

9

Georgia Milestones

GRADE

6

MATH

PRACTICE TESTS

Standards-Aligned Review
Mixed Practice & Answer Key



9 PRINTED TESTS

Realistic practice to build confidence and mastery



DETAILED ANSWER EXPLANATIONS

Learn with step-by-step solutions



FOCUSED & EFFECTIVE

Target key math skills with purposeful practice



BUILD CONFIDENCE

Strengthen problem solving and test-taking skills



9 PRINTED TESTS
+2 ONLINE TESTS

Use these two additional online practice tests for extra review after the printed tests in this book.

**PRACTICE TODAY.
SUCCEED TOMORROW.**



PRACTICE



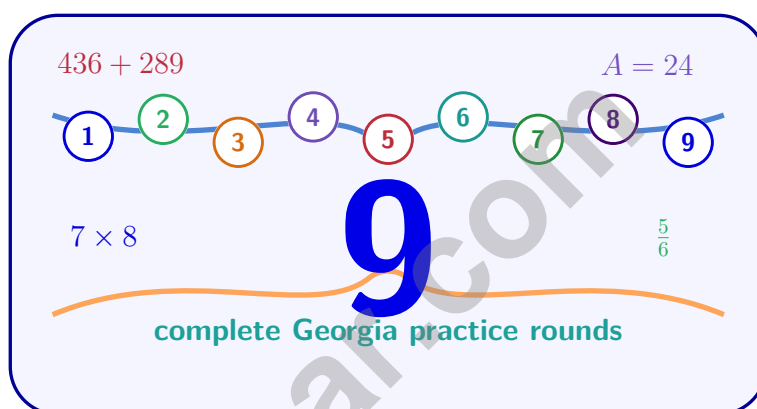
REVIEW



SUCCEED

9 Georgia Milestones Grade 6 Math Practice Tests

Standards-Aligned Peach-State Practice Discipline for Georgia Milestones Assessment System



Nine complete 40-question Grade 6 practice rounds for Milestones, built for peach-state practice discipline with ratios, rational numbers, expressions, equations, geometry, statistics, answer keys, and clear explanations for every item.

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Welcome, Georgia Math Explorer!

Nine focused rounds using peach-state practice discipline

This book gives you nine full Grade 6 practice tests for Milestones. Each round uses city blocks, red clay roads, and steady classroom routines as a fresh mental backdrop while you read closely, choose a smart strategy, show your work, and check whether your answer makes sense.

Your Georgia Practice Promise

Show the thinking before the answer: circle clues, write the equation, and label the result.

Read

Plan

Check

How to Use This Book

A nine-session routine for peach-state practice discipline

1. **Preview the skills.** Scan the quick review pages before beginning the first round.
2. **Work in order.** Take one 40-question test at a time in a quiet place.
3. **Mark confidence.** Put a small star beside problems where your plan felt strong.
4. **Correct actively.** Retry missed items before reading the full explanation.
5. **Plan the next round.** Use the growth log to choose one habit and one skill to practice.

Georgia review rhythm: Take a round, review the explanations, and set one small target for the next test.



What Is Inside?

Nine Milestones tests, 360 questions, and a full review path

Part	What You Will Practice
Tests 1–3	Foundation rounds for ratios, rational numbers, operations, and careful reading.
Tests 4–6	Skill-building rounds with expressions, equations, geometry, data, and problem models.
Tests 7–9	Final stamina rounds for mixed review, neat work, and flexible strategy choices.
Answer Pages	Compact keys and explanations that show why each answer works.

The tests are mixed on purpose. Peach-state practice discipline means recognizing the skill even when the next question changes topic, changes format, or asks for an explanation.

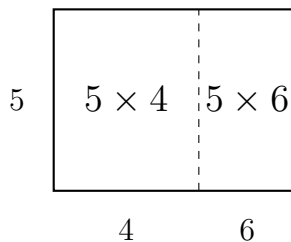


Scan me!
For more practice
& answers

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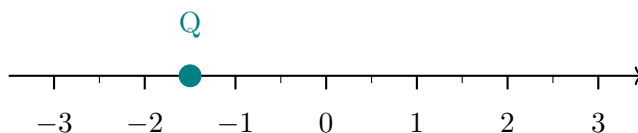
★ Practice Test 1	_____	14
★ Practice Test 2	_____	29
★ Practice Test 3	_____	45
★ Practice Test 4	_____	61
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- 1) The area model below represents a factored sum. What is the factored form?



- A. $5(4 + 6) = 50$
 C. $(4 + 6)(5) = 50$
 B. $4(5 + 6) = 44$
 D. $5 \times 10 = 50$
- 2) A family budgets \$1500 per month but has actual expenses of \$1700. What is the shortfall (amount over budget)?
- A. \$100
 C. \$300
 B. \$200
 D. \$400
- 3) Marcus solved $4,368 \div 28$ using long division and wrote 156 with no remainder. Which statement verifies his result?
- A. $28 \times 156 = 4,368$ exactly, so the answer is correct.
 C. $28 \times 156 = 4,568$, so the quotient is too low.
 B. $28 \times 156 = 4,268$, so the quotient is too high.
 D. The remainder must be 28.

- 4) The number line below has tick marks at halves. Which fraction is located at point Q?



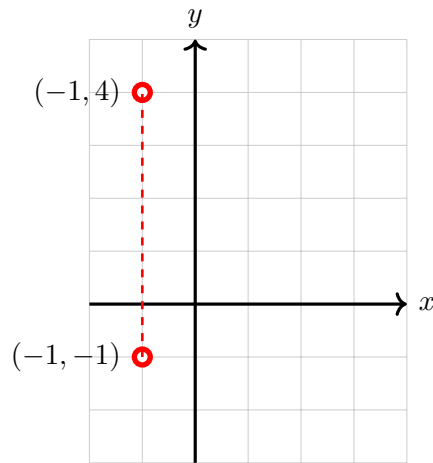
- A. -2
 C. -1
 B. $-\frac{1}{2}$
 D. $-1\frac{1}{2}$



- 5) Estimate: 8.9×6.2 . Which is closest?
- A. 54 C. 45
 B. 63 D. 15
- 6) Find the LCM of 5 and 9.
- A. 45 C. 40
 B. 35 D. 15
- 7) Which pair of numbers are opposites?
- A. -12 and 21 C. 6 and -6
 B. -9 and -9 D. 0 and -0
- 8) A city is at an elevation of 2050 feet above sea level. Its opposite elevation would be:
- A. -2050 feet C. 2050 feet
 B. $|2050|$ feet D. 4100 feet
- 9) What is the x -coordinate of any point on the positive y -axis?
- A. Any positive number C. Zero
 B. Any negative number D. One
- 10) The ratio of red marbles to blue marbles in a bag is $5 : 3$. If there are 15 red marbles, how many blue marbles are there?



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11)

Find the distance between $(-1, -1)$ and $(-1, 4)$.

A. 3 units

C. 5 units

B. 4 units

D. 6 units

12) A student measures the width of a table as 180 centimeters. How many meters wide is the table?



1) A scientist wants to study the sleeping habits of sixth graders. She surveyed 50 sixth graders. What is true about this study?

- A. The population is all 50 sixth graders surveyed.
- B. Both the population and sample are all sixth graders in the world.
- C. The population is the 50 sixth graders; there is no sample.
- D. The sample is the 50 sixth graders surveyed.

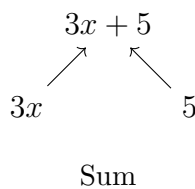
2) Order from least to greatest:

$$-\frac{3}{4}, \frac{1}{4}, -\frac{1}{4}, \frac{3}{4}$$

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

3) Evaluate: $\frac{48}{-8}$

- A. -6
- B. 6
- C. 40
- D. -40



4)

This tree represents which phrase?

- A. The product of 3, x , and 5
- B. Three times the sum of x and 5
- C. The sum of $3x$ and 5
- D. Five more than three



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5) Find the LCM of 7 and 11.

- A. 18 C. 70
 B. 77 D. 88

6) The opposite of the opposite of 8 is:

- A. 8 C. 0
 B. -8 D. 16

7) Which point is NOT on an axis?

- A. (0, 5) C. (0, 0)
 B. (-3, 0) D. (2, -4)

8) Points $A(-2, 1)$ and $B(4, 1)$ lie on a coordinate plane. What is the distance between them?

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

9) Which chip model shows $-4 + 6$? (Red chips = -1, Blue chips = +1)

Model A: 4 red + 6 blue



Model B: 3 red + 5 blue



- A. Model A; answer is 2 C. Model A; answer is 10
 B. Model B; answer is 2 D. Model B; answer is 8



1) A ratio can be graphed as ordered pairs. If a ratio graph shows the points (3, 12) and (5, 20), what is the y-value when $x = 0$?

A. 0

C. 8

B. 4

D. 12

2) A science class recorded the heights of 50 plants in cm: 8, 12, 15, 18, 20, 21, 22, 23, 25, 26, 28, 30, 31, 33, 35, 38, 40, 42, 44, 46, 48, 50, 52, 54, 55, 57, 59, 61, 62, 64, 65, 67, 68, 70, 72, 74, 75, 77, 78, 80, 82, 84, 85, 87, 88, 90, 92, 94, 95, 98.

Which display would be BEST for showing the spread and frequency of plant heights?

A. Bar graph showing each height

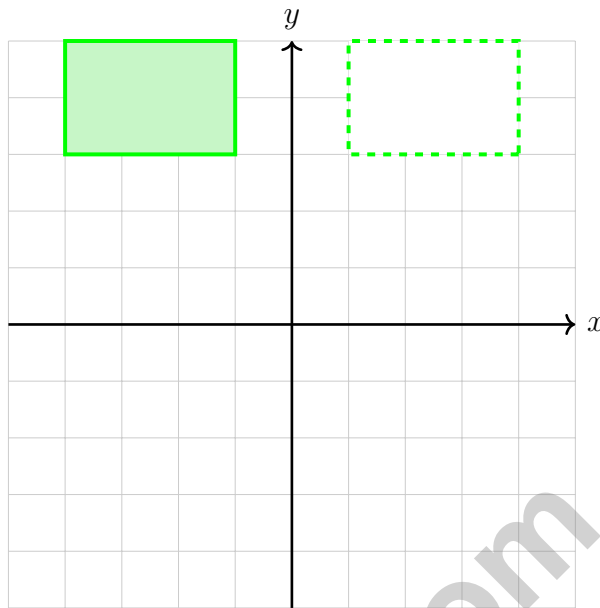
C. Circle graph dividing by plant type

B. Pictograph with plant symbols

D. Histogram with intervals of 10 cm



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3)

The solid rectangle is reflected over the y -axis to form the dashed rectangle. This shows that reflection preserves:

- A. Position
- B. Size and shape only
- C. Size, shape, and position
- D. Neither size nor shape

4) A dot plot displays test scores with the following data: 65, 70, 75, 75, 80, 80, 80, 85, 90, 95. What is the median score?

Georgia Milestones Practice Test Answer Keys

How to use this Georgia Milestones answer section with a Grade 6 student:

1. check the answer first, then write one quick reason the choice is correct
2. mark questions to try again, especially the skills that feel connected to peach-state practice discipline
3. rework the problem before reading the full explanation, using this reminder:
Show the thinking before the answer: circle clues, write the equation, and label the result.

A calm Georgia correction routine turns every missed item into useful practice. Take a round, review the explanations, and set one small target for the next test.



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Georgia Practice Test Answers and Explanations

Review the nine printed Milestones tests with confident, thoughtful, and ready for the next challenge habits.

Practice Test 1 Answers and Explanations

- 1) **Choice A is correct.** **(6.PAR.6.2)** The rectangle shows a common factor of 5 with widths 4 and 6. Factor first: $5(4 + 6)$ totals 50. Choice B flips roles (height 5 splits differently), while D skips the inner sum.
- 2) **Choice B is correct.** **(6.PAR.7.2)** Shortfall is Expenses minus Budgeted Amount: $\$1700 - \$1500 = \$200$.
- 3) **Choice A is correct.** **(6.NR.1.2)** Verification: $28 \times 156 = 4,368$. Marcus's answer is exactly correct—no remainder.
- 4) **Choice D is correct.** **(6.PAR.8.1)** Point Q is located at the half-tick between -2 and -1 , which is $-1\frac{1}{2}$.
- 5) **Choice A is correct.** **(6.NR.1.3)** Round: $8.9 \approx 9$ and $6.2 \approx 6$. Then $9 \times 6 = 54$. The exact answer is 55.18, which is closest to 54.
- 6) **Choice A is correct.** **(6.PAR.6.2)** Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40, 45, ... Multiples of 9: 9, 18, 27, 36, 45, ... The least common multiple is 45 because 5 and 9 share no common factors.
- 7) **Choice C is correct.** **(6.NR.3.5)** Opposites are numbers that are the same distance from zero but on opposite sides. 6 is 6 units right of zero, and -6 is 6 units left of zero, making them opposites.
- 8) **Choice A is correct.** **(6.NR.3.2)** The opposite of 2050 is -2050 , representing 2050 feet below the reference point.
- 9) **Choice C is correct.** **(6.PAR.8.3)** All points on the y -axis, including the positive y -axis, have $x = 0$.
- 10) **The correct answer is 9.** **(6.PAR.7.2)** Ratio 5 : 3 with 15 red marbles: each part is $15 \div 5 = 3$ marbles. Blue marbles: $3 \times 3 = 9$.
- 11) **Choice C is correct.** **(6.PAR.8.3)** Same x -coordinate (-1): $|4 - (-1)| = |4 + 1| = 5$ units.
- 12) **The correct answer is 1.8.** **(6.NR.4.7)** Divide: $180 \text{ cm} \div 100 \text{ cm/meter} = 1.8$ meters.
- 13) **Choice B is correct.** **(6.NR.1.1)** Starting depth: -15 meters. Ascending 6 meters: $-15 + 6 = -9$ meters.
- 14) **Choice D is correct.** **(6.PAR.7.4)** "Greater than or equal to" uses the \geq symbol, so the inequality is $x \geq -5$.
- 15) **Choice C is correct.** **(6.GSR.5.1)** Area = $8 \times 3 = 24 \text{ km}^2$.
- 16) **Choice A is correct.** **(6.GSR.5.3)** $V = \frac{1}{2} \times \frac{3}{4} \times \frac{2}{3} = \frac{6}{24} = \frac{1}{4} \text{ ft}^3$.
- 17) **Choice C is correct.** **(6.NR.2.4)** Maximum is 20, minimum is 5. Range = $20 - 5 = 15$.
- 18) **The correct answer is Equivalent-fraction divide and reciprocal multiply.** **(6.NR.1.2)** B uses a common denominator so you are dividing same-size chunks: $\frac{15}{18} \div \frac{6}{18} = \frac{15}{6} = \frac{5}{2}$. C keeps $\frac{5}{6}$ and multiplies by the reciprocal of $\frac{1}{3}$, which is $\frac{3}{1}$ —that is $\frac{5}{6} \times \frac{3}{1}$, also simplifying to $\frac{5}{2}$. A never flips $\frac{1}{3}$, D mixes random numbers together, and E flips $\frac{5}{6}$ instead of flipping the divisor.
- 19) **Choice C is correct.** **(6.NR.4.1)** The upper whisker extends from Q_3 to the maximum, representing the top 25% (the fourth quartile) of the data.
- 20) **Choice B is correct.** **(6.NR.1.2)** If $P(\text{on time}) = 65\% = 0.65$, then $P(\text{late}) = 1 - 0.65 = 0.35$ or 35%.
- 21) **Choice B is correct.** **(6.NR.2.5)** In a standard stem-and-leaf plot, the stem is the tens digit and the leaf is the ones digit.
- 22) **Choice B is correct.** **(6.NR.3.4)** Find the distance from -1.2 to each choice: to -2 is 0.8, to -1 is 0.2, to 0 is 1.2, to 3 is 4.2. The smallest distance is to -1 , so it is the closest.
- 23) **Choice D is correct.** **(6.NR.1.2)** Positive times negative is negative: $9 \times (-4) = -36$.
- 24) **The correct answer is 1300.** **(6.NR.3.6)** Net worth = Assets - Debts = $\$1500 - \$200 = \$1300$.
- 25) **Choice D is correct.** **(6.PAR.6.4)** "The product of 3 and 2" is $3 \cdot 2 = 6$. "The difference of s and" that product is $s - 3 \cdot 2$.
- 26) **Choice A is correct.** **(6.PAR.6.2)** Coefficients include their sign. The term $-7x$ has coefficient -7 , not 7.
- 27) **Choice C is correct.** **(6.PAR.6.5)** Distribute: $3(2x + 5) = 3 \cdot 2x + 3 \cdot 5 = 6x + 15$.
- 28) **Choice C is correct.** **(6.PAR.7.2)** Adding a shipment means add 20 to the starting number p .



Scan me!
For more practice
& answers

Hi, Math Pilot!

◇ 9 flights done in your math airplane. You have flown through smooth skies and bumpy clouds. You are a real pilot now. ◇

★ **Pilots know:** a good check before takeoff makes a smooth flight. Before each problem, do your check: read, plan, solve, verify. ★

Pilot Skills

- **Pre-Flight:** You read the question carefully.
- **Steering:** You pick the right strategy.
- **Smooth Flight:** You stay calm in long tests.
- **Landing:** You always check your final answer.

Pilot tip: on test day, take off one problem at a time. Trust your training. You earned your wings!

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

Jay Daie

Your Math Pilot

PRACTICE MORE. ACHIEVE MORE.

This **Grade 6 Math Practice Tests** book is designed to help students strengthen their math skills, master important concepts, and build the confidence they need to excel on any test.

With 9 full-length printed tests and 2 online tests, students get the review, practice, and realistic test experience they need to improve accuracy, develop problem-solving abilities, and reach their full potential.

Perfect for classroom use, homework, test preparation, and extra practice at home.

PERFECT FOR:

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



**PRACTICE TODAY.
SUCCEED 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.



Deeper Understanding

Reinforce key math concepts aligned with standards.



Test Confidence

Get familiar with test formats and improve accuracy.



Achieve Success

Build confidence and perform your best on test day.

TOPICS COVERED

- ✓ Ratios & Rates
- ✓ The Number System
- ✓ Expressions & Equations
- ✓ Geometry
- ✓ Fractions & Decimals
- ✓ Percents
- ✓ Statistics & Probability
- ✓ Data Analysis
- ✓ Measurement & Conversions
- ✓ And More!



2 ONLINE TESTS

Extra online practice to reinforce learning and build confidence.

MORE PRACTICE. GREATER RESULTS.

Give your child the tools needed to develop strong math skills, confidence, and a positive attitude toward learning.



9 PRINTED
PRACTICE TESTS



2 ONLINE
PRACTICE TESTS



DETAILED ANSWER
EXPLANATIONS