

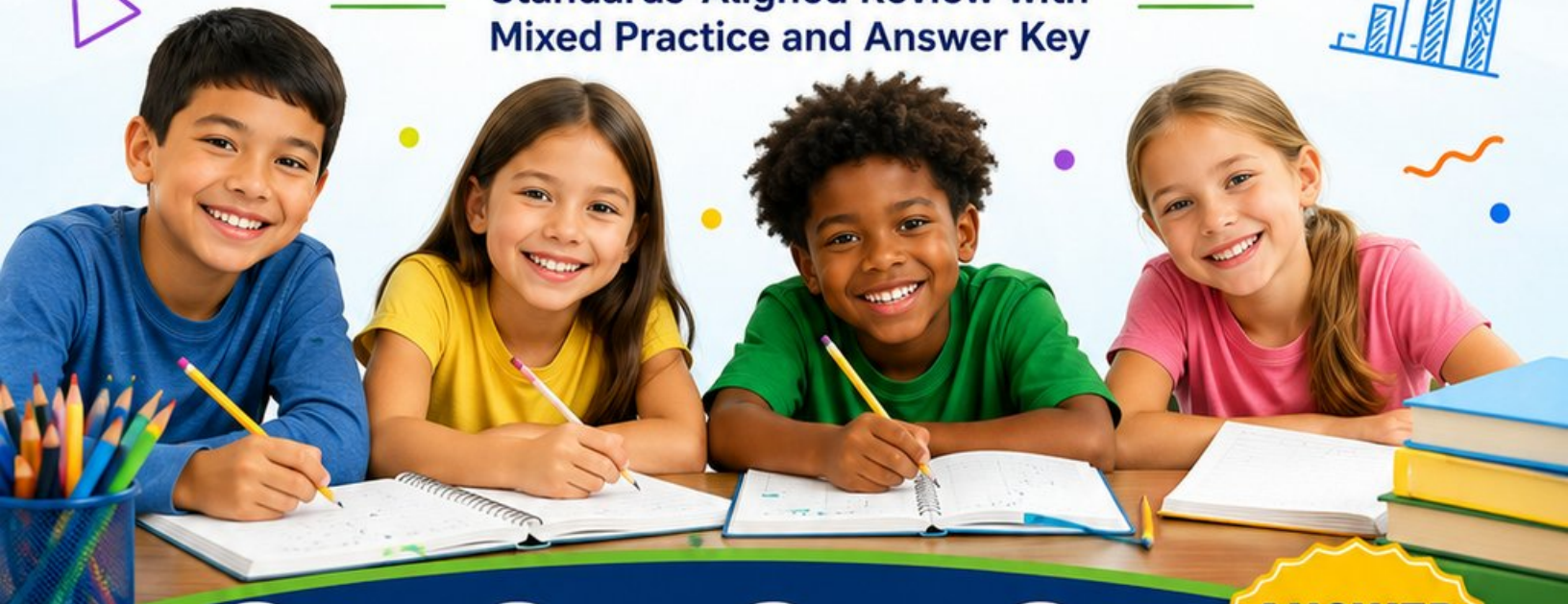
7

South Carolina

SC READY

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



7 Full-Length
Practice Tests



Standards-
Aligned



Build Confidence
and Skills



Mixed Question
Types

**ANSWER
KEY**

INCLUDED

$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$

7 South Carolina SC READY Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Seven 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!

Seven steady rounds on the Palmetto State math route

This book gives you seven 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?

Seven tests, 210 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 5–7	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.

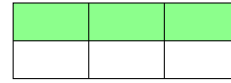
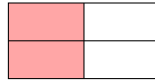
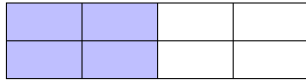


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1) Look at the grids below. Which two fractions are equal?



Grid 1: $\frac{4}{8}$

Grid 2: $\frac{2}{4}$

Grid 3: $\frac{3}{6}$

- A. Grid 1 and Grid 2 C. Grid 1 and Grid 3
 B. Grid 2 and Grid 3 D. All three are equal

2) Use the place-value chart to find the correct expansion of 214,537:

Hundred-Thousands	Ten-Thousands	Thousands	Hundreds	Tens	Ones
2	1	4	5	3	7

- A. $200,000 + 10,000 + 4,000 + 50 + 30 + 7$ C. $200,000 + 140,000 + 537$
 B. $2,000 + 1,000 + 4,000 + 500 + 30 + 7$ D. $200,000 + 10,000 + 4,000 + 500 + 30 + 7$

3) Jordan read 15 pages in his book. Sophia read 3 times as many pages as Jordan. How many pages did Sophia read?

- A. 18 C. 60
 B. 30 D. 45

4) What is $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$?

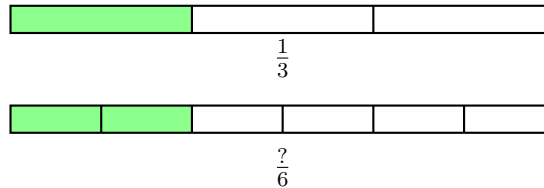
A. $\frac{1}{80}$

C. $\frac{8}{10}$

B. $\frac{8}{80}$

D. $\frac{10}{8}$

5) Look at the two fraction bars. Both bars are the same length.



What number should replace the question mark?

A. 1

C. 3

B. 4

D. 2

6) Which decimal equals $\frac{8}{10}$?

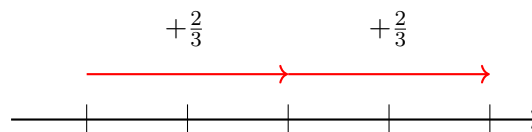
A. 0.8

C. 0.88

B. 0.08

D. 0.088

7) A number line shows hops from 0 to $\frac{2}{3}$, then another hop to $\frac{4}{3}$. What operation does this show?



A. $\frac{2}{3} + \frac{2}{3}$

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

B. $\frac{1}{3} + \frac{1}{3}$

D. $\frac{4}{3} - \frac{1}{3}$



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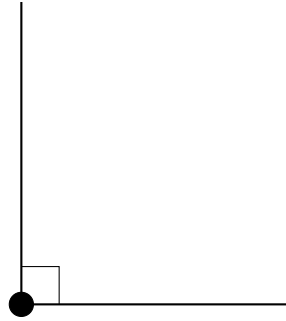
- 8) A farmer has 23,456 kg of grain. He uses 5,678 kg. How much grain is left?
- A. 17,778 kg C. 18,778 kg
 B. 17,878 kg D. 17,678 kg
- 9) $\frac{5}{8}$ can be written as $\frac{2}{8} + \frac{2}{8} + \frac{1}{8}$. Which other decomposition is correct?
- A. $\frac{1}{8} + \frac{1}{8} + \frac{3}{8}$ C. $\frac{1}{8} + \frac{2}{8} + \frac{1}{8}$
 B. $\frac{2}{8} + \frac{3}{8} + \frac{1}{8}$ D. $\frac{3}{8} + \frac{3}{8} + \frac{1}{8}$
- 10) A bookstore receives 7 shipments of books. Each shipment has 256 books. How many books are received?
- A. 1792 C. 1589
 B. 1648 D. 1856
- 11) Which decimal is equal to $\frac{35}{100}$?
- A. 0.035 C. 3.5
 B. 0.35 D. 35.0
- 12) A child spins a bottle. It rotates $\frac{1}{9}$ of a full turn. How many degrees is this?
- A. 30° C. 40°
 B. 35° D. 45°
- 13) A juice bottle holds 3 liters. If Maya drinks 750 milliliters, how many milliliters are left?
- A. 750 mL C. 2,250 mL
 B. 1,500 mL D. 3,000 mL



- 1) A factory starts with 200 toy cars. They sell 50 cars. Then they pack the remaining cars into boxes of 6. How many complete boxes can they fill?
- A. 24 C. 26
 B. 33 D. 25
- 2) During lunch, Maya ate $\frac{3}{8}$ of a sandwich and her friend ate $\frac{1}{4}$ of the same sandwich. Who ate more?
- A. Maya ate more C. They ate the same
 B. Her friend ate more D. Cannot determine
- 3) A scale diagram shows weights. A bag of sugar weighs 3 kg, and a bag of salt weighs 2 kg. If you stack 5 bags of sugar and 3 bags of salt on a scale, what is the total weight?
- A. 9 kg C. 21 kg
 B. 15 kg D. 30 kg
- 4) A line plot shows plant heights in halves of an inch. The measurements are: $\frac{1}{2}$ in, 1 in, $\frac{1}{2}$ in, $\frac{3}{2}$ in, 1 in, 1 in. How many X marks should be placed at 1 inch on the line plot?



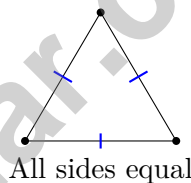
5)



This is a right angle. How many degrees does it measure?

- A. 45 degrees C. 180 degrees
 B. 90 degrees D. 270 degrees

6) Look at this triangle with all three sides marked as equal with tick marks. What type of triangle is it?



- A. Scalene triangle C. Equilateral triangle
 B. Isosceles triangle D. Right triangle

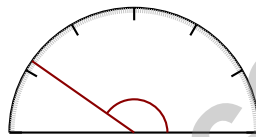
7) Lily saw a pie divided into 9 equal slices. She took 4 slices. Which correctly shows this fraction as a sum of unit fractions?

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



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- 1) If an angle measures 35° , how many one-degree angles does it turn through?
- A. 3.5 one-degree angles C. 70 one-degree angles
 B. 35 one-degree angles D. 350 one-degree angles
- 2) A juice stand makes 8 pitchers. Each pitcher has 9 cups. They sell 36 cups. How many cups are left?
- A. 28 C. 44
 B. 72 D. 36



3)

What is the measure of this obtuse angle?

- A. 145 degrees C. 155 degrees
 B. 135 degrees D. 125 degrees
- 4) Write 52,047 in expanded form.
- A. $50,000 + 2,000 + 400 + 7$ C. $50,000 + 20,000 + 40 + 7$
 B. $50,000 + 2,000 + 4 + 7$ D. $50,000 + 2,000 + 40 + 7$
- 5) A single marble weighs $\frac{2}{6}$ ounce. What is the weight of 3 marbles?
- A. $\frac{2}{18}$ ounce C. $\frac{3}{6}$ ounce (or $\frac{1}{2}$ ounce)
 B. $\frac{6}{6}$ ounce (or 1 ounce) D. $\frac{5}{6}$ ounce



6) Which turn is the largest?

- A. $\frac{1}{2}$ turn C. $\frac{2}{5}$ turn
 B. $\frac{1}{3}$ turn D. $\frac{1}{4}$ turn

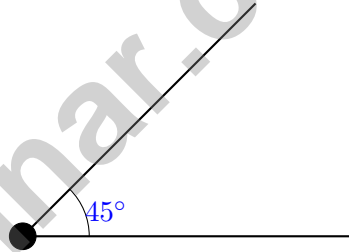
7) Which set of unit fractions adds up to $\frac{5}{6}$?

- A. Five $\frac{1}{6}$'s C. Five $\frac{1}{12}$'s
 B. Six $\frac{1}{5}$'s D. Two $\frac{1}{6}$'s

8) Elena shares a chocolate bar into 2 equal pieces. She eats both pieces. Which shows this as unit fractions?

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

9)



An angle measures 45 degrees. Is it acute, right, obtuse, or straight?

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

10) The zoo needs to divide 1,456 pounds of animal feed equally among 8 animals. How many pounds does each animal get?

- A. 172 C. 182
 B. 192 D. 188



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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 D is correct.** (4.NR.2.5) Grid 1 shows $\frac{4}{8}$ with half shaded, Grid 2 shows $\frac{2}{4}$ with half shaded, Grid 3 shows $\frac{3}{6}$ with half shaded. All equal!
- Choice D is correct.** (4.PAFR.1.3) From the chart: hundred-thousands: 2 → 200,000, ten-thousands: 1 → 10,000, thousands: 4 → 4,000, hundreds: 5 → 500, tens: 3 → 30, ones: 7 → 7 ✓
- Choice D is correct.** (4.PAFR.3.3) “3 times as many” means multiply: $3 \times 15 = 45$. *Tip:* $3 \times 10 = 30$ and $3 \times 5 = 15$, so $30 + 15 = 45$ pages.
- Choice C is correct.** (4.PAFR.1.1) Let’s count the unit fractions: $\frac{1}{10}$ appears 8 times. The denominator stays 10, and the numerator is the count: $\frac{8}{10}$.
- Choice D is correct.** (4.NR.2.5) Both bars show the same shaded length. The denominator goes from 3 to 6 (multiply by 2), so the numerator also goes from 1 to 2: $\frac{1}{3} = \frac{1 \times 2}{3 \times 2} = \frac{2}{6}$.
- Choice A is correct.** (4.NR.2.3) The fraction $\frac{8}{10}$ means 8 tenths, which is 0.8.
- Choice A is correct.** (4.PAFR.1.1) The number line starts at 0, hops right by $\frac{2}{3}$, then hops right by $\frac{2}{3}$ again, landing at $\frac{4}{3}$. That’s $\frac{2}{3} + \frac{2}{3} = \frac{4}{3}$.
- Choice A is correct.** (4.NR.1.2) The farmer uses some grain, so we subtract. $23,456 - 5,678 = 17,778$ kg left.
- Choice A is correct.** (4.PAFR.1.1) Let’s verify A: $1 + 1 + 3 = 5$, so $\frac{1}{8} + \frac{1}{8} + \frac{3}{8} = \frac{5}{8}$ ✓. This breaks $\frac{5}{8}$ into three parts!
- Choice A is correct.** (4.PAFR.1.3) Break 256 by value: $7 \times (200 + 50 + 6) = 1400 + 350 + 42 = 1792$ books.
- Choice B is correct.** (4.NR.2.3) Thirty-five hundredths uses both decimal places: $\frac{35}{100} = 0.35$, so the answer is **0.35**.
- Choice C is correct.** (4.MGSR.3.1) $\frac{1}{9} \times 360^\circ = 40^\circ$.
- Choice C is correct.** (4.MGSR.2.5) Convert 3 liters to milliliters: 3 L = 3,000 mL. Subtract what Maya drinks: $3,000 - 750 = 2,250$ mL. There are **2,250** mL left.
- Choice A is correct.** (4.NR.2.3) Three dimes = $\frac{3}{10}$ dollar, and thirty pennies = $\frac{30}{100}$ dollar. They’re equal!
- Choice A is correct.** (4.PAFR.3.1) The ray lines up exactly with the 80° mark. Since 80° is between the 75° and 85° range and less than 90° , it’s acute. The answer is **80** degrees.
- Choice C is correct.** (4.PAFR.3.3) Read $42 = 6 \times 7$ as “6 groups of 7.” That matches “42 is 6 times as many as 7” (choice C). The other choices describe addition, not multiplication.
- The correct answer is B, C.** (4.PAFR.1.3) First calculate: $3 \times \frac{2}{4} = \frac{3 \times 2}{4} = \frac{6}{4} = \frac{3}{2}$. B shows three bars with two-fourths shaded in each = $\frac{3}{2}$ ✓. C shows three bars with one-half shaded in each; since $\frac{2}{4} = \frac{1}{2}$, this also equals $\frac{3}{2}$ ✓. A has only one bar, D shows full bars, E shows six bars. The answers are **B** and **C**.
- Choice C is correct.** (4.MGSR.1.1) Paper area = $11 \times 9 = 99$ sq in.
- The correct answer is 90.** (4.MGSR.3.1) A right angle always measures 90° , which is **90** one-degree angles.
- Choice C is correct.** (4.PAFR.1.3) Each student gets $\frac{1}{10}$ of all the items. If we have 10 students, each getting $\frac{1}{10}$, that’s $10 \times \frac{1}{10} = 1$, which accounts for all items.
- Choice C is correct.** (4.MGSR.3.1) A right angle has a perfect square corner, like the corner of a piece of paper.
- Choice C is correct.** (4.PAFR.1.2) Step 1: Find each 3’s place—thousands, hundreds, and tens. Step 2: Calculate values: $3,000 + 300 + 30 = 3,330$. ✓
- Choice A is correct.** (4.PAFR.1.1) The circular garden section is shown with yellow paint. Subtract the painted part from the whole: $1 - \frac{1}{2} = \frac{1}{2}$ unpainted.
- Choice C is correct.** (4.MGSR.3.1) This angle opens wide — wider than a right angle but not as wide as a straight line. That makes it an obtuse angle, which is between 90° and 180° .
- Choice B is correct.** (4.PAFR.1.3) The number line shows 5 equal jumps, each of $\frac{1}{6}$, landing at $\frac{5}{6}$. This represents $5 \times \frac{1}{6} = \frac{5}{6}$.
- Choice D is correct.** (4.PAFR.3.1) Tiles grow by 2 each time: 2, 4, 6, 8, 10, 12, **14**. Figure 7 has **14** tiles.



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Hi, Brave Explorer!

◇ What a trip! You explored 7 full tests. You went to many math places: multiplication, fractions, area, time, and more. ◇

★ **Smart explorers know:** every trip teaches something. Through 7 tests, you learned a lot. You are a stronger math explorer now. ★

Your Explorer Tools

- **Map Reading:** You read problems carefully.
- **Trail Skills:** You take steps in the right order.
- **Backpack:** You have many math tools.
- **Brave Heart:** You explore even hard problems.

Explorer tip: on test day, use the tools you packed. You have the skills. You are ready!

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

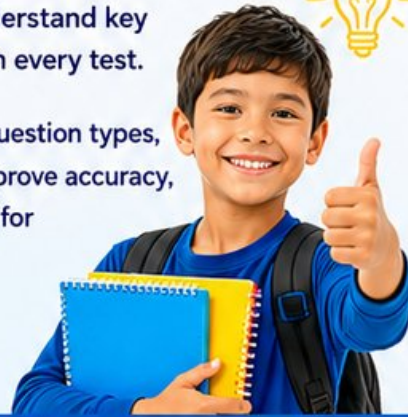
Jay Daie

Your Math Trail Guide

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Confidence Building
- ✓ 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.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals & Comparing Numbers
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ And More!



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7 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included