

9 Georgia Milestones

GRADE 3 MATH PRACTICE TESTS

COMPLETE STANDARDS REVIEW WITH SKILL PRACTICE, WORD PROBLEMS, AND ANSWER KEY



10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM

9 Georgia Milestones Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 3 practice rounds with operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Georgia, Start Your Nine-Round Math Route

A brave Grade 3 journey from first try to confident finish

This book gives you nine chances to practice like a thoughtful Georgia Milestones test taker. Each round mixes numbers, shapes, fractions, data, measurement, and word problems so your brain learns to switch skills calmly.

Georgia has peach orchards, pine forests, city streets, coastal marshes, and warm classroom energy, where careful steps matter. Strong math follows that same idea: model what the question asks, choose a useful tool, show the work, and reason before moving on.

Your Georgia Math Promise

I will slow down enough to understand the question. I will show the work that helps me think. I will use mistakes as practice fuel, then try again with a sharper plan.

Nine rounds is not about rushing. It is about building a math habit that stays strong.

How to Use This Book

A nine-session routine for clear Georgia review

1. **Warm up first.** Read the quick review pages and remind yourself of the big ideas.
2. **Take one test at a time.** Work without rushing. Circle words, sketch models, and label units.
3. **Check the answer key.** Mark correct answers, then star questions that need another look.
4. **Read explanations after trying again.** The explanation works best after your brain has wrestled with the problem.
5. **Use the growth log.** Track the score, one strong habit, and one skill to practice next.

Good rhythm: Test one day, review the next day, then take the next test when your corrections feel clear. In Georgia, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with Milestones support

Part	What You Practice
Nine full tests	30 mixed Grade 3 questions in each round
Question styles	Multiple choice, select-all, and open-ended work spaces
Math topics	Operations, patterns, rounding, fractions, measurement, data, area, perimeter, and shapes
Answer support	Compact answer keys plus explanations for every item
Standards help	A Georgia standards reference and standard-code boxes in explanations

Why mixed practice helps: Real tests do not announce the next skill. These nine rounds help students recognize the math move they need, even when the topic changes from question to question.

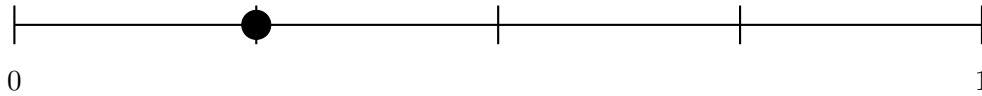


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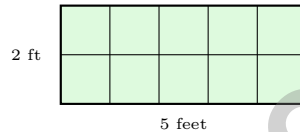
Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	39
★ Practice Test 4	_____	52
★ Practice Test 5	_____	63
★ Practice Test 6	_____	75
★ Practice Test 7	_____	87
★ Practice Test 8	_____	100
★ Practice Test 9	_____	112
Practice Test Answer Keys	_____	123
Practice Test Answers and Explanations	_____	129

- 1) On a number line from 0 to 1 split into 4 equal parts, the distance from 0 to $\frac{1}{4}$ is what part of the whole line?

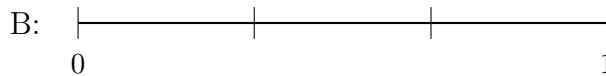
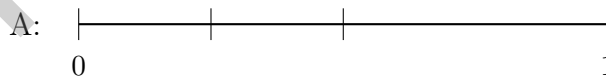


- A. $\frac{1}{4}$ of the line
 B. $\frac{2}{4}$ of the line
 C. $\frac{3}{4}$ of the line
 D. The whole line
- 2) A unit square measures 1 foot by 1 foot. Which rectangle requires exactly 10 unit squares to cover it?



- A. 2 feet by 5 feet
 B. 3 feet by 3 feet
 C. 2 feet by 4 feet
 D. 3 feet by 2 feet
- 3) How many unit fractions of $\frac{1}{4}$ make a whole?
- A. 2
 B. 3
 C. 4
 D. 8

- 4) Which number line correctly divides from 0 to 1 into 3 equal parts?



- A. Option A
 B. Option B
 C. Neither
 D. Both



5) A rectangular piece of tile is 9 feet long and 2 feet wide. What is its area?

A. 11 square feet

C. 27 square feet

B. 18 square feet

D. 13 square feet

6) Sam colors $\frac{3}{6}$ of a shape. Write an equivalent fraction.



7) A rectangular piece of fabric is 10 feet long and 2 feet wide. What is the total area of the fabric?

A. 12 sq ft

C. 24 sq ft

B. 20 sq ft

D. 5 sq ft

8) What is 9×8 ?

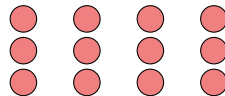
A. 63

C. 72

B. 70

D. 80

9)



How many circles are in this picture?

A. 7 circles

C. 9 circles

B. 10 circles

D. 12 circles



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10) What number makes the equation true?

$$\square \div 5 = 8$$

A. 50

C. 45

B. 35

D. 40

11) The shape shows all its parts shaded. What fraction is this?



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

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

B. $\frac{2}{1}$

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

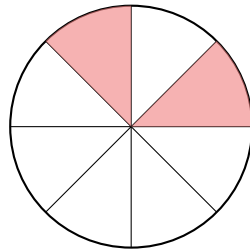
12) Fill in the missing number in the multiplication table:

×	2	3	4
5	10	15	_____

What is 5×4 ? Describe the pattern.



- 1) Here is a circle divided into 8 equal parts by lines from the center.



Two parts are shaded. What fraction is shaded?

- A. $\frac{1}{8}$ C. $\frac{3}{8}$
 B. $\frac{2}{8}$ D. $\frac{4}{8}$
- 2) A rectangle has 4 rows of unit squares and 8 columns of unit squares. What is its area?

- 3) A square has a perimeter of 20 feet. What is the length of one side?

- A. 5 ft C. 10 ft
 B. 4 ft D. 20 ft
- 4) A classroom floor is T-shaped. The top part is 6 units by 2 units. The bottom part is 4 units by 3 units. What is the total floor area?
- A. 24 sq units C. 36 sq units
 B. 12 sq units D. 30 sq units



5) Mia folds a paper into 3 equal parts. What unit fraction is one part?

- A. $\frac{1}{4}$
 B. $\frac{1}{2}$

- C. $\frac{1}{3}$
 D. $\frac{1}{6}$

6) Which two fractions both equal 2 wholes?

- A. $\frac{2}{1}$ and $\frac{2}{2}$
 B. $\frac{2}{1}$ and $\frac{8}{4}$

- C. $\frac{4}{3}$ and $\frac{6}{3}$
 D. $\frac{8}{2}$ and $\frac{10}{5}$

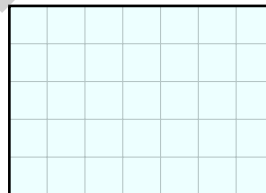
7) A picture graph shows stickers collected. Each star represents 2 stickers. If Sam has 3 stars, how many stickers does Sam have?



- A. 2
 B. 5

- C. 6
 D. 8

8) This grid shows a rectangle.



What is the area in square units?

- A. 25 sq units
 B. 30 sq units

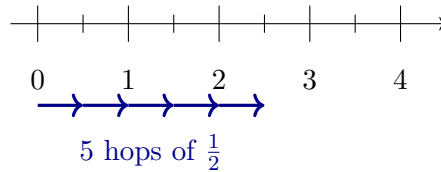
- C. 35 sq units
 D. 40 sq units



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1) Which fact family shows numbers that belong together?

- A. 5, 8, 40 and $40 \div 5 = 7$
 C. 6, 7, 42 and $42 \div 7 = 5$
 B. 4, 6, 24 and $24 \div 4 = 6$
 D. 3, 9, 27 and $27 \div 3 = 8$



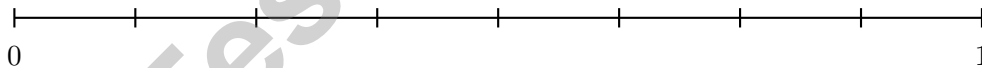
2)

A frog makes 5 hops, each of $\frac{1}{2}$, starting at 0 on a number line divided into halves. Where does the frog land?

- A. At 3
 C. At $\frac{1}{2}$
 B. At 2.5
 D. At 5
- 3) Which fraction is equivalent to $\frac{2}{4}$?

- A. $\frac{2}{6}$
 C. $\frac{4}{6}$
 B. $\frac{3}{6}$
 D. $\frac{1}{4}$

4) On a number line from 0 to 1 with 8 equal parts, which tick mark is at $\frac{7}{8}$?



- A. The fifth tick
 C. The seventh tick
 B. The sixth tick
 D. The eighth tick



5) Ben pours milk from two containers. One has 750 mL and the other has 250 mL. How many milliliters of milk in total?

A. 500 mL

C. 1000 mL

B. 750 mL

D. 1500 mL

6) If $\frac{1}{3} = \frac{2}{6}$, what numerator goes with denominator 6?

7) Eli knows that $72 \div 8 = 9$. Which multiplication fact helps him check this division?

A. $8 \times 9 = 72$

C. $9 \times 9 = 81$

B. $7 \times 9 = 63$

D. $8 \times 8 = 64$

8) Which fraction is NOT equivalent to $\frac{3}{6}$?

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

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

B. $\frac{2}{4}$

D. $\frac{2}{3}$

9) A teacher buys 5 packs of colored paper with 10 sheets each for a project. She divides them equally among 5 students. How many sheets does each student get?

A. 5

C. 15

B. 25

D. 10



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Practice Test Answer Keys

How to use this section with a Grade 3 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 A is correct.** **(3.NR.4.1)** From 0 to $\frac{1}{4}$ is exactly one of the four equal parts, so it is $\frac{1}{4}$ of the whole line.
- 2) **Choice A is correct.** **(3.MDR.5.5)** $2 \times 5 = 10$ unit squares. Option B is $3 \times 3 = 9$. Option C is $2 \times 4 = 8$. Option D is $3 \times 2 = 6$.
- 3) **Choice C is correct.** **(3.PAR.2.2)** $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{4}{4} = 1$ whole. So 4 unit fractions of $\frac{1}{4}$ make a whole.
- 4) **Choice B is correct.** **(3.NR.4.1)** Option B has equal spacing. Option A is unequal; distances differ.
- 5) **Choice B is correct.** **(3.GSR.7.3)** Multiply length by width: $9 \times 2 = 18$ square feet.
- 6) **The correct answer is $\frac{1}{2}$.** **(3.NR.4.2)** $\frac{3}{6}$ equals half of a whole, so the equivalent fraction is $\frac{1}{2}$.
- 7) **Choice B is correct.** **(3.PAR.3.5)** Area = length \times width = $10 \times 2 = 20$ square feet.
- 8) **Choice C is correct.** **(3.PAR.3.2)** $9 \times 8 = 72$. Think $9 \times 8 = 9 \times (10 - 2) = 90 - 18 = 72$.
- 9) **Choice D is correct.** **(3.NR.4.1)** The picture shows 4 columns with 3 circles in each column. So $4 \times 3 = 12$ circles.
- 10) **Choice D is correct.** **(3.PAR.3.7)** Use the inverse: $8 \times 5 = 40$, so $40 \div 5 = 8$.
- 11) **Choice D is correct.** **(3.NR.4.4)** Both parts are shaded, so it is $\frac{2}{2}$, which equals 1 whole. (A) is only one shaded part. (B) and (C) are not written with correct denominator 2.
- 12) **The correct answer is 20.** **(3.PAR.3.2)** The row for 5 shows 10, 15, and then 20. Each number increases by 5 because we multiply 5 by 2, then 3, then 4. So $5 + 5 = 10 + 5 = 15 + 5 = 20$.
- 13) **Choice A is correct.** **(3.NR.4.4)** $\frac{2}{6} = \frac{1}{3}$. When you simplify $\frac{2}{6}$, you get one-third.
- 14) **Choices A and C are correct.** **(3.MDR.5.2)** 45 minutes after 3 : 00 PM is 3 : 45 PM, so choices A and C match. Choice B is 4 : 15 PM, choice D is in the morning, and choice E is 4 : 05 PM.
- 15) **Choice D is correct.** **(3.NR.4.1)** Point D is at 2.5. Count from 0: the 10th fourth-mark is at $\frac{10}{4} = 2\frac{2}{4} = 2\frac{1}{2}$.
- 16) **Choice B is correct.** **(3.GSR.7.3)** Square: $5 \times 5 = 25$ tiles. Equal row and column count.
- 17) **Choice B is correct.** **(3.GSR.7.2)** A rhombus with angles that are not right angles has 4 equal sides but no right angles, so it is a rhombus but not a square.
- 18) **Choice B is correct.** **(3.NR.4.1)** Rectangle B has 2 lines that divide it into 3 equal parts. Rectangles A and C have unequal spacing.
- 19) **The correct answer is $\frac{2}{4}$.** **(3.NR.4.4)** Multiply the numerator and denominator by 2: $\frac{1 \times 2}{2 \times 2} = \frac{2}{4}$.
- 20) **Choice B is correct.** **(3.MDR.5.5)** 8 units \times 3 units = 24 unit squares.
- 21) **Choice C is correct.** **(3.MDR.5.5)** 1 kg = 1000 g. Add: $1000 + 600 + 400 = 2000$ g.
- 22) **Choice D is correct.** **(3.NR.4.1)** Making equal groups (necklaces) is a division problem. Divide 28 by 7 to find how many beads per necklace: $28 \div 7 = 4$.
- 23) **Choice D is correct.** **(3.PAR.2.2)** First multiply the number of packs by crayons per pack: $4 \times 9 = 36$. Then add the crayons she has: $36 + 7 = 43$.
- 24) **Choice A is correct.** **(3.NR.1.3)** The tens digit is 4. Since $4 < 5$, round down: 145 rounds to 100.
- 25) **Choice B is correct.** **(3.PAR.3.4)** Area = $10 \times 2 = 20$ square meters.
- 26) **Choice A is correct.** **(3.NR.1.2)** Eli ate the whole bar because $\frac{3}{3} = 1$. Mia ate less than the whole bar, so Eli ate more.
- 27) **Choice D is correct.** **(3.PAR.3.5)** $60 = 6 \times 10$. The number bond shows that 60 can be decomposed into 6 and another factor; that factor is 10. You multiply 6×10 to get 60.
- 28) **Choice C is correct.** **(3.MDR.5.1)** Red: $5 \times 4 = 20$. Blue: $6 \times 4 = 24$. Green: $4 \times 4 = 16$. Total: $20 + 24 + 16 = 60$.
- 29) **Choice D is correct.** **(3.PAR.3.7)** To solve $72 \div 8 = \square$, find $\square \times 8 = 72$. The multiplication fact $8 \times 9 = 72$ tells us the answer is 9 items per group.
- 30) **Choice B is correct.** **(3.GSR.7.1)** Count the rows: 3 rows. Count across each row: 6 tiles. Total: $6 + 6 + 6 = 18$ unit square tiles are needed.

Practice Test 2 Answers and Explanations



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Hi, Math Champion!

◇ You trained hard! 9 full practice tests is real practice. Your math game is way better now than when you started. ◇

★ **Coach's truth:** kids who practice get better. You practiced. You got better. That's how it works!

★

Your Game Stats

- **Energy:** HIGH! You can finish a long test.
- **Smart Plays:** You know lots of strategies.
- **Calm Head:** You stay cool with hard problems.
- **Game-Day Ready:** You feel strong and prepared.

Coach's tip: the night before the test, get good sleep. Eat a good breakfast. Bring a sharp pencil. Trust your training!

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

Jay Daie

Your Math Coach

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9
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