

# 8

# South Carolina

# SC READY

# GRADE 4

# PRACTICE TESTS



1

$2 \times 3 = 6$

3

5

$2 \times 3 = 6$

2

4



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

**COMPREHENSIVE  
TEST PREP**

Includes Solutions

# 8 South Carolina SC READY Grade 4 Math Practice Tests

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



Eight complete 30-question Grade 4 practice rounds for SC READY, built around palmetto shade, coastal breezes, and confident fact work, with answer keys and clear explanations for every item.

**Jay Daie and Reza Nazari**



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# Welcome, South Carolina Math Explorer!

Eight steady rounds on the Palmetto State math route

This book gives you eight full Grade 4 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?

Eight tests, 240 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 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 6–8	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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6) The trail to the tallest building in the city is 4 kilometers long. How many meters is this?

A. 400

B. 4,000

C. 40,000

D. 400,000

7) Which number sentence is incorrect?

A.  $1 \times \frac{1}{8} = \frac{1}{8}$

B.  $4 \times \frac{1}{6} = \frac{4}{6}$

C.  $5 \times \frac{1}{5} = \frac{5}{10}$

D.  $2 \times \frac{1}{3} = \frac{2}{3}$

8) Ava has read  $\frac{7}{10}$  of her book. She read  $\frac{3}{10}$  on Monday and the rest on Tuesday. How much did she read on Tuesday?

A.  $\frac{2}{10}$

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

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

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

9) What is 14,285 rounded to the nearest ten?

A. 14,280

B. 14,200

C. 14,300

D. 14,290

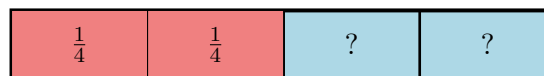
10) How many numbers from 20 to 30 are divisible by 2?

A. 4

B. 5

C. 6

D. 7



11)

One whole (4 fourths)

The bar shows  $\frac{2}{4}$  is shaded. If you have 3 such bars, how much is shaded in total?

A.  $\frac{6}{4}$  (or  $1\frac{1}{2}$ )

B.  $\frac{2}{12}$

C.  $\frac{3}{4}$

D.  $\frac{5}{4}$



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12) Maria draws an angle that is slightly more than  $90^\circ$ . What type of angle did she draw?

- A. An acute angle  
 B. A right angle  
 C. An obtuse angle  
 D. A straight angle

13) What is  $1\frac{5}{8} + 3\frac{3}{8}$ ?

- A.  $4\frac{7}{8}$   
 B. 5  
 C.  $4\frac{9}{8}$   
 D.  $5\frac{1}{8}$

14) A toy costs \$15. If Maya buys 5 toys, how much money does she spend in total?

15) Select the TWO fractions that are equal to  $\frac{1}{2}$ .

- A.  $\frac{2}{4}$   
 B.  $\frac{3}{5}$   
 C.  $\frac{4}{8}$   
 D.  $\frac{2}{6}$   
 E.  $\frac{2}{5}$



- 1) A string is  $\frac{2}{8}$  meter long. If you use 2 strings of this same length, how long is the total string?
- A.  $\frac{4}{8}$  meter (or  $\frac{1}{2}$  meter)       C.  $\frac{1}{4}$  meter  
 B.  $\frac{2}{16}$  meter       D. 1 meter
- 2) What is  $\frac{11}{12} - \frac{6}{12}$ ?
- A.  $\frac{5}{24}$        C.  $\frac{5}{12}$   
 B.  $\frac{17}{12}$        D.  $\frac{6}{12}$
- 3) Which fraction is equivalent to  $\frac{10}{12}$  and in simplest form?
- A.  $\frac{5}{6}$        C.  $\frac{10}{6}$   
 B.  $\frac{5}{12}$        D.  $\frac{20}{24}$
- 4) Liam collected 40 pennies. Liam collected 5 times as many pennies as his friend. How many pennies did his friend collect?
- A. 45       C. 35  
 B. 20       D. 8
- 5) Which number is a multiple of 7?
- A. 45       C. 52  
 B. 60       D. 49



6) Look at this number: 56,789. What is the value of the hundreds digit?

A. 7

C. 700

B. 70

D. 7,000

7) What is  $5 \times \frac{1}{4}$ ?

A.  $\frac{1}{20}$

C.  $\frac{5}{4}$

B.  $\frac{4}{5}$

D.  $\frac{5}{8}$

8) An isosceles triangle (not equilateral) has how many lines of symmetry?

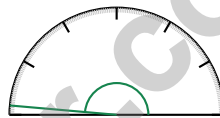
A. 0

C. 2

B. 1

D. 3

9)



What is the measure of this angle very close to a straight line?

A. 180 degrees

C. 5 degrees

B. 175 degrees

D. 170 degrees

10) What fraction is missing in this equation?  $\frac{?}{100} + \frac{25}{100} = \frac{7}{10}$

A.  $\frac{45}{100}$

C.  $\frac{42}{100}$

B.  $\frac{52}{100}$

D.  $\frac{50}{100}$



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1) Mia arranged 24 stickers into arrays. Which array does NOT show a factor pair of 24?

A.  $4 \times 6$



B.  $5 \times 5$



C.  $3 \times 8$



D.  $2 \times 12$



A.  $4 \times 6$

C.  $3 \times 8$

B.  $5 \times 5$

D.  $2 \times 12$

2) A rectangular garden is divided into 6 equal plots, and the farmer uses 4 of them. Which expression shows  $\frac{4}{6}$  written as a sum of **unit fractions**?

A.  $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

C.  $\frac{3}{6} + \frac{1}{6}$

B.  $\frac{2}{6} + \frac{2}{6}$

D.  $\frac{4}{6} + 0$

3) A toy train travels 200 meters in 4 seconds. At this rate, how far will it travel in 8 seconds?

A. 200 m

C. 400 m

B. 300 m

D. 600 m

4) Ivy has  $4\frac{4}{5}$  meters of string. After using some, she has  $1\frac{2}{5}$  meters left. How much string did she use?

A.  $2\frac{2}{5}$  meters

C.  $3\frac{3}{5}$  meters

B.  $3\frac{2}{5}$  meters

D.  $3\frac{4}{5}$  meters

5) What decimal represents  $\frac{8}{10}$ ?

A. 0.08

B. 0.88

C. 8.0

D. 0.8

6) Add:  $\frac{4}{10} + \frac{15}{100}$ .

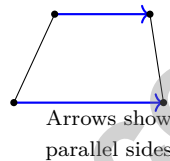
A.  $\frac{19}{100}$

B.  $\frac{4}{15}$

C.  $\frac{55}{100}$

D.  $\frac{59}{100}$

7) Look at the figure with arrows showing parallel sides. How many pairs of parallel sides does it have?



A. Zero pairs

B. One pair

C. Two pairs

D. Three pairs

8) Look at the pattern: 30, 25, 20, 15, 10, ... What is the rule?

A. Add 5

B. Divide by 2

C. Subtract 10

D. Subtract 5

9) An angle measuring  $112^\circ$  is separated into two parts. If one part is  $63^\circ$ , what is the measure of the other part?

A.  $49^\circ$

B.  $175^\circ$

C.  $63^\circ$

D.  $56^\circ$



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## 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.PAFR.3.4) The tape diagram shows 7 guitars at \$6 each—"each" with a count is a multiplication clue. Step 1: set up:  $7 \times \$6$ . Step 2: solve:  $7 \times 6 = 42$ , so the store spends \$42. *Quick check:*  $\$42 \div 7 = \$6$  per guitar. ✓
- Choice B is correct.** (4.PAFR.1.1) We have 9 unit fractions of  $\frac{1}{12}$ . Counting them: 9 pieces, each  $\frac{1}{12}$ , so the sum is  $\frac{9}{12}$ .
- Choice D is correct.** (4.NR.1.2) To find the increase, we subtract the old from the new.  $56,789 - 34,567 = 22,222$  people.
- Choice B is correct.** (4.MGSR.3.1) An angle that turns through 85 one-degree angles has a measure of  $85^\circ$ .
- Choice A is correct.** (4.PAFR.1.3) Noah walks  $\frac{2}{8}$  mile per day for 4 days. Multiply:  $4 \times \frac{2}{8} = \frac{4 \times 2}{8} = \frac{8}{8} = 1$  mile. The answer is 1 mile.
- Choice B is correct.** (4.MGSR.2.5) 1 kilometer = 1,000 meters. So  $4 \text{ km} = 4 \times 1,000 = 4,000 \text{ m}$ .
- Choice C is correct.** (4.PAFR.1.3) Let's check: A:  $1 \times \frac{1}{8} = \frac{1}{8}$  ✓. B:  $4 \times \frac{1}{6} = \frac{4}{6}$  ✓. C:  $5 \times \frac{1}{5} = \frac{5}{5} = 1$ , not  $\frac{5}{10}$ —incorrect! D:  $2 \times \frac{1}{3} = \frac{2}{3}$  ✓.
- Choice B is correct.** (4.PAFR.1.1) Ava read  $\frac{7}{10}$  total. Monday was  $\frac{3}{10}$ , so Tuesday must be:  $\frac{7}{10} - \frac{3}{10} = \frac{4}{10}$  ✓.
- Choice D is correct.** (4.NR.1.2) We're rounding to the nearest ten. Look at the ones digit: 5. Since  $5 \geq 5$ , we round UP! The tens digit changes from 8 to 9, giving us **14,290**. ✓
- Choice C is correct.** (4.PAFR.3.1) List the even numbers from 20 through 30: 20, 22, 24, 26, 28, 30. Count them: 6 numbers. (Even numbers are exactly the ones divisible by 2.)
- Choice A is correct.** (4.PAFR.1.3) With 3 bars and each showing  $\frac{2}{4}$  shaded, we have  $3 \times \frac{2}{4} = \frac{6}{4} = 1\frac{1}{2}$  shaded in total.
- Choice C is correct.** (4.MGSR.3.1) When Maria draws an angle just a bit wider than a right angle, she has created an obtuse angle. Any angle between  $90^\circ$  and  $180^\circ$  is obtuse.
- Choice B is correct.** (4.PAFR.1.1) Add the wholes:  $1 + 3 = 4$ . Add the fractions:  $\frac{5}{8} + \frac{3}{8} = \frac{8}{8} = 1$ . Combine:  $4 + 1 = 5$ .
- The correct answer is 75.** (4.MGSR.2.5) Each toy costs \$15. Maya buys 5 toys. Multiply:  $15 \times 5 = 75$  dollars. She spends **75** dollars.
- The correct answer is A, C.** (4.NR.2.5) Check equivalence:  $\frac{2}{4}$  divides to  $\frac{1}{2}$  ( $\div 2$ ), and  $\frac{4}{8}$  divides to  $\frac{1}{2}$  ( $\div 4$ ). The distractors:  $\frac{3}{5} > \frac{1}{2}$ ,  $\frac{2}{6} < \frac{1}{2}$ ,  $\frac{2}{5} < \frac{1}{2}$ .
- Choice C is correct.** (4.MGSR.1.1) Count the grid squares: 4 columns  $\times$  3 rows = 12 square units.
- Choice B is correct.** (4.PAFR.2.4) An isosceles triangle has two equal sides meeting at the top (vertex angle). A fold line from that top point straight down to the middle of the base creates matching left and right halves. The answer is An isosceles triangle with the line through the vertex angle.
- Choice B is correct.** (4.PAFR.3.1) The key to reading a protractor is to use the scale that starts at  $0^\circ$  on the same side where your angle opens. When an angle opens toward the right, that side shows  $0^\circ$ —read the outer scale. This matches where the angle is heading. The answer is use the outer scale.
- Choice B is correct.** (4.MGSR.3.1) Triangle 2 shows a right angle marker in the form of a small square at one corner, which indicates a right triangle. Triangle 1 has no right angle marker. The answer is **B**.
- The correct answer is 9.** (4.NR.2.5) The denominator changes from 5 to 15. What times 5 makes 15?  $5 \times 3 = 15$ . So multiply the numerator by 3:  $3 \times 3 = 9$ .
- Choice D is correct.** (4.PAFR.1.3) Break apart:  $8 \times (40 + 5) = 320 + 40 = 360$  figures.
- Choice A is correct.** (4.PAFR.1.2) Divide:  $2 \div 7 = 0 \text{ r}2$ , bring down the 8 to get  $28 \div 7 = 4$ , bring down the 4 to get  $4 \div 7 = 0 \text{ r}4$ , bring down the 9 to get  $49 \div 7 = 7$ . The answer is **407**.
- Choice A is correct.** (4.PAFR.3.4) The diagram shows a ray splitting the angle. Subtract to find the larger part:  $136^\circ - 52^\circ = 84^\circ$ .
- Choice D is correct.** (4.PAFR.3.3) "4 times as many" is a multiplication signal. The friend collects 4 groups of Greyson's 8 cards:  $8 \times 4 = 32$  cards.
- Choice B is correct.** (4.PAFR.1.1) They both ate pieces from the same pizza! Add them with like denominators:  $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$  of the pizza altogether.



## Hi, Hero!

◇ Once there was a Grade 4 student who took 8 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

# 8 PRACTICE TESTS. PREPARE. PRACTICE. SUCCEED!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master essential concepts, and boost confidence for success in the classroom and beyond.

Featuring 8 full-length practice tests, a variety of question types, and detailed answer explanations, this book provides the practice and support students need to improve accuracy, strengthen problem-solving abilities, 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 IN MATH.  
SUCCESS FOR LIFE.**

## 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.



### Track Progress

Measure growth across multiple practice tests.



### Academic Success

Strengthen skills needed for future learning.

## TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
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- ✓ Graphs & Data Interpretation
- ✓ Mathematical Reasoning
- ✓ And More!



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Prepares Students for Future Success