wall on Monday and $\frac{2}{9}$ on Tuesday. What fraction of the wall did she paint in total?
-
- 7) Write $2 \times \frac{1}{3}$ as a fraction.
- A. $\frac{1}{6}$ C. $\frac{2}{1}$
 B. $\frac{2}{3}$ D. $\frac{3}{2}$
- 8) If you turn $\frac{1}{6}$ of the way around a circle, how many degrees do you turn?
- A. 60° C. 120°
 B. 90° D. 180°
- 9) A rectangle has a width of 6 feet. The area is 54 square feet. What is the length?
- A. 8 ft C. 10 ft
 B. 9 ft D. 12 ft



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10) There are 2 balloons. There are 7 times as many stickers. How many stickers are there?

A. 7

C. 9

B. 2

D. 14

11) Which statement is true?

A. $0.6 > 0.68$

C. $0.6 = 0.68$

B. $0.6 < 0.68$

D. 0.68 is smaller than 0.6

12) $\frac{5}{6} = \frac{2}{6} + \underline{\hspace{1cm}}$. The missing fraction is:

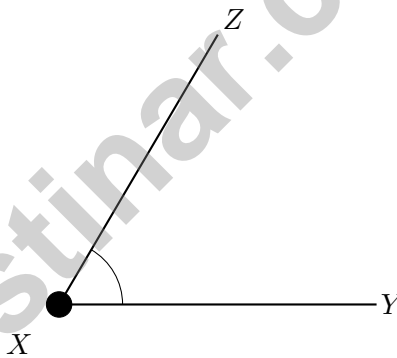
A. $\frac{2}{6}$

C. $\frac{4}{6}$

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

D. $\frac{1}{6}$

13)



In angle $\angle YXZ$, which letter names the vertex?

A. X

C. Z

B. Y

D. All three



1) A builder has 100 meters of fencing. He uses 35 meters for one garden and 28 meters for another. How much fencing is left?

A. 28 m

C. 63 m

B. 37 m

D. 65 m

2) A store has 12 blue shirts in stock. This is 4 times as many as the number of red shirts. How many red shirts does the store have?

3) Which number correctly matches all three forms?

A. Standard: 142,805; Word: “One hundred forty-two thousand, eight hundred five”; Expanded: $100,000 + 40,000 + 2,000 + 800 + 5$

B. Standard: 142,805; Word: “Fourteen thousand, two hundred five”; Expanded: $100,000 + 40,000 + 2,000 + 800 + 5$

C. Standard: 124,805; Word: “One hundred forty-two thousand, eight hundred five”; Expanded: $100,000 + 20,000 + 4,000 + 800 + 5$

D. Standard: 142,850; Word: “One hundred forty-two thousand, eight hundred fifty”; Expanded: $100,000 + 40,000 + 2,000 + 800 + 5$

4) A right angle measures 90° . If it is divided into two angles measuring 35° and another angle, what is the measure of the unknown angle?

A. 45°

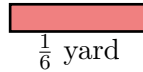
C. 125°

B. 55°

D. 35°



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 $\frac{1}{6}$ yard

5)

The ribbon above is $\frac{1}{6}$ yard long. If Zara lines up 4 of these ribbons end-to-end, how long is the line?

- A. $\frac{4}{6}$ yard (or $\frac{2}{3}$ yard) C. $\frac{1}{24}$ yard
 B. $\frac{4}{24}$ yard D. $\frac{6}{4}$ yards

6) Which turn is the largest?

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

7) Elena shares a chocolate bar into 2 equal pieces. She eats both pieces. Which shows this as unit fractions?

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

8) Which is true?

- A. $0.5 > \frac{6}{10}$ C. $0.5 = \frac{5}{10}$
 B. $0.5 < \frac{4}{10}$ D. $0.5 = \frac{5}{100}$

9) Which two fractions are both equivalent to $\frac{1}{5}$?

- A. $\frac{2}{10}$ and $\frac{20}{100}$ C. $\frac{2}{10}$ and $\frac{30}{100}$
 B. $\frac{3}{10}$ and $\frac{30}{100}$ D. $\frac{1}{10}$ and $\frac{10}{100}$



1) A rectangle has a length of 12 m and a width of 7 m. What is its perimeter?

A. 19 m

C. 84 m

B. 38 m

D. 76 m

2) How many degrees greater than 90° is 120° ?

3) Olivia made 4 groups, with each group containing $\frac{1}{3}$ of a candy bar. How much candy does she have in total?

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

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

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

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

4) A water jug holds $2\frac{2}{5}$ gallons. If $1\frac{1}{5}$ gallons have been spilled, how much water is in the jug now?

A. $1\frac{1}{5}$

C. $1\frac{2}{5}$

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

D. $2\frac{1}{5}$

5) This place-value chart shows a number. Write it in expanded form:

Thousands	Hundreds	Tens	Ones
6	0	8	3

A. $6,000 + 800 + 30$

C. $6,000 + 80 + 3$

B. $6,000 + 800 + 3$

D. $6 + 0 + 8 + 3$



6) The corner of a book page is a right angle. An angle that is slightly smaller than the corner of a book is most likely:

A. acute

C. obtuse

B. right

D. straight

7) The letter *Y* has how many lines of symmetry?

A. 0

C. 2

B. 1

D. 3

8) Which fraction is less than $\frac{1}{2}$?

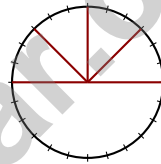
A. $\frac{3}{5}$

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

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

D. $\frac{4}{6}$

9)



A full circle is shown with several rays drawn inside. How many degrees are in the full circle?

A. 90°

C. 360°

B. 180°

D. 720°

10) A pizza is cut into 12 equal slices. Mia eats 7 slices. What fraction of the pizza did Mia eat?

A. $\frac{7}{12}$

C. $\frac{5}{12}$

B. $\frac{12}{7}$

D. $\frac{7}{7}$



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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

- 1) **Choice A is correct.** (4.NR.4.2) The visual models show the story: $\frac{3}{4}$'s circle is clearly more filled. Verify with twelfths: $\frac{3}{4} = \frac{9}{12}$ and $\frac{2}{3} = \frac{8}{12}$, so $\frac{3}{4} > \frac{2}{3}$.
- 2) **Choice A is correct.** (4.NR.2.3) Three ribbon strips, each $\frac{3}{8}$ meter long, have a total length of $3 \times \frac{3}{8} = \frac{9}{8}$ meters.
- 3) **The correct answer is 43,000.** (4.NR.1.4) We're rounding to the nearest thousand. Look at the hundreds digit: 5. Since $5 \geq 5$, round UP! The thousands digit changes to 3, giving us **43,000** people. ✓
- 4) **Choice B is correct.** (4.GSR.8.1) A non-square rhombus (diamond shape) has two diagonals that each create a line of symmetry. Each diagonal splits the shape into two matching triangles. The answer is It has 2 lines of symmetry.
- 5) **Choice A is correct.** (4.NR.2.3) Split 22: $19 \times (20 + 2) = 380 + 38 = \mathbf{418}$.
- 6) **The correct answer is $\frac{8}{9}$.** (4.NR.4.4) Maya painted her bedroom wall over two days. Add the fractions with like denominators: $\frac{6}{9} + \frac{2}{9} = \frac{8}{9}$ of the wall was painted in total.
- 7) **Choice B is correct.** (4.NR.2.3) To write $2 \times \frac{1}{3}$ as a fraction, count the copies: we have 2 copies of $\frac{1}{3}$. So the fraction is $\frac{2}{3}$.
- 8) **Choice A is correct.** (4.GSR.7.1) One-sixth of the circle is $\frac{1}{6} \times 360^\circ = \mathbf{60^\circ}$.
- 9) **Choice B is correct.** (4.GSR.8.3) From $54 = \ell \times 6$: Divide to get $\ell = 54 \div 6 = 9$ ft.
- 10) **Choice D is correct.** (4.NR.2.2) "7 times as many" is a multiplication clue: $2 \times 7 = 14$ stickers.
- 11) **Choice B is correct.** (4.NR.5.1) Rewrite 0.6 as 0.60 to match. Since $60 < 68$ hundredths, $0.6 < 0.68$.
- 12) **Choice B is correct.** (4.NR.4.4) If $\frac{2}{6}$ is there, what's missing? $\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$. Check: $2 + 3 = 5$ ✓.
- 13) **Choice A is correct.** (4.GSR.7.1) In angle notation $\angle YXZ$, the middle letter names the vertex. The middle letter is X.
- 14) **Choice D is correct.** (4.NR.2.2) The bar model shows Diego's bar is twice as long as Miguel's—2 groups of 6. So multiply: $2 \times 6 = 12$ cars.
- 15) **Choice D is correct.** (4.GSR.7.1) The ray points to the 160° mark, which is very close to the 180° straight angle. At 160° , this is a wide obtuse angle. The answer is **160** degrees.
- 16) **The correct answer is B, C.** (4.MDR.6.1) Check each option. A: 50 cm = 0.5 m, wrong. B: 500 cm = 5 m, correct! C: 5,000 mm = 5 m, correct! D: 5,000 cm = 50 m, wrong. E: 5 m = 0.005 km, not 0.05 km. The correct answers are **B** and **C**.
- 17) **The correct answer is 3.** (4.GSR.8.2) Since all three angles are less than 90 degrees, all three angles are acute. The answer is **3**.
- 18) **Choice D is correct.** (4.NR.2.5) Two steps! Step 1: find the total books on the shelves. 8 shelves \times 45 books = 360 books. Step 2: take out the books being repaired. $360 - 72 = 288$ books left on the shelves.
- 19) **Choice C is correct.** (4.NR.4.4) Add the wholes: $3 + 1 = 4$. Add the fractions: $\frac{1}{3} + \frac{2}{3} = \frac{3}{3} = 1$. Combine: $4 + 1 = \mathbf{5}$ meters.
- 20) **Choice D is correct.** (4.NR.2.3) Think: $72 \div 8 = 9$, bring down the 8 to get $8 \div 8 = 1$. So each box holds **91** stickers.
- 21) **Choice C is correct.** (4.NR.2.3) For $5 \times \frac{1}{6}$, we need 5 jumps of $\frac{1}{6}$ each on the number line. The bottom number line (C) shows five hops of $\frac{1}{6}$ landing at $\frac{5}{6}$. The answer is Bottom number line (C).
- 22) **Choice C is correct.** (4.NR.2.3) The multiples of $\frac{2}{3}$ are: $\frac{2}{3}, \frac{4}{3}, \frac{6}{3}, \dots$ Each one is obtained by multiplying $\frac{2}{3}$ by whole numbers. Since $\frac{4}{3} = 2 \times \frac{2}{3}$, the answer is $\frac{4}{3}$.
- 23) **Choice B is correct.** (4.MDR.6.1) Ethan has \$35 and spends \$12 on a book. Subtract: $35 - 12 = 23$ dollars. He has **\$23** left.
- 24) **Choice B is correct.** (4.MDR.6.3) Leo's total: $\frac{6}{4}$. Sam's total: $\frac{4}{4} = 1$. Chris's total: $\frac{9}{4}$. Sam has the shortest length.
- 25) **Choice A is correct.** (4.GSR.8.1) Points J, K, and L all sit on the same straight horizontal line, making them collinear. Point M stands off to the side, so it's not part of this collinear group.
- 26) **Choice A is correct.** (4.GSR.7.1) To find the missing part, subtract what you know from the whole: $112^\circ - 63^\circ = \mathbf{49^\circ}$.
- 27) **Choice A is correct.** (4.NR.2.1) Estimate: $49,000 + 31,000 \approx 80,000$. Then add carefully: $48,765 + 31,234 = \mathbf{79,999}$.



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Cheer Squad Final Pep Talk

Hi, Math Star!

◇ 8 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 8 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.

Jay Daie

Your Math Cheerleader

8 PRACTICE TESTS. PREPARE. PRACTICE. SUCCEED!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master essential concepts, and boost confidence for success in the classroom and beyond.

Featuring 8 full-length practice tests, a variety of question types, and detailed answer explanations, this book provides the practice and support students need to improve accuracy, strengthen problem-solving abilities, and achieve their best.

Perfect for classroom use, homework, test preparation, and extra practice at home.

PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement

★ **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.



Academic Success

Strengthen skills needed for future learning.

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
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