

7

Georgia

Milestones

GRADE 4 MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



7 Full-Length
Practice Tests



Standards-
Aligned



Build Confidence
and Skills



Mixed Question
Types

**ANSWER
KEY**

INCLUDED

$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$

7 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Seven 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!

Seven steady rounds on the Peach State math route

This book gives you seven 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?

Seven tests, 210 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 5–7	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.



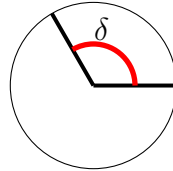
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For more practice
& answers

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1) A straight angle measures:

- A. Less than 90°
 C. Between 90° and 180°
 B. Exactly 90°
 D. Exactly 180°



2)

What is the measure of angle δ in the diagram?

- A. 90°
 C. 150°
 B. 120°
 D. 180°

3) Two angles together are $\frac{10}{12}$ of a straight angle. One angle is $\frac{4}{12}$ of a straight angle. What is the other angle?



Angle 1: $\frac{4}{12}$

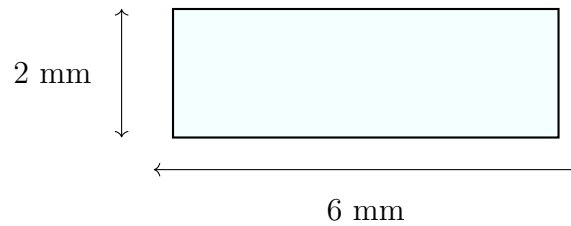
Total = $\frac{10}{12}$ Angle 2: ?

- A. $\frac{6}{12}$
 C. $\frac{4}{12}$
 B. $\frac{14}{12}$
 D. $\frac{6}{24}$

4) A window shade is opened by rotating it 104° clockwise. Then it is rotated an additional 76° clockwise. What is the total clockwise rotation?

- A. 28°
 C. 104°
 B. 180°
 D. 90°





5)

What is the area of the rectangle shown?

- A. 8 sq mm C. 16 sq mm
 B. 18 sq mm D. 12 sq mm

6) A swimming pool holds 5,000 liters of water. How many milliliters is this?

- A. 500,000 C. 50,000,000
 B. 5,000,000 D. 500,000,000

7) Use the chart to find the number.

Thousands	Hundreds	Tens	Ones
9	0	5	3

- A. 953 C. 9,530
 B. 9,503 D. 9,053

8) A chocolate bar is divided into 5 equal pieces. Ming eats 4 pieces. What fraction of the bar did Ming eat?

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



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9) What is $8\frac{3}{4} - 5\frac{1}{4}$?

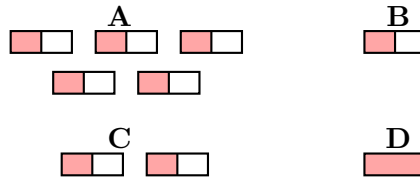
A. $2\frac{2}{4}$

B. $3\frac{1}{4}$

C. $3\frac{2}{4}$

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

10) Which bar model represents $5 \times \frac{1}{2}$?



A. Top-left picture

B. Top-right picture

C. Bottom-left picture

D. Bottom-right picture

11) There are 144 meters of rope to cut into 12 equal pieces. How many meters long is each piece?

12) Ava reads 8 pages a day for 12 days. Noah reads 10 pages a day for 9 days. How many more pages does Ava read than Noah?

A. 2 pages

B. 18 pages

C. 26 pages

D. 6 pages



5) A pinwheel turns 60° . What fraction of a full turn is this?

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

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

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

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

6) The letter V has how many lines of symmetry?

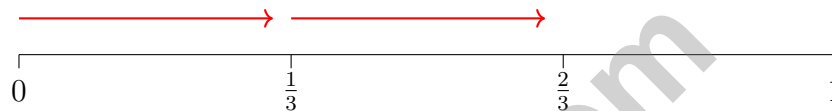
A. 0

B. 1

C. 2

D. 3

7) A number line shows jumps of $\frac{1}{3}$. Which number of jumps gets us to $\frac{2}{3}$?



A. 1 jump

B. 2 jumps

C. 3 jumps

D. 6 jumps

8) A sports team has 96 uniforms. They divide them equally among 6 teams. Then each team donates 5 uniforms to a new club. How many uniforms does each team have left?

A. 10

B. 16

C. 21

D. 11



1) Which of these is NOT equivalent to 0.3?

A. $\frac{3}{10}$

B. 0.30

C. $\frac{30}{100}$

D. $\frac{3}{100}$

2) Which fraction is in simplest form and equivalent to $\frac{6}{8}$?

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

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

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

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

3) Which decimal is between 0.3 and 0.4?

A. 0.25

B. 0.35

C. 0.45

D. 0.05

4) Sam bought $\frac{4}{8}$ pound of almonds. His mom bought $\frac{3}{8}$ pound. How many pounds of almonds did they buy together, as a fraction or mixed number?

5) Which of the following does **not** have at least one line of symmetry?

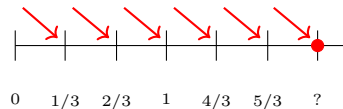
 A. Right isosceles triangle B. Equilateral triangle C. Scalene right triangle D. Isosceles trapezoid

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6) Which two numbers have the same digit in the hundreds place?

- A. 3,421 and 2,394 C. 5,614 and 2,641
 B. 4,583 and 1,867 D. 6,725 and 4,526

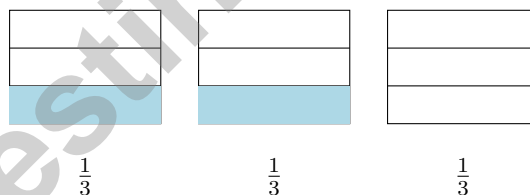
7) A number line shows jumps of $\frac{1}{3}$ starting at 0. If you make 6 jumps, where do you land?



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

8) Which attribute is true for a square?

- A. Four equal sides and four right angles C. One pair of parallel sides
 B. Three angles and three sides D. Four different side lengths



9) two cans have paint

Three paint cans are shown. Two are $\frac{1}{3}$ filled each (blue). One is empty. How much total paint is there?

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

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 D is correct.** (4.GSR.8.1) A straight angle is like opening a book all the way flat — it makes a perfectly straight line measuring 180° .
- Choice B is correct.** (4.GSR.7.1) The diagram shows an angle spanning from the right to an upper-left ray. The measure is 120° .
- Choice A is correct.** (4.NR.4.4) Two angles together make $\frac{10}{12}$ of a straight angle. One is $\frac{4}{12}$. The other: $10 - 4 = 6$ twelfths, or $\frac{6}{12}$.
- Choice B is correct.** (4.GSR.7.1) The window shade rotates twice. Add both rotations: $104^\circ + 76^\circ = 180^\circ$.
- Choice D is correct.** (4.GSR.8.3) The diagram shows 6 mm long and 2 mm wide. Area = $6 \times 2 = 12$ sq mm.
- Choice B is correct.** (4.MDR.6.1) Since 1 liter = 1,000 milliliters, multiply: $5,000 \times 1,000 = 5,000,000$ mL. The answer is 5,000,000 mL.
- Choice D is correct.** (4.NR.1.2) Reading the chart left to right: thousands 9, hundreds 0, tens 5, ones 3. This gives **9,053**. ✓
- Choice A is correct.** (4.NR.2.3) Since the bar is divided into 5 equal pieces, each piece is $\frac{1}{5}$. Ming ate 4 pieces, which equals $4 \times \frac{1}{5} = \frac{4}{5}$ of the bar.
- Choice C is correct.** (4.NR.4.4) Subtract the wholes: $8 - 5 = 3$. Subtract the fractions: $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$. The difference is **$3\frac{2}{4}$** .
- Choice A is correct.** (4.NR.2.3) For $5 \times \frac{1}{2}$, we need 5 bars, each divided in half with one half shaded in each. Picture A shows five bars with one-half shaded in each bar. The answer is Picture A.
- The correct answer is 12 m.** (4.MDR.6.1) There are 144 meters of rope to cut into 12 pieces. Divide: $144 \div 12 = 12$ meters. Each piece is **12** meters long.
- Choice D is correct.** (4.NR.2.5) Three steps! Step 1: Ava's total: $8 \times 12 = 96$ pages. Step 2: Noah's total: $10 \times 9 = 90$ pages. Step 3: "how many more" is a subtraction: $96 - 90 = 6$ pages.
- Choice D is correct.** (4.NR.4.2) Both bars show the same shaded length. Since we're going from thirds to sixths (multiply denominator by 2), multiply the numerator by 2 also: $\frac{2}{3} = \frac{2 \times 2}{3 \times 2} = \frac{4}{6}$.
- The correct answer is $\frac{3}{5}$.** (4.NR.4.2) Compare to $\frac{1}{2}$: Convert to tenths: $\frac{3}{5} = \frac{6}{10}$ and $\frac{1}{2} = \frac{5}{10}$. Since $6 > 5$, $\frac{3}{5}$ is greater.
- Choice A is correct.** (4.NR.5.1) The trailing zero doesn't matter: 0.80 and 0.8 are the same, both equal to $\frac{8}{10}$.
- Choice C is correct.** (4.NR.5.1) Compare place by place: Write 0.6 as 0.60. Now both have the same number of decimal places. Since $60 > 59$ hundredths, we have $0.6 > 0.59$.
- The correct answer is A, C.** (4.NR.4.4) Let's check each choice. Choice A: $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{4}{6}$ (correct!). Choice C: "Four unit fractions" also describes this sum (correct!). Choices B, D, E: Wrong denominators or wrong totals.
- Choice B is correct.** (4.GSR.7.1) When naming an angle with three letters, the vertex is always the middle letter, like $\angle ABC$.
- Choice B is correct.** (4.NR.2.3) Counting the tick marks: the 4th tick is at $4 \times \frac{1}{3} = \frac{4}{3}$.
- Choice D is correct.** (4.NR.2.3) Follow the diagram: $26 \div 3 = 8$ r2, $28 \div 3 = 9$ r1, $18 \div 3 = 6$. Reading the quotient from the right side, we get **896**.
- Choice D is correct.** (4.NR.1.4) We're rounding to the nearest hundred. Look at the tens digit: 6. Since $6 \geq 5$, we round UP! The hundreds digit goes from 2 to 3, giving us **3,300**. ✓
- Choice A is correct.** (4.NR.5.1) Convert $\frac{7}{10}$ to hundredths: $\frac{7}{10} = \frac{70}{100}$. Now add: $\frac{70}{100} + \frac{10}{100} = \frac{80}{100}$.
- Choice D is correct.** (4.NR.2.3) Decompose and multiply: $33 \times (20 + 4) = 660 + 132 = 792$.
- Choice A is correct.** (4.MDR.6.3) Count each length: $\frac{1}{2}$ in appears 3 times (the most!), 1 in appears 2 times, and $\frac{3}{2}$ in appears 1 time. So $\frac{1}{2}$ in has the most X marks.
- The correct answer is 24.** (4.PAR.3.3) The n th multiple of 4 is just $4 \times n$. So the sixth multiple is $4 \times 6 = 24$. Skip-count to verify: 4, 8, 12, 16, 20, 24. ✓



A Quiet Word From Your Mentor

Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 7 practice tests is a real promise that you kept to yourself. That matters. ◇

★ **Mentors notice:** growth is quiet. It doesn't shout. But it shows up in how you handle a problem today vs how you did weeks ago. That growth is your real prize. ★

What I See in You

- **Hard Work:** You don't quit when problems are tough.
- **Curiosity:** You wonder why and how.
- **Kindness:** You are patient with yourself.
- **Brave Heart:** You try things that scare you.

Mentor's note: on test day, treat yourself like you would a friend. Be kind. Be patient. Be encouraging. The skills are inside you!

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

Jay Daie

Your Math Mentor

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



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- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Confidence Building
- ✓ Skill Reinforcement

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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.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals & Comparing Numbers
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ And More!



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Mixed Question Types



Answer Key Included