

+  
★  
**10**

=  
**Georgia**  
**Milestones**



**GRADE 3**

**MATH**

**PRACTICE TESTS**

✓ Complete Standards Review

✓ Skill Practice

✓ Word Problems  
and Answer Key

**2 × 7 + 4**



★ ★ ★  
**PREPARE  
PRACTICE  
SUCCEED!**  
★ ★ ★



Aligned to  
Grade 3 Math  
Standards



Build Confidence  
and Master  
Math Skills



Test-Taking  
Practice for  
Success



Answer Key  
for Easy  
Review

# 10 Georgia Milestones Grade 3 Math Practice Tests

*Standards-Aligned Review with Mixed Practice and Answer Key*



Ten complete 30-question Grade 3 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!

Ten steady rounds on the Peach State math route

This book gives you ten 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?

Ten tests, 300 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.
Test 10	Final round to show growth across the whole Georgia book.
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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For more practice  
& answers

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1) Which shows how many unit fractions of  $\frac{1}{3}$  are needed to make a whole?

- A. 1 unit fraction                       C. 3 unit fractions  
 B. 2 unit fractions                       D. 6 unit fractions

2) A composite shape is made of a 7 ft by 2 ft rectangle and a 3 ft by 3 ft rectangle joined together. What is the total area?

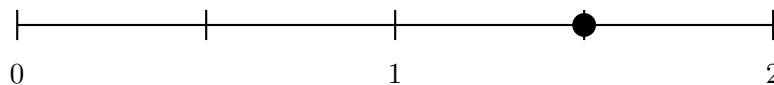


3)



This is a  $6 \times 1$  grid. How many unit squares are shown?

- A. 5 unit squares                       C. 7 unit squares  
 B. 6 unit squares                       D. 8 unit squares
- 4) Which skip-counting pattern has all even numbers?
- A. Skip count by 3: 3, 6, 9, 12, ...       C. Skip count by 5: 5, 10, 15, 20, ...  
 B. Skip count by 7: 7, 14, 21, 28, ...       D. Skip count by 2: 2, 4, 6, 8, ...
- 5) A number line goes from 0 to 2 with 4 equal parts. What number is marked by the dot?



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



6) Which product is smaller?

A.  $2 \times 80$

B.  $4 \times 30$

 C. They are equal D. Cannot tell

7) If the unit fraction on a number line is  $\frac{1}{8}$ , how many such fractions fit from 0 to 1?

8)  $\frac{1}{2} = \frac{?}{4}$ . What is the missing numerator?

A. 1

B. 2

C. 3

D. 4

9) Mrs. Chen has 24 books to place on 4 shelves equally. How many books go on each shelf?

A. 5 books

B. 8 books

C. 7 books

D. 6 books

10) A square room has sides of 9 units. How many unit square floor tiles are needed to cover it?

A. 36 tiles

B. 72 tiles

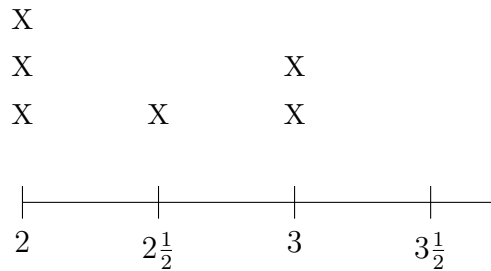
C. 18 tiles

D. 81 tiles



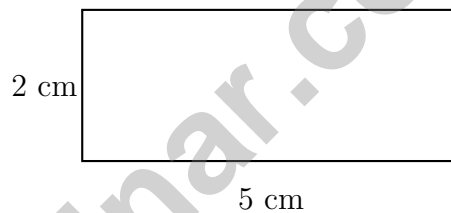
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& answers

- 11) Sam measured the heights of flower stems in inches. The line plot below shows halves:  
 $2, 2\frac{1}{2}, 3, 3\frac{1}{2}$ .



What is the most common stem height?

- |   |   |
|---|---|
| <input type="checkbox"/> A. 2 inches              | <input type="checkbox"/> C. 3 inches              |
| <input type="checkbox"/> B. $2\frac{1}{2}$ inches | <input type="checkbox"/> D. $3\frac{1}{2}$ inches |



- 12)

What is the area of the rectangle shown?

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. 7 sq cm  | <input type="checkbox"/> C. 12 sq cm |
| <input type="checkbox"/> B. 14 sq cm | <input type="checkbox"/> D. 10 sq cm |





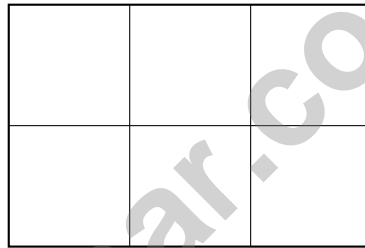
- 4) Add  $375 + 248$  using the standard algorithm (aligning by place value).



- 5) A rectangular field has length 9 meters and width 4 meters. What is the area?

- A. 13 sq m                       C. 26 sq m  
 B. 36 sq m                       D. 45 sq m

- 6) A student says that this rectangle is divided so each part is  $\frac{1}{4}$ . Is the student correct?

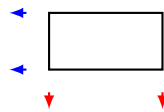


- A. Yes, there are 4 parts                       C. No, the parts are unequal  
 B. No, there are 6 parts, so each is  $\frac{1}{6}$                        D. Yes, each part is  $\frac{1}{4}$
- 7) Mia tiles a rectangle that is 3 tiles wide and 6 tiles tall. Jordan tiles a rectangle that is 2 tiles wide and 9 tiles tall. Whose rectangle has a bigger area?
- A. Mia's rectangle                       C. They have the same area  
 B. Jordan's rectangle                       D. Cannot tell from this information



1) A pizza shop made 312 pizzas on Friday and 289 pizzas on Saturday. How many pizzas did the shop make in total?

- A. 501                                       C. 511  
 B. 610                                       D. 601



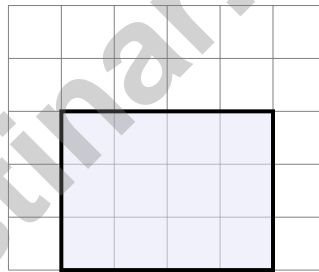
Parallel

2)

Which statement about parallel sides is true?

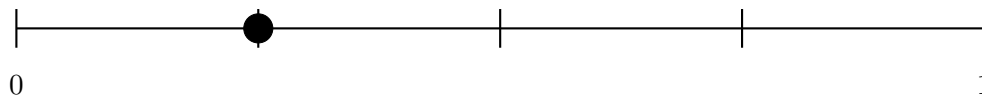
- A. All triangles have parallel sides       C. No quadrilaterals have parallel sides  
 B. All rectangles have parallel sides     D. Only circles have parallel sides

3) Look at the grid. What is the area of this shaded region?



- A. 9 square units                               C. 10 square units  
 B. 12 square units                             D. 15 square units

4) A number line shows the distance from 0 to 1 split into 4 equal parts. Where is  $\frac{1}{4}$  located?



- A. At the first tick mark                       C. At the third tick mark  
 B. At the second tick mark                     D. At the fourth tick mark



5) What is  $9 \times 6$ ?

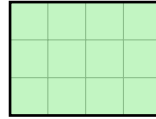
A. 48

C. 54

B. 52

D. 60

6) This grid shows a shape made of unit squares.



What is the area?

A. 12 sq units

C. 14 sq units

B. 10 sq units

D. 7 sq units

7) A teacher has 96 stickers and divides them equally among 8 groups. Then each group uses 2 stickers. How many stickers does one group have left?

8) A picture graph shows marbles. Each circle represents 2 marbles. Ava has 5 circles and Noah has 3 circles. How many more marbles does Ava have?

A. 4

C. 8

B. 6

D. 10



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& answers

## 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 C is correct.** **(3.PAR.2.2)**  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{3}{3} = 1$  whole. So 3 unit fractions of  $\frac{1}{3}$  make a whole.
- 2) **The correct answer is 23 square feet.** **(3.GSR.8.2)** Rectangle 1:  $7 \times 2 = 14$  sq ft. Rectangle 2:  $3 \times 3 = 9$  sq ft. Total:  $14 + 9 = 23$  sq ft.
- 3) **Choice B is correct.** **(3.MDR.5.5)** A  $6 \times 1$  grid contains exactly 6 unit squares arranged in a row.
- 4) **Choice D is correct.** **(3.PAR.3.2)** Skip counting by an even number always gives all even numbers.
- 5) **Choice D is correct.** **(3.NR.4.1)** The line from 0 to 2 is cut into 4 equal steps, so each step is  $\frac{1}{2}$ . The third tick is  $1\frac{1}{2}$ .
- 6) **Choice B is correct.** **(3.PAR.3.5)**  $2 \times 80 = 160$  and  $4 \times 30 = 120$ . Since  $120 < 160$ , the product  $4 \times 30$  is smaller.
- 7) **The correct answer is 8.** **(3.NR.4.1)** Eight equal parts of size  $\frac{1}{8}$  each sum to the whole interval.
- 8) **Choice B is correct.** **(3.NR.4.4)** The denominator was multiplied by 2 (from 2 to 4). Multiply the numerator by 2:  $1 \times 2 = 2$ . So  $\frac{1}{2} = \frac{2}{4}$ .
- 9) **Choice D is correct.** **(3.PAR.3.7)**  $24 \div 4 = \square$  means  $\square \times 4 = 24$ . Since  $6 \times 4 = 24$ , each shelf has 6 books.
- 10) **Choice D is correct.** **(3.GSR.7.1)**  $9 \times 9 = 81$  unit square tiles.
- 11) **Choice A is correct.** **(3.MDR.5.4)** The value with the most X's is the mode. At 2 inches, there are 3 X's. This is more than any other value.
- 12) **Choice D is correct.** **(3.PAR.3.5)** Area = length  $\times$  width =  $5 \times 2 = 10$  square centimeters.
- 13) **Choice A is correct.** **(3.MDR.5.2)** The minute hand points to 11 minutes (just past the 2), and the hour hand is just past 2. The time is 2 : 11.
- 14) **Choice D is correct.** **(3.PAR.3.7)** There are 3 equal groups of 8 marbles. Multiply:  $3 \times 8 = 24$  marbles.
- 15) **Choice D is correct.** **(3.PAR.3.2)**  $40 \div 5 = 8$  because  $8 \times 5 = 40$ .
- 16) **Choice A is correct.** **(3.PAR.3.4)** The grid has 8 columns and 5 rows. Area =  $8 \times 5 = 40$  square units. You can also add:  $8 + 8 + 8 + 8 + 8 = 40$  (five rows of eight).
- 17) **Choices A and C are correct.** **(3.PAR.3.3)** A shows  $5 \times (3 + 2) = 5 \times 3 + 5 \times 2$ , which is the distributive property. C shows  $3 \times (2 + 4) = 3 \times 2 + 3 \times 4$ , also distributive. B is commutative, D is associative, and E is just a fact.
- 18) **Choice B is correct.** **(3.MDR.5.1)** Blue:  $5 \times 2 = 10$  ribbons. Red:  $3 \times 2 = 6$  ribbons. More:  $10 - 6 = 4$ .
- 19) **Choice A is correct.** **(3.NR.4.2)**  $\frac{2}{3}$  and  $\frac{4}{6}$  represent the same amount. Both show two-thirds.
- 20) **Choice A is correct.** **(3.NR.4.4)** Both bars show the same shaded region (one-half of each bar). They are equivalent fractions.
- 21) **Choice B is correct.** **(3.NR.4.1)** Two slices out of eight equal slices is  $\frac{2}{8}$ .
- 22) **Choice A is correct.** **(3.GSR.7.2)** A vertical line in a rectangle splits its width or length. Here the length is 7 and the other dimension splits into  $3 + 2$ .
- 23) **Choice D is correct.** **(3.NR.4.1)** This is a measurement division: How many groups of 5 fit in 25? Divide 25 by 5 to get 5 packs.
- 24) **Choice A is correct.** **(3.PAR.3.7)** To find the number of bags, divide the total marbles by the marbles in each bag:  $72 \div 8 = 9$ .
- 25) **Choice C is correct.** **(3.NR.1.3)** The tens digit is 5. Since  $5 \geq 5$ , round up: 156 rounds to 200.
- 26) **The correct answer is 1.** **(3.NR.4.4)** When numerator = denominator, the fraction equals 1 whole.  $\frac{5}{5} = 1$ .
- 27) **Choice C is correct.** **(3.GSR.7.3)**  $7 \times 5 = 35$  square units.
- 28) **Choice D is correct.** **(3.PAR.2.2)** Start at 0, jump 150 to get to 150, then jump 300 more to get to 450.
- 29) **Choice C is correct.** **(3.GSR.7.3)** The rectangle is 4 units wide and 3 units tall.  $4 \times 3 = 12$  square units.
- 30) **Choice B is correct.** **(3.MDR.5.5)** This is a square:  $5 \times 5 = 25$  unit squares.

### Practice Test 2 Answers and Explanations



## Hi, Hero!

◇ Once there was a Grade 3 student who took 10 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

### Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

**Storyteller tip:** on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

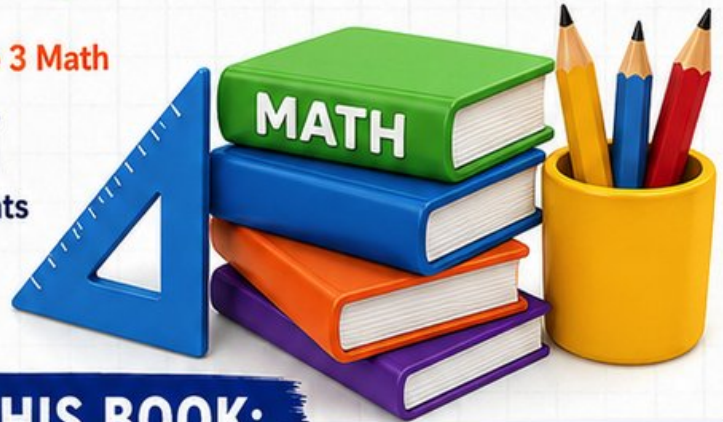
If you want to share something or ask a question, please email me at [jay@testinar.com](mailto:jay@testinar.com).

**Jay Daie**

Your Math Storyteller

# PRACTICE TODAY. SUCCEED TOMORROW!

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