

9

Georgia Milestones

GRADE 4

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**9 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
BUILD SKILLS & CONFIDENCE**



**ANSWER KEY
FOR ALL TESTS**



$$\frac{3}{4} + \frac{1}{4} = 1$$



$$725 - 358 = 367$$

PREPARE
PRACTICE
SUCCEED
PERFORM

**PRACTICE TODAY.
SUCCEED TOMORROW.**

9 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine 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!

Nine steady rounds on the Peach State math route

This book gives you nine 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?

Nine tests, 270 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 7–9	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.

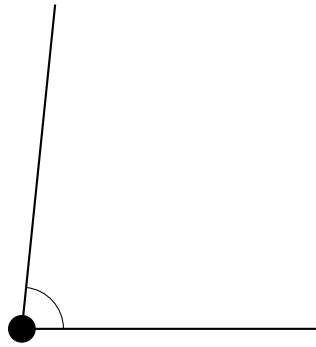


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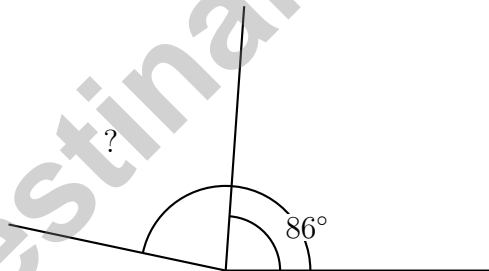
1)



This angle measures 84 degrees. Which statement is true?

- A. It is less than a right angle C. It is more than a right angle
 B. It is exactly a right angle D. It is a straight angle

2) A surveyor measures a land angle of 168° . A tree is planted such that it divides the angle into 86° and another part. What is the measure of the other part?



- A. 82° C. 254°
 B. 86° D. 90°



3) A string is $\frac{2}{8}$ meter long. If you use 2 strings of this same length, how long is the total string?

A. $\frac{4}{8}$ meter (or $\frac{1}{2}$ meter)

C. $\frac{1}{4}$ meter

B. $\frac{2}{16}$ meter

D. 1 meter

4) On a line plot with fourths, the data are: $\frac{1}{4}$ in, $\frac{2}{4}$ in, $\frac{2}{4}$ in, $\frac{2}{4}$ in, $\frac{3}{4}$ in, $\frac{3}{4}$ in. What measurement has the most X marks?



5) What is $3\frac{5}{12} + 2\frac{4}{12}$?

A. $5\frac{8}{12}$

C. $5\frac{9}{12}$

B. $6\frac{1}{12}$

D. $6\frac{2}{12}$

6) A carton of juice contains 3 liters. How much juice is in 9 cartons?

A. 12 L

C. 27 L

B. 18 L

D. 30 L

7) Which shows three multiples of $\frac{1}{4}$ in order?

A. $\frac{1}{4}, \frac{2}{8}, \frac{1}{2}$

C. $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$

B. $\frac{1}{4}, \frac{1}{8}, \frac{1}{12}$

D. $\frac{2}{4}, \frac{4}{4}, \frac{8}{4}$

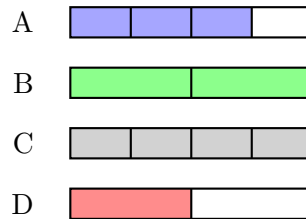


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8) Which geometric figure has exactly one endpoint?

- A. A line C. A ray
 B. A line segment D. A point

9) Which picture shows $\frac{3}{4}$ as a sum of unit fractions?



- A. 3 of 4 parts C. 4 of 4 parts
 B. 2 of 2 parts D. 1 of 2 parts

10) How many lines of symmetry does a regular octagon (8-sided polygon) have?

- A. 4 C. 8
 B. 6 D. 10

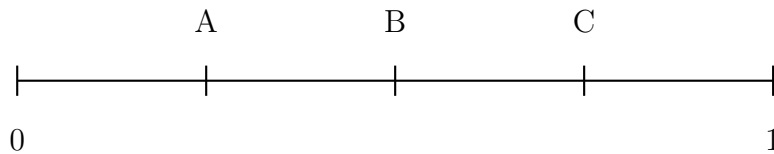
11) How many positive factors does 40 have?

12) Mia had 25,000 dollars. She spent 12,345 dollars. How much money does she have left?

- A. 12,655 dollars C. 13,655 dollars
 B. 12,755 dollars D. 12,565 dollars



5) Where does 0.5 belong on this number line?



- A. At mark A C. At mark C
 B. At mark B D. Beyond mark C

6) Mia weighs 42 pounds. Her dog weighs 18 pounds. How much more does Mia weigh than her dog?

- A. 24 pounds C. 18 pounds
 B. 60 pounds D. 42 pounds

7) Three hops of $\frac{1}{4}$ land at what fraction?

8) Ming has 50 cookies. She gives away 14 cookies. Then she puts the remaining cookies equally into 4 bags. How many cookies are in each bag?

- A. 12 C. 9
 B. 11 D. 8



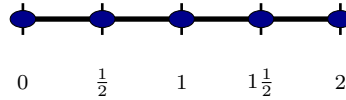
1) Which product equals $\frac{8}{12}$?

A. $2 \times \frac{1}{12}$

B. $4 \times \frac{1}{12}$

C. $8 \times \frac{1}{12}$

D. $12 \times \frac{1}{8}$



Number line (0 to 2)

2)

On a number line, you mark dots at 0 , $\frac{1}{2}$, 1 , $1\frac{1}{2}$, and 2 . What does the pattern show about $4 \times \frac{1}{2}$?

A. $4 \times \frac{1}{2} = 8$

B. $4 \times \frac{1}{2} = 2$

C. $4 \times \frac{1}{2} = 4$

D. $4 \times \frac{1}{2} = 6$

3) Which tool is used to measure the size of an angle in degrees?

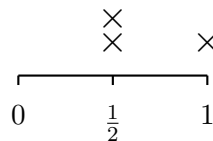
 A. Protractor

 B. Compass

 C. Ruler

 D. Calculator

4) Look at the line plot of measurements in halves of an inch. How many X marks are above $\frac{1}{2}$ inch?


 A. 1

 B. 2

 C. 3

 D. 4


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5) A school gym has 14 benches. Each bench seats 35 people. How many people can sit on all the benches?

- A. 490 people C. 560 people
 B. 420 people D. 630 people

6) Ava eats 3 of 8 equal pizza slices. What fraction of the pizza did she eat?

7) Which figure is NOT a quadrilateral?

- A. Square C. Rectangle
 B. Triangle D. Trapezoid

8) Maya measured her pencil and found it is 15 centimeters long. How many millimeters is this?

- A. 1.5 C. 150
 B. 15 D. 1,500

9) Find $\frac{5}{6} + \frac{1}{6}$.



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.GSR.7.1** Since 84 degrees is less than 90 degrees (a right angle), it is acute.
- Choice A is correct.** **4.GSR.7.1** The tree divides the angle into two parts. Subtract to find the other: $168^\circ - 86^\circ = 82^\circ$.
- Choice A is correct.** **4.NR.2.3** We have 2 strings that are each $\frac{2}{8}$ meter long. We multiply: $2 \times \frac{2}{8} = \frac{4}{8}$, which simplifies to $\frac{1}{2}$ meter.
- The correct answer is $\frac{2}{4}$.** **4.MDR.6.3** Count each measurement: $\frac{1}{4}$ in appears 1 time, $\frac{2}{4}$ in appears 3 times (the most!), and $\frac{3}{4}$ in appears 2 times. So $\frac{2}{4}$ in is the mode.
- Choice C is correct.** **4.NR.4.4** Add the wholes: $3 + 2 = 5$. Add the fractions: $\frac{5}{12} + \frac{4}{12} = \frac{9}{12}$. The sum is $5\frac{9}{12}$.
- Choice C is correct.** **4.MDR.6.1** Each carton holds 3 liters. For 9 cartons, multiply: $3 \times 9 = 27$ liters. There are **27** liters of juice.
- Choice C is correct.** **4.NR.2.3** These count by fourths: $1 \times \frac{1}{4}, 2 \times \frac{1}{4}, 3 \times \frac{1}{4}$. Perfect consecutive multiples!
- Choice C is correct.** **4.GSR.8.1** A ray is like a beam of light from a flashlight — it starts at one point and shines forever in one direction only. A line keeps going both ways, a segment stops at both ends, and a point is just one spot with no size at all.
- Choice A is correct.** **4.NR.4.4** $\frac{3}{4}$ shows 3 shaded parts out of 4 equal parts. Since each part is $\frac{1}{4}$, we have $\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ —three unit fractions added.
- Choice C is correct.** **4.GSR.8.1** A regular octagon (8 equal sides) is balanced in eight ways. Lines can pass through opposite corners or through the middle of opposite sides—each creates matching halves. The answer is **8** lines of symmetry.
- The correct answer is 8.** **4.PAR.3.3** Find all the factor pairs: $1 \times 40, 2 \times 20, 4 \times 10, 5 \times 8$. Combine both sides: 1, 2, 4, 5, 8, 10, 20, 40—that's **8** factors total.
- Choice A is correct.** **4.NR.2.1** Mia spent money, so we subtract. $25,000 - 12,345 = 12,655$ dollars left.
- Choice A is correct.** **4.NR.4.4** Ava gives away $\frac{2}{8}$ from her $\frac{7}{8}$. Subtract: $7 - 2 = 5$ eighths left. Answer: $\frac{5}{8}$.
- The correct answer is B, D.** **4.MDR.6.1** Check each option. A: 2 pounds = 32 ounces, not 48 oz. B: 2 kg = 2,000 g, correct! C: 64 ounces = 4 pounds, not 3 pounds. D: 500 g = 0.5 kg, correct! E: 5 pounds = 80 ounces, not 90 oz. The correct answers are **B** and **D**.
- Choice C is correct.** **4.GSR.7.1** Since Noah's angle has 110 one-degree angles, it measures **110°**.
- Choice A is correct.** **4.NR.4.4** Jasmine's ribbon is cut, so subtract the cut part from the original length: $3\frac{3}{4} - 1\frac{1}{4} = 2\frac{1}{4}$ feet of ribbon remains.
- The correct answer is $\frac{2}{8}$.** **4.NR.4.2** Multiply (or divide) both the numerator and denominator by the same number. Any of these work: $\frac{2}{8}, \frac{3}{12}, \frac{5}{20}$, etc. All have the same value as $\frac{1}{4}$!
- Choice C is correct.** **4.GSR.8.2** A parallelogram is defined by having two pairs of opposite sides that are equal and parallel. A figure is a rectangle only when it also has four right angles at each corner. The answer is **C**.
- Choice D is correct.** **4.NR.2.2** To find "how many times as many," divide the bigger amount by the smaller. Group 2 has 12, Group 1 has 3, and $12 \div 3 = 4$. So Group 2 has **4** times as many counters.
- Choice C is correct.** **4.NR.1.2** Step 1: name the values. In 7,654, the 6 sits in the hundreds place (worth $6 \times 100 = 600$); the 5 sits in the tens place (worth $5 \times 10 = 50$). Step 2: compare with division: $600 \div 50 = 12$. So the 6's value is **12** times the 5's value. *Note:* the digits are different here, so the answer isn't just a power of 10. ✓
- Choice D is correct.** **4.NR.2.3** Break 41: $21 \times (40 + 1) = 840 + 21 = 861$.
- Choice D is correct.** **4.NR.2.2** Look at the picture: Raj's group has 2 rows of 6 books—that's 2 times Mira's amount. Multiply: $2 \times 6 = 12$ books.
- Choice C is correct.** **4.GSR.7.1** The shaded arc stretches across a straight line (from one side of the circle to the other), which is $\frac{1}{2}$ of a full turn or 180° .
- Choice A is correct.** **4.NR.5.1** Look at the tenths place: 0.65 has 6 tenths while 0.56 has 5 tenths. Since $6 > 5$, 0.65 > 0.56, and Maya's rope is longer.
- Choice B is correct.** **4.GSR.7.1** The ray points to the 175° mark, which is just 5° short of a straight angle (180°). This is a very wide obtuse angle. The answer is **175** degrees.



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Ahoy, Math Sailor!

◇ You sailed through 9 full tests. Some waters were calm. Some waters were rough. You kept your boat steady the whole way. ◇

★ **Captain's truth:** good sailors stay calm. They use the wind. They check the map. You did all those things on every test. ★

Sailor's Skills

- **Steady Hand:** You stay calm even when problems are tricky.
- **Map Skills:** You read each problem carefully.
- **Brave Spirit:** You believe in yourself.
- **Safe Harbor:** You finish what you start.

Captain's tip: on test day, sail steady. Trust the map you built through 9 practice tests. You will reach safe harbor!

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

Jay Daie

Your Math Captain

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students strengthen essential math skills, build confidence, and develop the problem-solving abilities needed for classroom success and test readiness.

With 9 full-length practice tests, students gain repeated exposure to important Grade 4 concepts while learning how to approach questions with accuracy, confidence, and strong mathematical thinking.

Whether used at home, in the classroom, or for independent review, this book provides meaningful practice that helps students grow stronger with every test.

PERFECT FOR:

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SUCCESS FOR LIFE.**

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