

5 Georgia Milestones Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five 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.

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Welcome, Georgia Math Explorer!

Five steady rounds on the Peach State math route

This book gives you five 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?

Five tests, 150 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 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	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) A basketball game starts at 6:00 p.m. and ends at 8:30 p.m. How long is the game?

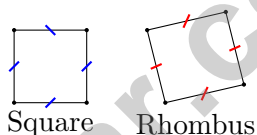
Start	End
6:00 p.m.	8:30 p.m.

- A. 1 hour
- B. 2 hours
- C. 2 hours 30 minutes
- D. 3 hours

2) Add: $3,456 + 4,567 = ?$

- A. 8,012
- B. 7,913
- C. 7,923
- D. 8,023

3) Which attribute is shared by both a square and a rhombus?

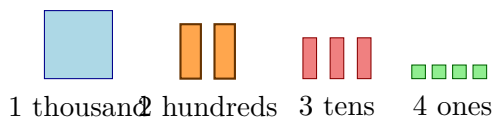


- A. All sides are equal
- B. All angles are right angles
- C. No parallel sides
- D. Only three sides

4) A student walks $\frac{6}{8}$ of a mile. How many eighths of a mile is that?

- A. 6 eighths
- B. 8 eighths
- C. 2 eighths
- D. 14 eighths

5) Keisha used base-ten blocks to show the number 1,234. How many more tens blocks than hundreds blocks did she use?



- A. 2
- B. 5
- C. 3
- D. 1

6) Round 44,556 to the nearest ten thousand.

- A. 44,000 C. 45,000
 B. 50,000 D. 40,000

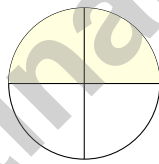
7) Jayden read $2\frac{1}{8}$ chapters in the morning, $3\frac{4}{8}$ chapters in the afternoon, and $1\frac{2}{8}$ chapters in the evening. How many chapters did he read in total?

- A. $6\frac{7}{8}$ chapters C. $6\frac{5}{8}$ chapters
 B. $6\frac{6}{8}$ chapters D. $7\frac{1}{8}$ chapters

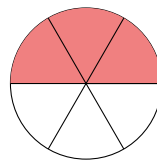
8) A ribbon is $2\frac{3}{5}$ yards long. Which shows how to write this as an improper fraction?

- A. $\frac{5}{5} + \frac{5}{5} + \frac{3}{5} = \frac{13}{5}$ C. $\frac{10}{5} + \frac{2}{5} = \frac{12}{5}$
 B. $\frac{2}{5} + \frac{3}{5} = \frac{5}{5}$ D. $\frac{3}{5} + \frac{3}{5} + \frac{3}{5} = \frac{9}{5}$

9) Two circles are the same size. Circle 1 shows $\frac{2}{4}$ shaded. Circle 2 shows $\frac{3}{6}$ shaded. Which statement is true?



Circle 1: $\frac{2}{4}$



Circle 2: $\frac{3}{6}$

- A. Circle 1 is more shaded D. Cannot compare circles of different sizes
 B. Circle 2 is more shaded
 C. Both circles are equally shaded



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10) Carlos uses 7 out of 10 equal pieces of string. What fraction of the string did he use?

11) When measuring an angle, one ray is aligned with what degree mark?

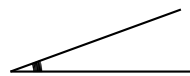
12) Ray AB starts at point:

- A. Any point between A and B C. Point A
 B. Point B D. The middle of the line

13) Victor has 16 toy cars. His cousin has 2 times as many toy cars as Victor. How many toy cars does his cousin have?

- A. 18 C. 40
 B. 28 D. 32

14)



The tick marks are every 2° , and the angle reaches 20° . What is the angle measure?

- A. 10° C. 40°
 B. 20° D. 2°



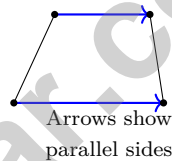
1) Diego collected ant speeds (in eighths of an inch per second). His data: $\frac{1}{8}$, $\frac{2}{8}$, $\frac{2}{8}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{2}{8}$, $\frac{1}{8}$. On the line plot, how many X marks are at $\frac{1}{8}$?

 A. 2 C. 4 B. 3 D. 5

2) How many numbers from 20 to 30 are divisible by 2?

 A. 4 C. 6 B. 5 D. 7

3) Look at the figure with arrows showing parallel sides. How many pairs of parallel sides does it have?

 A. Zero pairs C. Two pairs B. One pair D. Three pairs

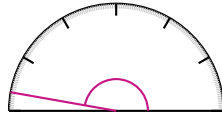
4) A ribbon is cut into 2 equal pieces, and 1 piece is painted. Another identical ribbon is cut into 4 equal pieces, and 2 pieces are painted. Are the painted amounts equivalent?

 A. Yes, both are $\frac{1}{2}$ D. No, the second ribbon has more painted B. Yes, both are $\frac{1}{4}$ C. No, the first ribbon has more painted

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5) Sam has 3 dimes and 30 pennies. Which shows why these amounts are equal?

- A. 3 dimes = $\frac{3}{10}$ dollar; 30 pennies = $\frac{30}{100}$ dollar
 C. 3 dimes = $\frac{3}{100}$ dollar; 30 pennies = $\frac{30}{100}$ dollar
- B. 3 dimes = $\frac{30}{10}$ dollar; 30 pennies = $\frac{30}{100}$ dollar
 D. 3 dimes = $\frac{13}{10}$ dollar; 30 pennies = $\frac{30}{100}$ dollar



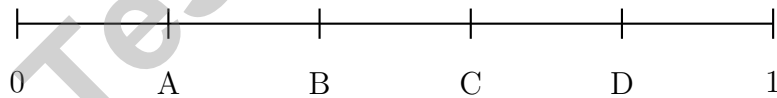
6)

This angle is very close to a straight line. What is the most likely measure?

- A. 150 degrees
 C. 170 degrees
- B. 160 degrees
 D. 180 degrees
- 7) Grace has some marbles. Her brother has 3 times as many marbles, and he has 24 marbles. How many marbles does Grace have?

- A. 6
 C. 21
- B. 27
 D. 8

8) Where does 0.2 belong on this number line?



- A. At position A
 C. At position C
- B. At position B
 D. At position D



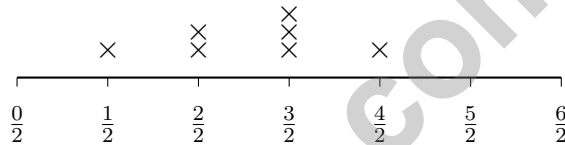
1) Which metric measurement is the longest?

- A. 2 kilometers
 B. 9,000 meters
 C. 3,500 meters
 D. 15 kilometers

2) A baker has $\frac{11}{8}$ pounds of sugar. Which shows one way to decompose this?

- A. $\frac{8}{8} + \frac{3}{8}$
 B. $\frac{5}{8} + \frac{4}{8} + \frac{1}{8}$
 C. $\frac{7}{8} + \frac{3}{8}$
 D. $\frac{6}{8} + \frac{4}{8}$

3) Look at this line plot with halves:



How many measurements are less than or equal to 1 inch?

- A. 2
 B. 3
 C. 4
 D. 5



4) Which area model shows 23×14 ?

A.

20	3
10	4

B.

20	4
10	4

C.

20	3
10	6

D.

20	3
10	5

5) A garden is divided into 5 equal rows. Plants are in 3 rows. Write the fraction of the garden with plants as a sum of unit fractions.

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

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

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

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

6) Where should $\frac{2}{6}$ be placed on the number line?



A. At 0

B. Between 0 and $\frac{1}{3}$

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

D. Between $\frac{1}{3}$ and $\frac{2}{3}$



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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 C is correct.** **(4.MDR.6.1)** The game starts at 6:00 p.m. and ends at 8:30 p.m. From 6:00 to 8:00 is 2 hours, plus 30 more minutes. Total: 2 hours 30 minutes. The game is **2 hours 30 minutes** long.
- 2) **Choice D is correct.** **(4.NR.2.1)** Add from right to left: ones give 13 (write 3, carry 1), tens give 12 (write 2, carry 1), hundreds give 10 (write 0, carry 1), thousands give 8. The sum is **8,023**.
- 3) **Choice A is correct.** **(4.GSR.8.2)** Both a square and a rhombus have four equal sides in length. However, a square must have all right angles at each corner, while a rhombus does not have to have any right angles. The answer is **A**.
- 4) **Choice A is correct.** **(4.NR.2.3)** The fraction $\frac{6}{8}$ means 6 parts out of 8 equal parts. Each part is $\frac{1}{8}$, so we have 6 copies of $\frac{1}{8}$, or **6 eighths**.
- 5) **Choice D is correct.** **(4.NR.1.2)** From the model, Keisha used 3 tens blocks and 2 hundreds blocks. The difference is $3 - 2 = 1$. ✓
- 6) **Choice D is correct.** **(4.NR.1.4)** We're rounding to the nearest ten thousand. Look at the thousands digit: 4. Since $4 < 5$, we round **DOWN** to **40,000**. ✓
- 7) **Choice A is correct.** **(4.NR.4.4)** Add the wholes: $2 + 3 + 1 = 6$. Add the fractions: $\frac{1}{8} + \frac{4}{8} + \frac{2}{8} = \frac{7}{8}$. The total is **$6\frac{7}{8}$** chapters.
- 8) **Choice A is correct.** **(4.NR.4.4)** Two wholes need two $\frac{5}{5}$ pieces, then add the $\frac{3}{5}$: $\frac{5}{5} + \frac{5}{5} + \frac{3}{5} = \frac{13}{5}$. ✓
- 9) **Choice C is correct.** **(4.NR.4.2)** Both circles show exactly half shaded: $\frac{2}{4} = \frac{1}{2}$ and $\frac{3}{6} = \frac{1}{2}$. Equally shaded!
- 10) **The correct answer is $\frac{7}{10}$.** **(4.NR.4.4)** Carlos uses 7 pieces out of 10, which is $\frac{7}{10}$. As unit fractions: $\underbrace{\frac{1}{10} + \frac{1}{10} + \dots + \frac{1}{10}}_{7 \text{ copies}}$.
- 11) **The correct answer is 0.** **(4.GSR.7.1)** The first step in measuring an angle is to align one ray (the baseline ray) with the 0° mark on the protractor. This is your starting point for reading the second ray. The answer is **0 degrees**.
- 12) **Choice C is correct.** **(4.GSR.8.1)** When you name a ray, the first letter always tells you where it starts. Ray **AB** begins at **A** and goes through **B** forever.
- 13) **Choice D is correct.** **(4.NR.2.2)** "2 times as many" means multiply by 2: $2 \times 16 = 32$ toy cars.
- 14) **Choice B is correct.** **(4.GSR.7.1)** The angle reaches 20° on the degree scale, so it is made of **20** one-degree angles.
- 15) **Choice D is correct.** **(4.PAR.3.3)** Multiply each input by 2: $6 \times 2 = 12$, $8 \times 2 = 16$, so $9 \times 2 = 18$.
- 16) **Choice B is correct.** **(4.NR.2.3)** Four shelves, each $\frac{3}{10}$ meter wide, give us $4 \times \frac{3}{10} = \frac{12}{10}$ meters total width.
- 17) **Choice C is correct.** **(4.GSR.8.1)** The letter **N** has a diagonal bar that slants one way only—from bottom-left to top-right. This tilt means no fold line can create matching halves. The answer is **It has no line of symmetry**.
- 18) **The correct answer is A, D.** **(4.NR.5.1)** Option A: Convert $\frac{3}{10} = \frac{30}{100}$, so $\frac{30}{100} + \frac{40}{100} = \frac{70}{100}$ (true). Option D: Divide by 10 to get $\frac{20}{100} = \frac{2}{10}$ (true). The others are false: B is reversed (7 tenths $<$ 65 hundredths), C is wrong ($\frac{5}{10} = \frac{50}{100}$, not $\frac{5}{100}$), and E is very wrong ($\frac{1}{10} \neq 1$).
- 19) **Choice D is correct.** **(4.NR.2.5)** Three steps! Step 1: first company: $5 \times 48 = 240$ pages. Step 2: second company: $3 \times 65 = 195$ pages. Step 3: 240 is bigger, so the first company prints more—by $240 - 195 = 45$ pages.
- 20) **Choice D is correct.** **(4.NR.2.3)** Use long division: $20 \div 7 = 2$ r6, bring down the 4 to get $64 \div 7 = 9$ r1, bring down the 7 to get $17 \div 7 = 2$ r3. The remainder is **3**.
- 21) **Choice C is correct.** **(4.GSR.7.1)** Two-thirds of the circle is $\frac{2}{3} \times 360^\circ = 240^\circ$.
- 22) **Choice C is correct.** **(4.NR.2.3)** Each juice bottle holds $\frac{4}{5}$ cup, and there are 3 bottles. Multiply: $3 \times \frac{4}{5} = \frac{3 \times 4}{5} = \frac{12}{5} = 2\frac{2}{5}$ cups. The answer is **$2\frac{2}{5}$** cups.
- 23) **Choice D is correct.** **(4.NR.4.2)** Check D: Cross-multiply $\frac{2}{5}$ and $\frac{4}{12}$: $2 \times 12 = 24$ and $5 \times 4 = 20$. They're not equal, so D is false. A, B, and C are all true equivalent fractions.
- 24) **Choice B is correct.** **(4.GSR.8.3)** Window area = $4 \times 3 = 12$ sq ft.
- 25) **The correct answer is 45.** **(4.NR.1.1)** The number 45,328 breaks into 45 thousands and 328 ones, so there are **45 thousands** ✓
- 26) **Choice D is correct.** **(4.NR.2.3)** Break apart: $8 \times (40 + 5) = 320 + 40 = 360$ figures.



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Inventor's Workshop Note

Hi, Math Inventor!

◇ 5 practice tests. 5 chances to invent new ways to think. You tried things. You changed them. You made your math brain stronger! ◇

★ **Inventors know:** the first try isn't always the best try. Sometimes you fix it. Sometimes you start over. You did all of that! ★

Inventor's Workshop

- **Sketch Pad:** Full of ideas!
- **Toolbox:** Lots of math strategies.
- **Workbench:** Neat and organized.
- **Brave Mind:** You try new things.

Inventor tip: on test day, if your first try doesn't work, switch tools. Inventors don't get stuck on one tool. Pick the right one for the job!

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

Jay Daie

Your Math Inventor

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

With 5 full-length practice tests, a variety of question types, and detailed answer explanations, students get the practice they need to understand math, strengthen critical thinking, and perform their best on test day and beyond.

Ideal 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.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



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



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5 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+