

# 3

# South Carolina

# SC READY

## GRADE 4

# MATH

## PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**5 FULL-LENGTH**  
PRACTICE TESTS



**STANDARDS-ALIGNED**  
REVIEW



**MIXED PRACTICE**  
QUESTIONS



**ANSWER KEY**  
INCLUDED

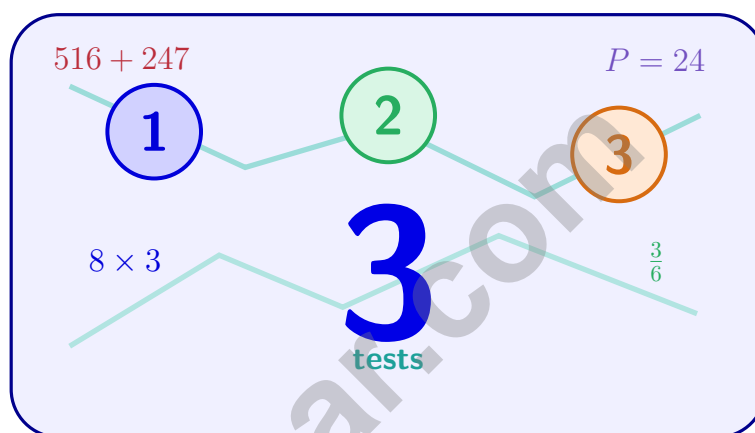
$$a^2 + b^2 = c^2$$

$$\frac{3}{4}$$



# 3 South Carolina SC READY Grade 4 Math Practice Tests

*Standards-Aligned Practice for Stronger Math Skills and Test Readiness*



Three 30-question trail tests packed with Grade 4 review, South Carolina SC READY strategy tips, answer keys, and step-by-step explanations that turn every miss into the next move.

**Jay Daie and Reza Nazari**



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# Welcome, South Carolina Math Explorer!

Three steady rounds on the Palmetto State math route

This book gives you three full Grade 3 practice tests for SC READY. Each round uses palmetto shade, coastal breezes, and confident fact work to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

## South Carolina 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 South Carolina SC READY 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 Palmetto 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?

Three tests, 90 questions, and a full SC READY review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 1–3	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 1–3	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.



Scan me!  
For more practice  
& answers

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1) What is 64,950 rounded to the nearest thousand?

A. 64,900

C. 65,000

B. 64,000

D. 60,000

2) A container of juice has  $\frac{9}{10}$  liter. After serving some drinks,  $\frac{4}{10}$  liter is left. How much juice was served?

A.  $\frac{5}{10}$

C.  $\frac{4}{10}$

B.  $\frac{13}{10}$

D.  $\frac{1}{10}$

3) What rule describes this pattern? 12, 18, 24, 30, 36, ...

A. Add 12

C. Multiply by 2

B. Add 8

D. Add 6 (multiples of 6)

4) The perimeter of a rectangle is 38 centimeters. The length is 11 centimeters. What is the width?

5) Write  $\frac{6}{10}$  as a decimal.

A. 0.06

C. 6.0

B. 0.6

D. 60.0



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

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

7) A table shows multiples of  $\frac{1}{3}$ . What is the missing number?

Multiplier	1	2	3	4	5
Multiple of $\frac{1}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	?	$\frac{4}{3}$	$\frac{5}{3}$

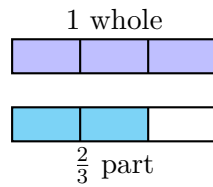
- A.  $\frac{1}{3}$                                        C.  $\frac{3}{3}$   
 B.  $\frac{3}{6}$                                        D.  $\frac{2}{6}$
- 8) A water bottle holds  $\frac{3}{4}$  liter. If you fill 5 bottles, how many liters of water do you have in total?

- 9) A company has 495,672 employees across all offices. How should this be written in word form?
- A. Four hundred ninety thousand, five hundred seventy-two       C. Four hundred thousand, ninety-five thousand, six hundred seventy-two  
 B. Forty-nine thousand, five hundred thousand, six hundred seventy-two       D. Four hundred ninety-five thousand, six hundred seventy-two



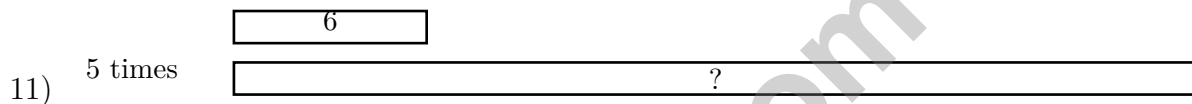
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10) Look at the two fraction bars:



This represents which mixed number?

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

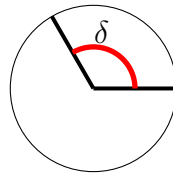


A baker made 6 chocolate cookies. She made 5 times as many vanilla cookies. How many vanilla cookies did she make?

- A. 11
  C. 30  
 B. 25
  D. 36

12) A rope is 12 feet long. How many yards is this?

- A. 2
  C. 4  
 B. 3
  D. 6



13)

What is the measure of angle  $\delta$  in the diagram?

- A.  $90^\circ$ 
 C.  $150^\circ$   
 B.  $120^\circ$ 
 D.  $180^\circ$

- 1) Diego reads 16 pages of a book each day. If he reads for 5 days, how many pages does he read?
- A. 21                                       C. 70  
 B. 110                                       D. 80
- 2) In the number 6,217, which digit is in the tens place?
- A. 6     C. 1  
 B. 2     D. 7
- 3) A rhombus is different from a square because a rhombus:
- A. Does not have four equal sides       C. Has more than four sides  
 B. May not have four right angles       D. Has no parallel sides
- 4) Mia bought 2,310 beads to share equally among herself and 4 friends (5 people total). How many beads does each person get?
- A. 462     C. 450  
 B. 448     D. 458
- 5) Which number is the smallest?
- A. 0.88     C. 0.80  
 B. 0.08     D. 0.82



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6) Which expression is NOT equal to 2?

A.  $4 \times \frac{1}{2}$

B.  $6 \times \frac{1}{3}$

C.  $3 \times \frac{2}{3}$

D.  $5 \times \frac{1}{2}$

7) What is  $\frac{9}{12} - \frac{4}{12}$ ?

A.  $\frac{5}{12}$

B.  $\frac{13}{12}$

C.  $\frac{5}{24}$

D.  $\frac{4}{12}$

8) What is 78,234 rounded to the nearest hundred?

A. 78,000

B. 78,300

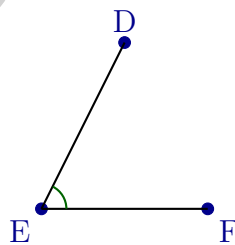
C. 78,230

D. 78,200

9) The corner of a book page is a right angle. An angle that is slightly smaller than the corner of a book is most likely:

 A. acute B. right C. obtuse D. straight

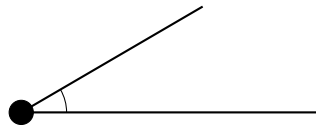
10) Look at the diagram with points  $D$ ,  $E$ , and  $F$ :



Using three letters, which is another correct name for this angle?

 A. Angle  $FED$  B. Angle  $DFE$  C. Angle  $EFD$  D. Angle  $E$ 

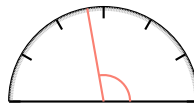
1)



Which statement is true about this angle?

- A. It is larger than a right angle       C. It is equal to a right angle  
 B. It is smaller than a right angle       D. It is a straight angle

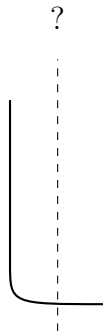
2)



Ming measures an angle and the measurement is just past 90 degrees. Which classification is correct?

- A. Obtuse angle       C. Acute angle  
 B. Right angle       D. Straight angle

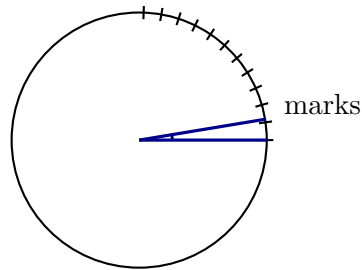
3) Look at the letter *U* below. Where is its line of symmetry?



- A. Horizontally across the middle       C. Diagonally from corner to corner  
 B. Vertically down the middle       D. It has no line of symmetry



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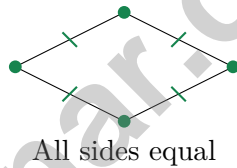


4)

Diego's angle is small and sits just past the  $8^\circ$  tick mark. About how many one-degree angles is it?

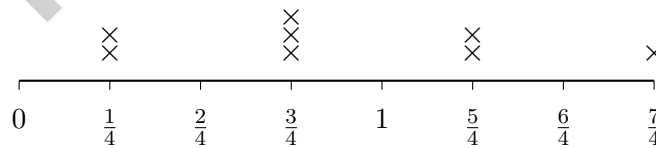
- A. 8 one-degree angles                       C. 10 one-degree angles  
 B. 9 one-degree angles                       D. 16 one-degree angles

5) Look at the shape shown. It is a quadrilateral with four equal sides but no right angles. What is it?



- A. Rectangle                                       C. Rhombus  
 B. Square     D. Trapezoid

6) Here is a line plot with fourths:



How many X marks are at measurements that are exactly  $\frac{3}{4}$  inch or greater?

- A. 3     C. 5  
 B. 4     D. 6

## 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

- Choice C is correct.** (4.NR.1.2) We're rounding to the nearest thousand. Look at the hundreds digit: 9. Since  $9 \geq 5$ , we round UP! The thousands digit changes from 4 to 5, so the answer is **65,000**. ✓
- Choice A is correct.** (4.PAFR.1.1) The container started full and some juice was served. Find how much was served by subtracting what's left from what started:  $\frac{9}{10} - \frac{4}{10} = \frac{5}{10}$  liter of juice was served.
- Choice D is correct.** (4.PAFR.3.1) Check the differences:  $18 - 12 = 6$ ,  $24 - 18 = 6$ . Each increases by 6 (multiples of 6). ✓
- The correct answer is 8 cm.** (4.MGSR.1.1) Using  $P = 2\ell + 2w = 38$  with  $\ell = 11$ :  $2(11) + 2w = 38$ . Solve:  $22 + 2w = 38$ , so  $2w = 16$ , thus  $w = 8$  cm.
- Choice B is correct.** (4.NR.2.3) Tenths fill the first decimal place.  $\frac{6}{10} = 0.6$ , so the answer is **0.6**.
- Choice A is correct.** (4.PAFR.1.3) 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**.
- Choice C is correct.** (4.PAFR.1.3) The table shows multiples of  $\frac{1}{3}$ . The 3rd multiple is  $3 \times \frac{1}{3} = \frac{3}{3}$ .
- The correct answer is  $\frac{15}{4}$ .** (4.PAFR.1.3) Filling 5 water bottles, each holding  $\frac{3}{4}$  liter, gives us  $5 \times \frac{3}{4} = \frac{15}{4}$  liters total.
- Choice D is correct.** (4.PAFR.1.3) Breaking it: 495 thousands ("four hundred ninety-five thousand") and 672 ones ("six hundred seventy-two") ✓
- Choice A is correct.** (4.PAFR.1.1) The top bar is a complete whole. The bottom bar shows  $\frac{2}{3}$ . Together: one whole plus  $\frac{2}{3}$  equals  $1\frac{2}{3}$ . ✓
- Choice C is correct.** (4.PAFR.3.3) The bar model shows the vanilla bar is 5 equal pieces, each the size of the 6 chocolate cookies. Multiply:  $5 \times 6 = 30$  vanilla cookies.
- Choice C is correct.** (4.MGSR.2.5) Since 1 yard = 3 feet, divide:  $12 \div 3 = 4$  yards. The answer is **4 yards**.
- Choice B is correct.** (4.MGSR.3.1) The diagram shows an angle spanning from the right to an upper-left ray. The measure is  **$120^\circ$** .
- Choice D is correct.** (4.PAFR.1.1) To get to 1: A needs  $\frac{2}{6}$  more, B needs  $\frac{3}{8}$  more, C needs  $\frac{4}{10}$  more, D needs only  $\frac{1}{4}$  more. The tiniest gap is  $\frac{1}{4}$ , so  **$\frac{3}{4}$  wins**.
- Choice B is correct.** (4.NR.2.3) Of course! Any number equals itself.  $0.5 = 0.5$ . They're the same value.
- The correct answer is A, D.** (4.NR.2.3) 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 ( $\frac{1}{10} \neq 1$ ).
- Choice D is correct.** (4.PAFR.3.4) Watch out for extra information! The total of 32 students is not needed for this question—we only need the number of teams. There are 4 teams, and each team earns 5 points, so  $4 \times 5 = \mathbf{20}$  bonus points in all. *Tip:* on tests, always ask "does this number help me?" before using it.
- Choice B is correct.** (4.PAFR.1.1) The paper strip is divided into 3 equal parts, and all 3 are colored. So the whole strip is colored:  $\frac{3}{3}$ . As unit fractions:  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$ .
- Choice A is correct.** (4.PAFR.1.3) Split 22:  $19 \times (20 + 2) = 380 + 38 = \mathbf{418}$ .
- Choice C is correct.** (4.PAFR.3.1) Even numbers (divisible by 2) end in 0, 2, 4, 6, or 8. 49 ends in 9—odd—so it's *not* divisible by 2. The others (24, 36, 50) all end in even digits.
- Choice C is correct.** (4.PAFR.3.4) Add the three spinner sections together:  $50^\circ + 60^\circ + 70^\circ = \mathbf{180^\circ}$ .
- The correct answer is 5,433.** (4.NR.1.2) Subtracting from 10,000 chains a regrouping all the way across. Borrow from the ten-thousands ( $1 \rightarrow 0$ ); the three middle zeros become 9s and the ones becomes 10. Now:  $10 - 7 = 3$ ,  $9 - 6 = 3$ ,  $9 - 5 = 4$ ,  $9 - 4 = 5$ ,  $0 - 0 = 0$ . Result: **5,433**. ✓
- Choice D is correct.** (4.NR.2.5) The numerator changes from 3 to 6—that's multiply by 2. To keep fractions equivalent, multiply the denominator by 2 also:  $4 \times 2 = 8$ .
- Choice D is correct.** (4.PAFR.1.2) Divide:  $83 \div 8 = 10$  r3, bring down the 2 to get  $32 \div 8 = 4$ . Each of Sam's albums holds **104** trading cards.



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A Note From Your Math Friend

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## Hi, Math Star!

◇ Wow! You finished 3 full practice tests. That is a LOT of math problems. You worked hard, and your brain got stronger every time. ◇

★ **Here is a big idea:** mistakes are okay! Every time you got something wrong, you got smarter. Through 3 tests, you learned that trying is the most important thing. ★

### Look What You Did!

- **Hard Worker:** You did not give up!
- **Smart Thinker:** You used your math tools.
- **Brave Learner:** You tried hard problems.
- **Test Ready:** You feel proud and prepared.

**Big tip for test day:** take your time. Read each problem twice. Show your work. Check your answer. You can do this!

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 Friend

# PRACTICE TODAY. SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master key concepts, and gain the confidence they need to excel on any test.

With 3 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

Perfect 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.



### 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 & Decimals
- ✓ Measurement & Data
- ✓ Geometry & Shapes
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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