

6 South Carolina SC READY

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



MASTER KEY MATH CONCEPTS
BUILD CONFIDENCE FOR TEST DAY

INCLUDES COMPREHENSIVE ANSWER KEY
ALIGNED STATE STANDARDS

6 South Carolina SC READY Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Six 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.

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Welcome, South Carolina Math Explorer!

Six steady rounds on the Palmetto State math route

This book gives you six 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?

Six tests, 180 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 4–6	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.

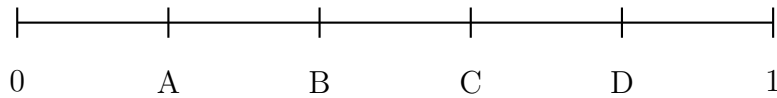


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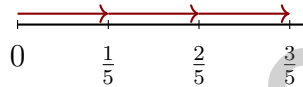
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1) Where does 0.2 belong on this number line?



- A. At position A C. At position C
 B. At position B D. At position D

2) Which number sentence matches the number line showing three equal hops from 0 to $\frac{3}{5}$?



- A. $3 \times \frac{1}{6} = \frac{3}{6}$ C. $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$
 B. $3 \times \frac{1}{5} = \frac{3}{5}$ D. $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

3) Count the multiples of 8 between 1 and 60 using the table:

8	16	24	32
40	48	56	next is 64

How many multiples of 8 are there up to 60?

- A. 6 C. 8
 B. 9 D. 7

4) How many square tiles fit in a grid that is 26 units long and 12 units wide?

A. 200

C. 262

B. 352

D. 312

5) Which number does NOT belong in this pattern? 12, 24, 36, 50, 60

A. 12

C. 50

B. 36

D. 60

6) Which two fractions are both equivalent to $\frac{1}{5}$?

A. $\frac{2}{10}$ and $\frac{20}{100}$

C. $\frac{2}{10}$ and $\frac{30}{100}$

B. $\frac{3}{10}$ and $\frac{30}{100}$

D. $\frac{1}{10}$ and $\frac{10}{100}$

7) Which decimal is equivalent to $\frac{45}{100}$?

A. 0.45

C. 4.5

B. 0.54

D. 45.0

8) How many jumps of $\frac{1}{6}$ are needed to reach $\frac{4}{6}$?

9) A pencil is $\frac{2}{5}$ decimeter long. What is the total length of 5 pencils?

A. $\frac{2}{25}$ decimeter

C. $\frac{7}{5}$ decimeters

B. $\frac{10}{5}$ decimeters (or 2 decimeters)

D. $\frac{10}{25}$ decimeter



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- 10) What is $1\frac{2}{6} + 2\frac{5}{6}$?
- A. $3\frac{5}{6}$ C. $3\frac{6}{6}$
 B. $4\frac{1}{6}$ D. 4
- 11) A gear rotates $\frac{7}{12}$ of a full turn, then rotates an additional $\frac{1}{12}$ turn. What is the total rotation in degrees?
- A. 180° C. 240°
 B. 210° D. 270°
- 12) Mia says the angle she drew contains 92 one-degree angles. What is the measure of her angle?
- A. 92° C. 184°
 B. 46° D. 9.2°
- 13) Round 52,834 to the nearest hundred.
- A. 53,000 C. 52,900
 B. 52,834 D. 52,800
- 14) Look at the line plot with eighths showing: $\frac{1}{8}$ (1 X mark), $\frac{2}{8}$ (2 X marks), $\frac{4}{8}$ (3 X marks), $\frac{5}{8}$ (1 X mark). Which two statements are true?
- A. The total number of X marks is 7.
 B. The range is $\frac{3}{8}$ inches.
 C. The range is $\frac{5}{8}$ inches.
 D. The mode is $\frac{4}{8}$.
 E. There are 6 X marks at $\frac{4}{8}$.



- 1) A single tile is $\frac{2}{6}$ meter long. If you line up 9 tiles, what is the total length?

- 2) What is 2×672 ?

- A. 1244 C. 1344
 B. 1444 D. 1544

- 3) A rectangle has an area of 45 square centimeters. The length is 9 centimeters. What is the width?

- A. 4 cm C. 7 cm
 B. 6 cm D. 5 cm

- 4) A bike ride took two days. Day 1 was $3\frac{3}{6}$ miles and Day 2 was $2\frac{2}{6}$ miles. What is the total distance traveled?

- A. $5\frac{5}{6}$ C. $1\frac{1}{6}$
 B. $6\frac{1}{6}$ D. $5\frac{1}{6}$

- 5) A craft project uses 18 centimeters of string for each bracelet. How many centimeters of string are needed for 7 bracelets?

- A. 25 cm C. 126 cm
 B. 108 cm D. 140 cm



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6) Simplify $\frac{2}{8}$.

7) A bookstore has two registers. Register A has \$0.96 in coins. Register B has \$0.69 in coins. Which register has more money?

- A. Register A (\$0.96) C. Both registers have the same amount
- B. Register B (\$0.69) D. Register B has more

8) A pattern follows the rule “add 3.” If the second term is 10, what is the first term?

- A. 6 C. 13
- B. 15 D. 7

9) What angle does the minute hand sweep in 30 minutes?

- A. 90° C. 180°
- B. 120° D. 270°

10) Which number is NOT divisible by 2?

- A. 78 C. 91
- B. 84 D. 96



1) What is $3\frac{3}{4} - 1\frac{2}{4} - \frac{3}{4}$?

- A. $\frac{2}{4}$
 B. $1\frac{2}{4}$

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

2) Each plant needs $\frac{1}{6}$ gallon of water. Olivia has 8 plants. How much water does she need?

- A. $\frac{1}{48}$ gallon
 B. $\frac{8}{6}$ gallon or $1\frac{1}{3}$ gallons

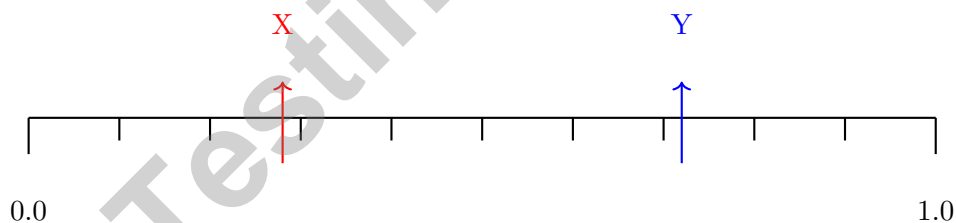
- C. $\frac{7}{6}$ gallon
 D. $\frac{8}{1}$ gallon

3) On a line plot with eighths: $\frac{1}{8}$ appears 2 times, $\frac{3}{8}$ appears 4 times, and $\frac{7}{8}$ appears 1 time. What is the sum total of all measurements?

- A. $\frac{19}{8}$
 B. $\frac{20}{8}$

- C. $\frac{21}{8}$
 D. $\frac{22}{8}$

4) Look at the number line below with two decimals marked.



Which statement is true?

- A. $X = 0.28$ and $Y = 0.72$; $X < Y$
 B. $X = 0.28$ and $Y = 0.72$; $X > Y$

- C. $X = 0.82$ and $Y = 0.27$; $X < Y$
 D. X and Y cannot be compared



5) How many factor pairs does 20 have?

A. 2

C. 4

B. 5

D. 3

6) Carter runs $\frac{3}{8}$ mile each morning. If he runs for 3 mornings, how far does he run in total?

A. $\frac{3}{24}$ miles

C. $\frac{6}{8}$ miles (or $\frac{3}{4}$ miles)

B. $\frac{9}{8}$ miles (or $1\frac{1}{8}$ miles)

D. $\frac{1}{8}$ mile

7) How many degrees larger is 145° than 55° ?

8) Which fraction is equivalent to $\frac{2}{3}$?

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

C. $\frac{6}{8}$

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

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

9) Which expression shows the number 5,803 broken into place values?

A. $(5 \times 1,000) + (8 \times 10) + (3 \times 1)$

C. $(5 \times 100) + (8 \times 100) + (3 \times 1)$

B. $(8 \times 1,000) + (5 \times 100) + (3 \times 1)$

D. $(5 \times 1,000) + (8 \times 100) + (3 \times 1)$



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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 A is correct.** (4.NR.2.3) The number line counts by tenths: 0.2 is the very first mark to the right of 0, so it's at position A.
- Choice B is correct.** (4.PAFR.1.3) The number line shows three equal jumps of $\frac{1}{5}$ each, landing at $\frac{3}{5}$. This matches $3 \times \frac{1}{5} = \frac{3}{5}$.
- Choice D is correct.** (4.PAFR.3.1) Read across the table: 8, 16, 24, 32, 40, 48, 56. The next one (64) is over 60, so we stop. Count: 7 multiples of 8 up to 60.
- Choice D is correct.** (4.PAFR.1.3) Distribute and add: $26 \times (10 + 2) = 260 + 52 = 312$ tiles.
- Choice C is correct.** (4.PAFR.3.1) The pattern should follow "add 12," giving multiples of 12: 12, 24, 36, 48, 60, ... Looking at the list, 50 does not appear in that sequence ($48 + 12 = 60$, not 50). So 50 is the number that doesn't belong.
- Choice A is correct.** (4.NR.2.5) Multiply both numerator and denominator by 2 to get tenths: $\frac{1}{5} = \frac{1 \times 2}{5 \times 2} = \frac{2}{10}$. Then multiply by 20 to get hundredths: $\frac{1}{5} = \frac{1 \times 20}{5 \times 20} = \frac{20}{100}$.
- Choice A is correct.** (4.NR.2.3) The fraction $\frac{45}{100}$ means 45 hundredths, which equals 0.45.
- The correct answer is 4.** (4.PAFR.1.1) To reach $\frac{4}{6}$, we count the unit fractions: 4 jumps of $\frac{1}{6}$ get us there.
- Choice B is correct.** (4.PAFR.1.3) Five pencils, each $\frac{2}{5}$ decimeter long, give us $5 \times \frac{2}{5} = \frac{10}{5} = 2$ decimeters total.
- Choice B is correct.** (4.PAFR.1.1) Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{2}{6} + \frac{5}{6} = \frac{7}{6} = 1\frac{1}{6}$. Combine: $3 + 1\frac{1}{6} = 4\frac{1}{6}$.
- Choice C is correct.** (4.MGSR.3.1) $\frac{7}{12} + \frac{1}{12} = \frac{8}{12} = \frac{2}{3}$ of a full turn. $\frac{2}{3} \times 360^\circ = 240^\circ$.
- Choice A is correct.** (4.MGSR.3.1) If Mia's angle contains 92 one-degree angles, its measure is 92° .
- Choice D is correct.** (4.NR.1.2) We're rounding to the nearest hundred. Look at the tens digit: 3. Since $3 < 5$, we round DOWN. The hundreds digit stays at 8, giving us **52,800**. ✓
- The correct answer is A, D.** (4.MGSR.2.2) Statement A is true: the total X marks is $1 + 2 + 3 + 1 = 7$. Statement D is true: the mode is $\frac{4}{8}$ with 3 X marks (the most). The range is $\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$, so B and C are false. There are only 3 X marks at $\frac{4}{8}$, not 6, so E is false.
- Choice A is correct.** (4.PAFR.1.2) Long division: $2 \div 7 = 0$ r2, bring down the 1 to get $21 \div 7 = 3$, bring down the 8 to get $8 \div 7 = 1$ r1, bring down the 4 to get $14 \div 7 = 2$. The answer is **312**.
- Choice A is correct.** (4.NR.1.2) Add: $5,234 + 3,456 = 8,690$. In the hundreds place: $2 + 4 = 6$. The hundreds digit is 6.
- Choice C is correct.** (4.MGSR.3.1) Think of an angle as two rays (the sides) that meet at one point (the vertex). That point is like the hinge, and the rays are like the two flaps of the angle.
- Choice B is correct.** (4.PAFR.1.1) Same denominator means we just combine numerators: $3 + 2 = 5$, so $\frac{5}{8}$.
- Choice A is correct.** (4.MGSR.1.1) Pizza box area = $14 \times 14 = 196$ sq in.
- Choice B is correct.** (4.PAFR.1.3) On the number line, we make 6 jumps of $\frac{1}{4}$ each, landing at $\frac{6}{4} = 1\frac{1}{2}$. So $6 \times \frac{1}{4} = 1\frac{1}{2}$. The answer is $1\frac{1}{2}$.
- The correct answer is 75.** (4.PAFR.3.1) To measure an angle of 75° , place the baseline ray at 0° and draw the second ray pointing to the 75° mark. Since 75° is between 45° and 90° , it's an acute angle. The answer is **75** degrees.
- Choice B is correct.** (4.PAFR.2.4) A butterfly is nature's perfect example of symmetry! The left and right wings mirror each other, so a vertical line down the middle is exactly a line of symmetry. The answer is **1** line of symmetry.
- Choice D is correct.** (4.PAFR.3.3) Compare the bars by dividing the longer by the shorter: $12 \div 3 = 4$. So Bar B is 4 times as long as Bar A.
- Choice C is correct.** (4.PAFR.1.2) The 5 in the thousands place is worth 5,000. The 5 in the ones place is worth 5. So $5,000 \div 5 = 1,000$ times. ✓
- The correct answer is 45.** (4.PAFR.1.3) The number 45,328 breaks into 45 thousands and 328 ones, so there are 45 thousands ✓



Hi, Math Athlete!

◇ 6 practice tests done! That's serious training. Your math muscles are strong. You are in great shape for the big test. ◇

★ **Trainers know:** muscle memory is real. The more you practice, the more your brain knows what to do without thinking. You built that muscle memory! ★

Athlete Performance

- **Endurance:** TOP! You can finish a long test.
- **Strength:** STRONG! You handle hard problems.
- **Speed:** JUST RIGHT! You don't rush.
- **Recovery:** GOOD! You bounce back from tough questions.

Trainer tip: on test day, drink water, breathe deeply, and warm up with the easier questions first. Your training will carry you the rest of the way!

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

Jay Daie

Your Math Trainer

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

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SUCCESS FOR LIFE.**

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Stronger Math Skills

Build a solid foundation through targeted practice and review.



Better Problem Solving

Develop logical thinking and effective solution strategies.



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Become familiar with test-style questions and formats.



Track Progress

Measure growth across multiple practice tests.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



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 & Equivalent Fractions
- ✔ Decimals
- ✔ Geometry & Measurement
- ✔ Perimeter & Area
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- ✔ And More!



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