

# 8

# South Carolina

# SC READY

## GRADE 3

# MATH

## PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



8 Full-Length  
Practice Tests



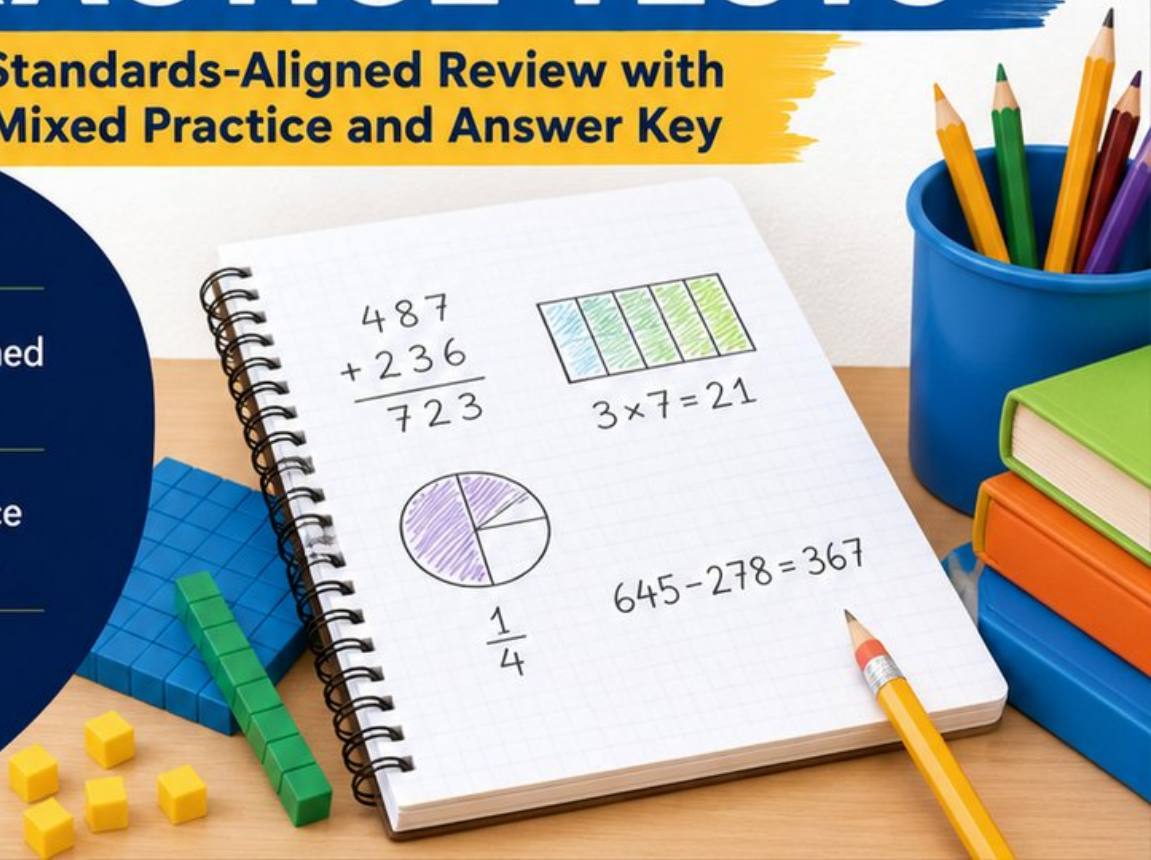
Standards-Aligned  
Questions



Build Confidence  
and Math Skills



Answer Key  
Included



# 8 South Carolina SC READY Grade 3 Math Practice Tests

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

704 + 198

$A = 42$

1 2 3 4 5 6 7 8

$8 \times 7$

$\frac{5}{6}$

**8**

complete practice tests

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

**Jay Daie and Reza Nazari**



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# South Carolina, Your Eight-Test Math Path Begins

Eight focused rounds, one stronger Grade 3 problem solver

This book gives you eight full chances to practice like a careful test taker for the South Carolina SC READY. Each test is a new route through numbers, shapes, data, measurement, and word problems. Work slowly enough to notice what the question asks, and proudly enough to show your thinking.

South Carolina has palmetto shores, marsh walks, pine woods, historic streets, and bright classrooms, where careful steps matter. Strong math follows that same path: notice the question, choose a tool, show the work, and check the route before making a choice.

## Your South Carolina Math Promise

I will read the whole question, choose a smart strategy, write clear work, and check whether my answer makes sense.

**Eight rounds. Thirty questions each. One careful step at a time.**

# How to Use This Book

## A simple eight-round routine for confident review

Use this South Carolina book as a practice plan, not a race. Finish one test, review it, fix a few problems, then carry one better habit into the next test.

1. **Preview the reference page.** Notice units, time, and measurement facts before you begin.
2. **Take one full test.** Circle anything that feels tricky so you can return to it.
3. **Check the answer key.** Mark correct answers and questions to try again.
4. **Read explanations.** Study missed items and lucky guesses first.
5. **Redo three problems.** Write fresh work without copying the explanation.
6. **Name one habit.** Pick a focus such as labels, facts, fractions, or neat work.
7. **Try the next test.** Bring that habit forward.
8. **Finish with a final check.** Look for growth across all eight tests.

**Best review habit:** In South Carolina, strong practice means slowing down enough to see the clue. When an answer is wrong, ask, “What step would I change next time?”



# What Is Inside the Eight Tests?

## Mixed Grade 3 math practice for the SC READY

Each practice test has 30 questions. You will see multiple-choice questions, select-all questions, and open-ended questions with workspace. The mix helps students practice both choosing an answer and explaining a short mathematical result.

Part	What to Expect
Eight full tests	30 mixed Grade 3 questions in each round
Math topics	multiplication, division, place value, fractions, time, measurement, data, area, perimeter, and shapes
Answer keys	compact answer boxes for quick checking
Explanations	short reasoning for every item so mistakes become useful review
Progress pages	places to record scores, habits, and next-step goals

**South Carolina focus:** The practice path starts with palmetto shores, marsh walks, pine woods, historic streets, and bright classrooms. Strong math uses the same idea: know the path, follow the clues, and check the final answer.



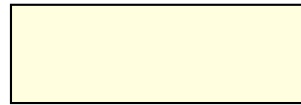
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& answers

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- 5) Look at these two rectangles. Rectangle A is 6 units by 2 units. Rectangle B is 3 units by 4 units. Which has the greater area?



Rectangle A

$6 \times 2$

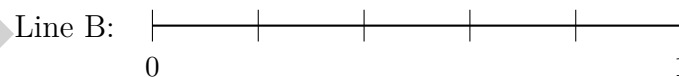
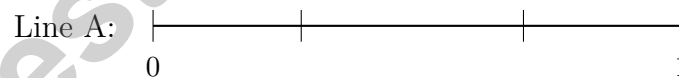


Rectangle B

$3 \times 4$

- A. Rectangle A
- B. Rectangle B
- C. Cannot determine
- D. They are equal
- 6) What is  $6 \times 4$ ?

- 7) A teacher draws two number lines from 0 to 1. Which one shows equal partitions?



- A. Line A
- B. Line B
- C. Both have equal parts
- D. Neither has equal parts



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& answers

8) Ben has one whole cookie. Which fraction represents this?

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

- C.  $\frac{1}{0}$   
 D.  $\frac{1}{1}$

2	1	6
hundreds	tens	ones

9)

The place-value chart shows the number 216. What is  $216 + 384$ ?

- A. 600  
 B. 601

- C. 500  
 D. 610

10) A park needs sod for a rectangular field 9 feet long and 7 feet wide. What is the area?

- A. 32 sq ft  
 B. 56 sq ft

- C. 63 sq ft  
 D. 72 sq ft

11) A line plot shows rainfall amounts in inches:  $1, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{3}{4}, 2$ . If there are 2 days with 1 inch, 3 days with  $1\frac{1}{4}$  inches, 2 days with  $1\frac{1}{2}$  inches, and 1 day with  $1\frac{3}{4}$  inches, how many days had 2 inches if the total is 10 days?

- A. 1  
 B. 2

- C. 3  
 D. 4



1) Which number rounds to 70 when rounded to the nearest 10?

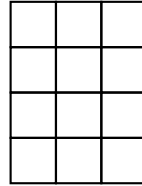
A. 64

C. 75

B. 76

D. 67

2) Ava is looking at this shape made of unit squares:



How many unit squares cover this shape?

A. 7 unit squares

C. 12 unit squares

B. 10 unit squares

D. 15 unit squares

3) What is  $80 \div 8$ ?

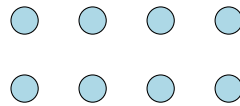
A. 8

C. 10

B. 9

D. 12

4)



What multiplication equation matches this picture?

A.  $8 \times 2 = 16$

C.  $2 \times 2 = 4$

B.  $4 + 4 = 8$

D.  $4 \times 2 = 8$



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5) A cup holds 200 mL. About how many cups would fill a 1000 mL pitcher? ESTIMATE.

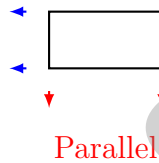
6) Eli shares 24 pencils equally among 3 friends. How many pencils does each friend get?

A. 8

C. 6

B. 7

D. 4



7)

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

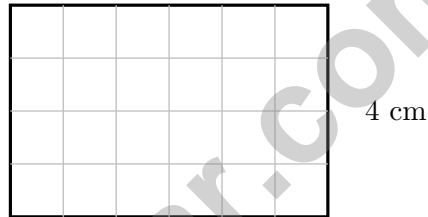
D. Only circles have parallel sides



1) Ben marks the location of  $\frac{5}{6}$  on a number line from 0 to 1 divided into 6 equal parts. Which statement is TRUE?

- A.  $\frac{5}{6}$  is 1 tick away from 1
- B.  $\frac{5}{6}$  is 5 ticks away from 0
- C.  $\frac{5}{6}$  is closer to 0 than to 1
- D.  $\frac{5}{6}$  is at the 6th tick

2) A chocolate bar is divided into 4 equal pieces. What fraction is one piece?



3) Count the unit squares in the grid. What is the area?

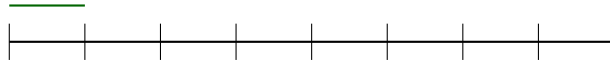
- A. 10 sq cm
- B. 20 sq cm
- C. 24 sq cm
- D. 36 sq cm

4) Ben ate all of his apple. He ate  $\frac{8}{8}$  of it. How many wholes did he eat?

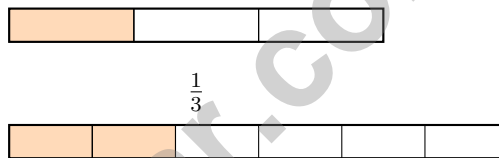
- A. 8
- B. 0
- C. 1
- D.  $\frac{1}{8}$



- 5) A ribbon is marked on a number line from 0 to 1 with 8 equal spaces. Mia marks the first space. What fraction of the ribbon is marked?

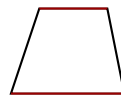


- A.  $\frac{1}{8}$ 
 C.  $\frac{1}{9}$   
 B.  $\frac{1}{7}$ 
 D.  $\frac{2}{8}$
- 6) Which number sentence matches “How many groups of 4 are in 16?”
- A.  $4 + 16$ 
 C.  $4 \times 16$   
 B.  $16 - 4$ 
 D.  $16 \div 4$
- 7) Sam eats 1 slice from a 3-slice pizza. Which fraction is equivalent to what he ate?



?

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



Parallel sides

- 8) This shape has exactly one pair of parallel sides. Which name describes this shape?
- A. Rectangle
  C. Trapezoid  
 B. Rhombus
  D. Square



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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 D is correct.** (3.PAFR.2.1) Divide:  $56 \div 8 = 7$  cartons.
- 2) **Choice C is correct.** (3.NR.2.1) The lines do not create equal parts. Lines from the center must divide a circle into equal angles to make equal parts.
- 3) **Choice D is correct.** (3.NR.2.4) The line is divided into thirds, so  $\frac{1}{4}$  is not a tick mark on this particular number line.
- 4) **Choice C is correct.** (3.PAFR.1.2) The area model shows 4 groups of  $(6 \times 10)$ . Adding:  $60 + 60 + 60 + 60 = 240$ . Or:  $(4 \times 6) \times 10 = 24 \times 10 = 240$ .
- 5) **Choice D is correct.** (3.PAFR.2.4) Rectangle A:  $2 \times 6 = 12$  square units. Rectangle B:  $3 \times 4 = 12$  square units. Both have the same area.
- 6) **The correct answer is 24.** (3.PAFR.1.3) By the commutative property,  $4 \times 6 = 6 \times 4 = 24$ .
- 7) **Choice B is correct.** (3.NR.2.1) Line B has equal spacing between all ticks. Line A has unequal spacing.
- 8) **Choice D is correct.** (3.NR.2.3) One whole can be written as  $\frac{1}{1}$ , where numerator = denominator.
- 9) **Choice A is correct.** (3.PAFR.2.3) Ones:  $6 + 4 = 10$  (write 0, carry 1). Tens:  $1 + 8 + 1 = 10$  (write 0, carry 1). Hundreds:  $2 + 3 + 1 = 6$ . Answer: 600.
- 10) **Choice C is correct.** (3.MGSR.1.1) Area =  $9 \times 7 = 63$  square feet.
- 11) **Choice B is correct.** (3.MGSR.2.4) Add known days:  $2 + 3 + 2 + 1 = 8$ . Subtract from total:  $10 - 8 = 2$  days with 2 inches.
- 12) **Choice B is correct.** (3.NR.2.6)  $\frac{4}{8}$  and  $\frac{1}{2}$  both equal half of a whole.
- 13) **Choices A and C are correct.** (3.PAFR.1.3)  $4 \times 5 = 20$  is right.  $6 \times 6 = 36$  not 35.  $9 \times 7 = 63$  is right.  $5 \times 7 = 35$  not 36.  $3 \times 9 = 27$  not 28.
- 14) **Choice B is correct.** (3.MGSR.1.3) Top:  $4 \times 2 = 8$  sq m. Bottom left:  $2 \times 3 = 6$  sq m. Bottom right:  $2 \times 3 = 6$  sq m. Total:  $8 + 6 + 6 = 20$  sq m.
- 15) **The correct answer is 4 equal sides.** (3.MGSR.3.1) A rhombus is defined by having 4 equal sides. When that rhombus also has 4 right angles (like a rectangle), it meets the definition of a square. A square is the shape that has properties of BOTH a rhombus and a rectangle.
- 16) **Choice A is correct.** (3.PAFR.2.1) Area = length  $\times$  width =  $9 \times 7 = 63$  square feet.
- 17) **Choice A is correct.** (3.NR.1.4) Numbers from 450 to 549 round to 500 when rounded to the nearest 100. So yes, any number that rounds to 500 must be at least 450.
- 18) **Choice C is correct.** (3.MGSR.1.1)  $6 \times 6 = 36$  unit square stones.
- 19) **Choice C is correct.** (3.DPSR.1.2)  $8 \times 10 = 80$  items.
- 20) **Choice A is correct.** (3.NR.2.6) Same numerator: eighths are smaller pieces than sixths. Five eighths is less than five sixths.
- 21) **Choice C is correct.** (3.PAFR.2.2) The grid has 7 columns and 4 rows. Area =  $7 \times 4 = 28$  square cm. You can also add:  $7 + 7 + 7 + 7 = 28$  (four rows of seven).
- 22) **Choice A is correct.** (3.NR.2.1) When you count three unit fractions of  $\frac{1}{6}$ , you add:  $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{3}{6}$ .
- 23) **Choice B is correct.** (3.NR.2.5) Multiply numerator and denominator by 2:  $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$ .
- 24) **Choice D is correct.** (3.PAFR.2.2) Step 1: Pencils:  $3 \times 7 = 21$  items. Step 2: Pens:  $4 \times 2 = 8$  items. Total:  $21 + 8 = 29$  items.
- 25) **Choice D is correct.** (3.NR.1.1)  $\frac{1}{4}$  is the 1st tick;  $\frac{3}{4}$  is the 3rd tick. The distance is  $3 - 1 = 2$  ticks apart.
- 26) **The correct answer is 9.** (3.PAFR.2.1) Divide:  $27 \div 3 = 9$ . Check:  $9 \times 3 = 27$ .
- 27) **Choice D is correct.** (3.MGSR.1.1) Floor area =  $7 \text{ m} \times 6 \text{ m} = 42$  square meters = 42 unit-square tiles of 1 m each.
- 28) **Choice D is correct.** (3.PAFR.2.3)  $4 \times 10 = 40$ . This is skip counting by 10 four times: 10, 20, 30, 40.
- 29) **Choice D is correct.** (3.PAFR.2.1) If  $2 \times 8 = 16$ , then  $16 \div 2 = 8$  and  $16 \div 8 = 2$ . The division answers are the factors.
- 30) **Choice A is correct.** (3.PAFR.2.4) The distributive property multiplies 4 by each part separately, then adds:  $4 \times (6 + 1) = (4 \times 6) + (4 \times 1)$ .



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A Quiet Word From Your Mentor

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Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 8 practice tests is a real promise that you kept to yourself. That matters. ◇

★ **Mentors notice:** growth is quiet. It doesn't shout. But it shows up in how you handle a problem today vs how you did weeks ago. That growth is your real prize. ★

**What I See in You**

- **Hard Work:** You don't quit when problems are tough.
- **Curiosity:** You wonder why and how.
- **Kindness:** You are patient with yourself.
- **Brave Heart:** You try things that scare you.

**Mentor's note:** on test day, treat yourself like you would a friend. Be kind. Be patient. Be encouraging. The skills are inside you!

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 Mentor

# PRACTICE TODAY. MASTER TOMORROW.

This book is designed to help **Grade 3** students strengthen their math skills through focused practice and real progress.

- ✓ 8 full-length practice tests
- ✓ Aligned to Grade 3 standards
- ✓ Build confidence and achieve success



## EACH PRACTICE TEST INCLUDES:



Standards-  
Aligned  
Questions



Variety of  
Question  
Types



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Math  
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