

4

Georgia

Milestones

GRADE 4

MATH

PRACTICE TESTS



5 FULL-LENGTH
PRACTICE TESTS



Standards-Aligned Review with
Mixed Practice and Answer Key



STANDARDS-ALIGNED
REVIEW



MIXED PRACTICE
QUESTIONS



ANSWER KEY
INCLUDED



$$4 \times 7 = 28$$

$$36 \div 9 = 4$$

$$\begin{array}{r} 125 \\ + 87 \\ \hline 212 \end{array}$$



4 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Four focused 30-question missions for Grade 4 math: number facts, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Welcome, Georgia Math Explorer!

Four steady rounds on the Peach State math route

This book gives you four 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?

Four tests, 120 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 2–4	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 2–4	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

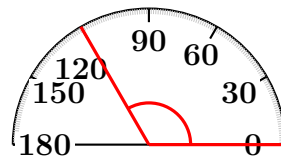
The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.



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& answers

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1)

A student measures an angle with a protractor. The angle opens to the 120-degree mark. What type of angle is this?

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

2) Marcus reads $\frac{3}{12}$ of a book each day. How much of the book does he read in 4 days?

- A. $\frac{3}{48}$ of the book C. $\frac{4}{12}$ of the book
 B. $\frac{12}{12}$ of the book (or the whole book) D. $\frac{7}{12}$ of the book

3) In the word form “seventy-eight thousand, four hundred twelve”, which place does the digit 8 occupy?

- A. Tens place C. Hundreds place
 B. Ten-thousands place D. Thousands place

4) A box of cereal weighs 6 kilograms. How many grams is this?

- A. 600 C. 60,000
 B. 6,000 D. 600,000

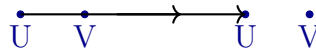


5) Which diagram correctly shows Ray UV ?

A.



B.



C.



D.

 A. Diagram A C. Diagram C B. Diagram B D. Diagram D

6) What is $10,000 - 5,678$?

 A. 4,322 C. 4,422 B. 4,332 D. 5,322

7) An angle is labeled 77° . What is its measure in degrees?

8) Write 0.42 as a fraction with denominator 100.



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- 9) An isosceles trapezoid has how many lines of symmetry?
- A. 0 C. 2
 B. 1 D. 4
- 10) What is $\frac{1}{4}$ equivalent to if you multiply the numerator and denominator by 2?
- A. $\frac{2}{8}$ C. $\frac{3}{6}$
 B. $\frac{2}{6}$ D. $\frac{1}{2}$
- 11) A coach has 3 teams. Team A has 18 players, Team B has 22 players, and Team C has 20 players. They want to divide all players equally into 8 groups. How many players are in each group, and how many players are left over?
- A. 15 C. 6 remainder 2
 B. 8 D. 7 remainder 4
- 12) A rectangular field has a perimeter of 80 meters. The length is 25 meters. What is the width?
- A. 10 m C. 20 m
 B. 15 m D. 55 m
- 13) Look at the numbers: 1,111, 2,222, 3,333. In each number, the value of the digit in the thousands place is how many times the value of the digit in the hundreds place?
- A. 1 time C. 100 times
 B. Equal D. 10 times



1) The factors of 18 are shown in the table. Which number is missing?

Factor Pair
$1 \times 18 = 18$
$2 \times 9 = 18$
$3 \times ? = 18$

- A. 5 C. 7
 B. 9 D. 6

2) A recipe needs $\frac{2}{3}$ cup of flour. How can we write this as a sum of unit fractions?

- A. $\frac{1}{3} + \frac{1}{3}$ C. $\frac{2}{3} + \frac{1}{3}$
 B. $\frac{1}{2} + \frac{1}{2}$ D. $\frac{1}{6} + \frac{1}{6}$

3) A right angle is split into two smaller angles. One angle measures 28° more than the other. If the smaller angle is 31° , what is the measure of the other angle?

- A. 59° C. 90°
 B. 31° D. 62°

4) Which fraction with denominator 100 is equivalent to $\frac{3}{10}$?

- A. $\frac{3}{100}$ C. $\frac{30}{100}$
 B. $\frac{13}{100}$ D. $\frac{33}{100}$

5) Which numeral represents “two hundred thirty-four thousand, six hundred seventy-eight”?

- A. 243,678 C. 234,687
 B. 234,768 D. 234,678



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6) A town's population grew from 34,567 to 56,789. What is the increase in population?

A. 21,222

C. 22,122

B. 21,122

D. 22,222

7) What is $2,432 \div 8$?

A. 304

C. 324

B. 314

D. 334

8) What is $4 \times \frac{3}{8}$ as a mixed number?

A. $\frac{3}{32}$

C. $\frac{12}{8}$ or $1\frac{1}{2}$

B. $\frac{4}{8}$

D. $\frac{12}{32}$

9) A full turn around a circle measures how many degrees?

A. 90°

C. 270°

B. 180°

D. 360°

10) Which shows correct estimation for 47×19 using rounding?

A. $50 \times 20 = 1000$

C. $50 \times 10 = 500$

B. $40 \times 20 = 800$

D. $40 \times 10 = 400$

11) Look at the bar models. What is the relationship?

Bar A: 3 units



Bar B: 12 units

A. Bar A is 2 times Bar B

C. Bar A and Bar B are the same

B. Bar B is 3 times Bar A

D. Bar B is 4 times Bar A



1) A figure that has more than 4 lines of symmetry must be which of the following?

- A. A triangle
- B. A quadrilateral
- C. A regular polygon with 5 or more sides or a circle
- D. A square

2) How many unit fractions of $\frac{1}{7}$ make $\frac{6}{7}$?

Cost: × 7

3) Total:

A store buys 7 guitars at \$6 each. How much does the store spend in total?

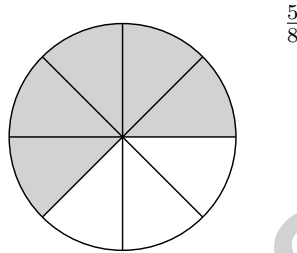
- A. \$36
- B. \$48
- C. \$42
- D. \$50
- 4) Is 11 prime or composite?
- A. Neither prime nor composite
- B. Composite
- C. Both prime and composite
- D. Prime



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5) In the number 4,726, what is the value of the digit 7?

6) On a pie chart divided into 8 equal slices, how many slices represent $\frac{5}{8}$ of the pie?



A. 2 slices

C. 5 slices

B. 3 slices

D. 8 slices

7) A clock shows two times. From 12 o'clock to the minute hand's position is 54° . From that position to 6 o'clock is another 126° . What is the angle from 12 o'clock to 6 o'clock?

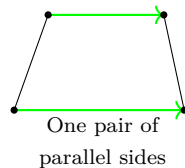
A. 72°

C. 126°

B. 180°

D. 90°

8) Look at the figure. It has one pair of parallel sides marked with matching arrows. Which shape is it?



A. Parallelogram

C. Trapezoid

B. Rectangle

D. Rhombus

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 C is correct.** **(4.GSR.7.1)** An obtuse angle opens wider than a right angle (more than 90°) but is not a straight line (less than 180°). Since 120° fits perfectly between these benchmarks, the answer is obtuse.
- Choice B is correct.** **(4.NR.2.3)** Marcus reads $\frac{3}{12}$ of the book each day for 4 days. We multiply: $4 \times \frac{3}{12} = \frac{12}{12} = 1$ whole book.
- Choice D is correct.** **(4.NR.1.1)** “Seventy-eight thousand” = 78,000, so the full number is 78,412. The digit 8 is in the thousands place ✓
- Choice B is correct.** **(4.MDR.6.1)** Since 1 kilogram = 1,000 grams, multiply: $6 \times 1,000 = 6,000$ g. The answer is 6,000 g.
- Choice B is correct.** **(4.GSR.8.1)** The first letter of a ray name is always the starting point. Ray UV begins at U and shoots through V forever. Diagram B shows this with the arrow starting at U .
- Choice A is correct.** **(4.NR.2.1)** Subtracting from 10,000 requires careful regrouping across all the zeros. The answer is 4,322.
- The correct answer is 77° .** **(4.GSR.7.1)** The label gives the angle measure: 77° .
- The correct answer is $\frac{42}{100}$.** **(4.NR.5.1)** The decimal 0.42 means 42 hundredths, so the fraction is $\frac{42}{100}$.
- Choice B is correct.** **(4.GSR.8.1)** An isosceles trapezoid has two equal slanted legs and a vertical line of symmetry straight down the middle. This divides it so both sides match perfectly. The answer is 1 line of symmetry.
- Choice A is correct.** **(4.NR.4.2)** Multiply both top and bottom by 2: $\frac{1}{4} = \frac{1 \times 2}{4 \times 2} = \frac{2}{8}$.
- Choice D is correct.** **(4.NR.2.5)** Two steps! Step 1: total players from all three teams: $18 + 22 + 20 = 60$. Step 2: divide into 8 groups: $60 \div 8 = 7$ remainder 4. So each group has 7 players with 4 left over. Check: $7 \times 8 = 56$, and $60 - 56 = 4$. ✓
- Choice B is correct.** **(4.GSR.8.3)** Using $P = 2\ell + 2w = 80$ with $\ell = 25$: $2(25) + 2w = 80$. Simplify: $50 + 2w = 80$, so $2w = 30$, thus $w = 15$ m.
- Choice D is correct.** **(4.NR.1.2)** In any number, the thousands place is always 10 times the hundreds place. Example: in 2,222, thousands is 2,000 and hundreds is 200; $2,000 \div 200 = 10$ times. ✓
- The correct answer is A, C.** **(4.NR.4.4)** Let’s check each statement. Step 1 (for A and C): Add the amounts: $\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$ cups total (A is correct). Find the difference: $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$ cup more sugar (C is correct). Step 2 (why others fail): B claims $\frac{5}{8}$, but we got $\frac{5}{4}$. D claims $\frac{1}{8}$, but the difference is $\frac{1}{4}$. E compares the ratio 2:3, which is not half.
- The correct answer is 18,000.** **(4.NR.1.4)** We’re rounding to the nearest thousand dollars. Look at the hundreds digit: $8 \geq 5$, so round UP from \$17,000 to **\$18,000** collected. ✓
- Choice D is correct.** **(4.NR.2.3)** We take 3 copies of $\frac{4}{6}$. Multiply: $3 \times \frac{4}{6} = \frac{3 \times 4}{6} = \frac{12}{6} = 2$. The answer is 2.
- Choice A is correct.** **(4.NR.2.3)** Break 256 by value: $7 \times (200 + 50 + 6) = 1400 + 350 + 42 = 1792$ books.
- Choice B is correct.** **(4.NR.4.4)** Subtract the wholes: $4 - 1 = 3$. Subtract the fractions: $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$. She used **$3\frac{2}{5}$** meters.
- Choice B is correct.** **(4.NR.4.2)** Find common denominators: $\frac{3}{4} = \frac{15}{20}$ and $\frac{4}{5} = \frac{16}{20}$. Since $\frac{16}{20} > \frac{15}{20}$, the second jar is more full.
- Choice B is correct.** **(4.GSR.7.1)** Divide the degrees by 360: $\frac{120}{360} = \frac{1}{3}$ (simplifying by 120). Answer: $\frac{1}{3}$.
- Choice C is correct.** **(4.NR.4.4)** Each hop is $\frac{1}{2}$. To reach $\frac{3}{2}$, we need 3 hops: $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$.
- Choice D is correct.** **(4.NR.2.2)** “3 times as many” is a multiplication clue. Tom has 3 groups of 8 crayons: $3 \times 8 = 24$ blue crayons.
- Choice A is correct.** **(4.NR.2.3)** Divide: $40 \div 6 = 6$ r4, bring down the 3 to get $43 \div 6 = 7$ r1, bring down the 2 to get $12 \div 6 = 2$. Each day they sold **672** tickets.
- Choice A is correct.** **(4.MDR.6.1)** There are 256 grams of seeds for 8 packets. Divide equally: $256 \div 8 = 32$ grams. Each packet has **32** grams of seeds.
- Choice B is correct.** **(4.NR.2.2)** Multiplicative comparisons use the symbol \times (or words like “times as many”). Choices A, C, and D all use \times . Choice B uses $+$, which is an *additive* comparison—not multiplicative.
- Choice C is correct.** **(4.MDR.6.3)** Add up all the X marks: $2 + 3 + 1 = 6$ strings in total.



Trail Guide's Final Note

Hi, Brave Trail-Walker!

◇ You walked all 4 miles of the practice trail. Smooth paths, steep climbs, narrow passes. Every step taught you something. ◇

★ **Trail guides know:** the most important thing is to keep moving. Slow steps still get you there. You have a steady stride now. ★

Trail Survey

- **Route Knowledge:** You know lots of problem types.
- **Steady Pace:** You don't rush. You don't stop.
- **Pack Loaded:** You have all the math tools you need.
- **Confidence:** You trust your training.

Guide's tip: on test day, stay on the trail you've walked before. Use the strategies you've practiced. Trust the route. The summit is one steady walk away!

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

Jay Daie

Your Math Trail Guide

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students build strong math skills, master key concepts, and gain the confidence they need to excel.

With 4 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills 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 Building

★ **CONFIDENCE TODAY.
SUCCESS TOMORROW!**

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.



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 & Decimals
- ✓ Geometry & Measurement
- ✓ Data, Graphs & Line Plots
- ✓ Perimeter & Area
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



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