

3

Georgia Milestones

GRADE 4

MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**5 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
QUESTIONS**



**ANSWER KEY
INCLUDED**

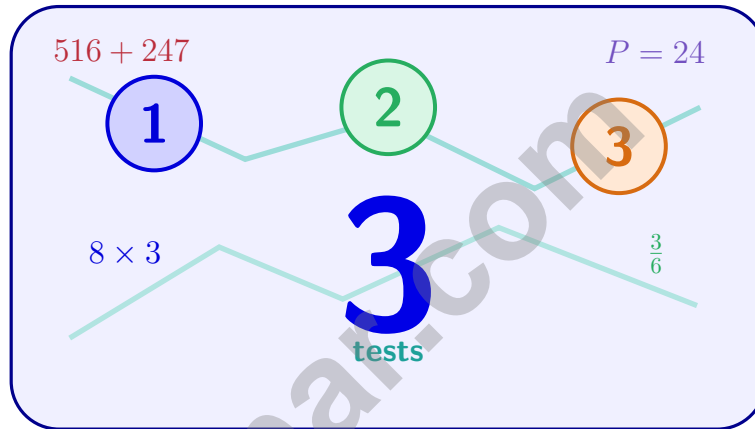
$$a^2 + b^2 = c^2$$

$$\frac{3}{4}$$



3 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Practice for Stronger Math Skills and Test Readiness



Three 30-question trail tests packed with Grade 4 review, Georgia Milestones strategy tips, answer keys, and step-by-step explanations that turn every miss into the next move.

Jay Daie and Reza Nazari



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Welcome, Georgia Math Explorer!

Three steady rounds on the Peach State math route

This book gives you three full Grade 3 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?

Three tests, 90 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 1–3 | Skill-building rounds with fractions, measurement, area, data, and two-step problems. |
| Tests 1–3 | 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

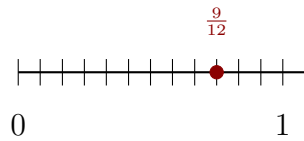
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1) A roll of tape has $\frac{1}{8}$ meter of tape. How much tape is on 6 rolls?

- A. $\frac{1}{48}$ meter C. $\frac{6}{48}$ meter
 B. $\frac{6}{8}$ meters (or $\frac{3}{4}$ meters) D. 6 meters

2) A number line shows jumps of $\frac{1}{12}$. At what position after 9 jumps?



- A. $\frac{1}{12}$ C. $\frac{9}{12}$
 B. $\frac{6}{12}$ D. $\frac{12}{12}$

3) What is the sum of the following unit fractions: $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$?

- A. $\frac{4}{4}$ C. $\frac{1}{4}$
 B. $\frac{4}{16}$ D. $\frac{1}{16}$

4) Which fraction equals thirty-five hundredths?

- A. $\frac{35}{10}$ C. $\frac{35}{100}$
 B. $\frac{3}{5}$ D. $\frac{53}{100}$

5) A triangle has angles 50° and 60° . What is the third angle?



6) Add: $\frac{3}{10} + \frac{5}{100}$.

A. $\frac{8}{100}$

B. $\frac{8}{110}$

C. $\frac{35}{100}$

D. $\frac{80}{100}$

7) A factory packs 144 toys into crates. Each crate holds 12 toys. How many crates are full? If workers find 9 more toys to pack, how many crates total are needed?

 A. 12 full crates, 12 total needed B. 144 crates, 13 total C. 11 full crates, 12 total needed D. 12 full crates, 13 total needed $\frac{6}{10}$ distance

8)

A runner has completed $\frac{6}{10}$ of the race. How much of the race remains?

A. $\frac{6}{10}$

B. $\frac{4}{10}$

C. $\frac{10}{10}$

D. $\frac{2}{10}$

9) Zoe drinks $\frac{2}{5}$ liter each day for 5 days. How many liters total?

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10) An angle measures 75° . This angle must be:

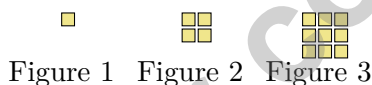
- A. Obtuse
- B. A straight angle
- C. Acute
- D. A right angle

11) Which number line shows $\frac{2}{5} + \frac{3}{5} = 1$?



- A. Starts at $\frac{2}{5}$, hops to $\frac{3}{5}$
- B. Starts at 0, hops to $\frac{2}{5}$, then to 1
- C. Starts at 1, hops backward to $\frac{3}{5}$
- D. Starts at 0, hops to $\frac{5}{5}$

12) A geometric pattern grows with stacked shapes:



How many unit squares are in Figure 4?

- A. 25
- B. 18
- C. 20
- D. 16

13) How many sides does an angle have?

1) Which comparison symbol is correct?

A. $\frac{1}{5} > \frac{1}{3}$

B. $\frac{1}{5} < \frac{1}{3}$

C. $\frac{1}{5} = \frac{1}{3}$

D. $\frac{5}{1} < \frac{3}{1}$

2) What is the value of the thousands digit in 67,290?

A. 7

B. 70

C. 700

D. 7,000

3) A candy store has 4 jars of gummies. Each jar holds 32 gummies. They also have 20 loose gummies. If they pack all gummies into bags of 6, how many complete bags can they fill?

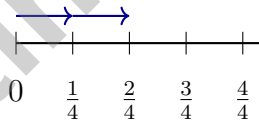
A. 23

B. 20

C. 25

D. 24

4) How many hops of $\frac{1}{4}$ are shown to reach $\frac{2}{4}$?



A. 1 hop

B. 2 hops

C. 3 hops

D. 4 hops

5) A carton of milk contains 2 pints. How many fluid ounces is this?

A. 16

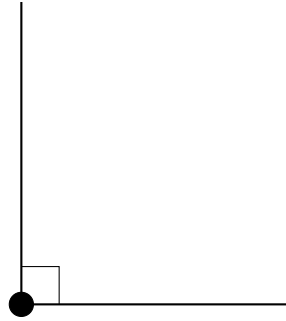
B. 32

C. 64

D. 128



6)



This is a right angle. How many degrees does it measure?

- A. 45 degrees C. 180 degrees
 B. 90 degrees D. 270 degrees

7) If you multiply the numerator and denominator of $\frac{2}{5}$ by 3, what fraction do you get?

- A. $\frac{5}{8}$ C. $\frac{5}{15}$
 B. $\frac{6}{8}$ D. $\frac{6}{15}$

8) A baker uses $\frac{3}{4}$ cup of flour, then adds $\frac{2}{4}$ cup more. How much flour total?

- A. $\frac{5}{8}$ cup C. $\frac{1}{4}$ cup
 B. $\frac{5}{4}$ or $1\frac{1}{4}$ cups D. $\frac{6}{4}$ cups

9) What is $72 \div 8$?



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1) What is the missing addend: $2\frac{3}{5} + ? = 5\frac{2}{5}$

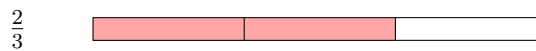
A. $3\frac{1}{5}$

B. $2\frac{3}{5}$

C. 3

D. $2\frac{4}{5}$

2) Two fraction bars are shown below. Which statement is correct?



A. $\frac{4}{6} < \frac{2}{3}$

B. $\frac{4}{6} > \frac{2}{3}$

C. $\frac{4}{6} = \frac{2}{3}$

 D. Cannot determine

3) Give one decimal greater than 0.5 and less than 0.8.

4) Chen rode his bike 18 kilometers on Saturday and 25 kilometers on Sunday. What was the total distance?

A. 7 km

B. 25 km

C. 43 km

D. 450 km

5) Marcus buys 4 containers of yogurt. Each container has $\frac{2}{5}$ pound. What is the total weight?

A. $\frac{2}{20}$ pounds

B. $\frac{6}{5}$ pounds

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

D. $\frac{8}{5}$ pounds or $1\frac{3}{5}$ pounds



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5 bars, each $\frac{1}{3}$ yard

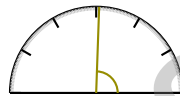
6)

Each bar above is $\frac{1}{3}$ yard. What is the total length of all 5 bars?

- A. $\frac{5}{3}$ yards (or $1\frac{2}{3}$ yards) C. $\frac{1}{3}$ yard
 B. $\frac{5}{15}$ yard D. 5 yards

7) What is the remainder when 762 is divided by 9?

- A. 2 C. 6
 B. 4 D. 8



8)

An angle measures 88 degrees. Is it acute or right?

- A. Acute, because 88 is less than 90 degrees C. Neither; it must be obtuse
 B. Right, because 88 is close to 90 degrees D. Right, because right angles are any angle under 100 degrees

9) Solve: $\frac{8}{12} + \frac{3}{12} = ?$

- A. $\frac{11}{24}$ C. $\frac{5}{12}$
 B. $\frac{11}{12}$ D. $1\frac{2}{12}$



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 B is correct.** **(4.NR.2.3)** Six rolls of tape, each with $\frac{1}{8}$ meter, contain $6 \times \frac{1}{8} = \frac{6}{8}$, which simplifies to $\frac{3}{4}$ meters.
- Choice C is correct.** **(4.NR.2.3)** Each jump is $\frac{1}{12}$. After 9 jumps, we reach $9 \times \frac{1}{12} = \frac{9}{12}$.
- Choice A is correct.** **(4.NR.4.4)** Four copies of $\frac{1}{4}$ are $\frac{4}{4}$, which makes one whole. Count the numerators: $1+1+1+1 = 4$.
- Choice C is correct.** **(4.NR.5.1)** The phrase “thirty-five hundredths” means $\frac{35}{100}$, which you write as a decimal: 0.35.
- The correct answer is 70.** **(4.GSR.8.2)** The sum of angles in any triangle is 180 degrees. Subtracting the two given angles: $180 - 50 - 60 = 70$. The answer is **70**.
- Choice C is correct.** **(4.NR.5.1)** First, convert $\frac{3}{10}$ to hundredths: $\frac{3}{10} = \frac{30}{100}$. Now both fractions have the same denominator, so we add: $\frac{30}{100} + \frac{5}{100} = \frac{35}{100}$.
- Choice D is correct.** **(4.NR.2.5)** Two parts! First: $144 \div 12 = 12$ full crates. Then the 9 extra toys won’t fill a crate but still need one—so we round up: $12 + 1 = 13$ crates total.
- Choice B is correct.** **(4.NR.4.4)** The picture shows a runner’s progress on the race. She completed the blue portion, so subtract from the whole track: $\frac{10}{10} - \frac{6}{10} = \frac{4}{10}$ of the race remains.
- The correct answer is 2.** **(4.NR.2.3)** Zoe drinks $\frac{2}{5}$ liter each day for 5 days. Multiply: $5 \times \frac{2}{5} = \frac{5 \times 2}{5} = \frac{10}{5} = 2$ liters. The answer is **2** liters.
- Choice C is correct.** **(4.GSR.8.1)** Any angle smaller than 90° is acute. Since 75° is less than 90° , this angle is definitely acute.
- Choice B is correct.** **(4.NR.4.4)** Start at 0. Hop right by $\frac{2}{5}$, then hop right by $\frac{3}{5}$ more. You land exactly at 1. That’s $\frac{2}{5} + \frac{3}{5} = 1$.
- Choice D is correct.** **(4.PAR.3.3)** Squares form a grid: Figure 1 = $1 \times 1 = 1$, Figure 2 = $2 \times 2 = 4$, Figure 3 = $3 \times 3 = 9$. Figure 4 = $4 \times 4 = 16$ squares.
- The correct answer is 2.** **(4.GSR.7.1)** An angle is formed by **2** rays.
- Choice A is correct.** **(4.NR.4.4)** The top bar has two equal colors: light is $\frac{4}{8}$ and dark is $\frac{4}{8}$. Together: $4 + 4 = 8$, giving $\frac{8}{8} \checkmark$.
- The correct answer is B, C.** **(4.NR.2.2)** Equations that show “2 times as many” have 2 as a factor in the multiplication. Choice B ($10 = 2 \times 5$) and choice C ($14 = 2 \times 7$) both do. Choices A and D show addition (not multiplication), and choice E has 6 as the multiplier, not 2.
- Choice D is correct.** **(4.NR.2.2)** “3 times as many” is a multiplication signal: $3 \times 14 = 42$ hamsters.
- Choice B is correct.** **(4.MDR.6.1)** Since 1 yard = 3 feet, multiply: $9 \times 3 = 27$ feet. The answer is **27** feet.
- Choice D is correct.** **(4.NR.1.1)** Thousands: 307, ones: 4. Combined: $307,000 + 4 = 307,004 \checkmark$
- Choice D is correct.** **(4.NR.4.2)** Same numerator (3) means compare denominators: eighths are bigger pieces than tenths, so $\frac{3}{8} > \frac{3}{10}$.
- Choice B is correct.** **(4.MDR.6.1)** The picture shows three \$5 bills. Multiply: $3 \times 5 = 15$ dollars. The total is **\$15**.
- Choice B is correct.** **(4.GSR.8.1)** The letter *U* looks like a cup with two equal curved sides. A vertical line straight down the middle splits it so both sides match perfectly. The answer is Vertically down the middle.
- Choice A is correct.** **(4.GSR.7.1)** An angle made of 38 one-degree angles has a measure of **38°** .
- Choice A is correct.** **(4.GSR.7.1)** The pizza shows two adjacent sections. Combine them: $37^\circ + 58^\circ = 95^\circ$.
- Choice A is correct.** **(4.NR.2.3)** Use the distributive property: $31 \times 21 = 31 \times (20 + 1) = 620 + 31 = 651$.
- Choice B is correct.** **(4.MDR.6.3)** At $\frac{2}{4}$ inch there are 3 X marks. At $\frac{3}{4}$ inch there is 1 X mark. The difference is $3 - 1 = 2$.
- Choice D is correct.** **(4.NR.4.2)** Divide both top and bottom by 2: $\frac{4}{8} = \frac{4 \div 2}{8 \div 2} = \frac{2}{4}$. Then divide again by 2: $\frac{2}{4} = \frac{1}{2}$.
- Choice A is correct.** **(4.NR.2.1)** Add: $5,234 + 3,456 = 8,690$. In the hundreds place: $2 + 4 = 6$. The hundreds digit is **6**.
- Choice D is correct.** **(4.NR.4.4)** Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{5}{6} + \frac{1}{6} = \frac{6}{6} = 1$. Combine: $3 + 1 = 4$.



Cheer Squad Final Pep Talk

Hi, Math Star!

◇ 3 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 3 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

PRACTICE TODAY. SUCCEED TOMORROW!

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

With 3 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.



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
- ✓ Measurement & Data
- ✓ Geometry & Shapes
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
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