

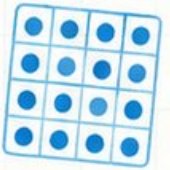
10

$$7 \times 8 = 56$$

$$\begin{array}{r} 32 \\ \times 6 \\ \hline 192 \end{array}$$



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



South Carolina



SC READY



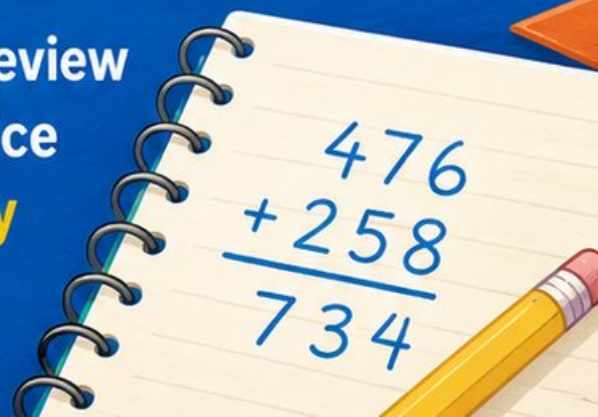
GRADE 4



MATH

PRACTICE TESTS

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



10 South Carolina SC READY Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten 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!

Ten steady rounds on the Palmetto State math route

This book gives you ten 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?

Ten tests, 300 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 7–9	Stamina rounds for mixed review, neat work, and flexible strategies.
Test 10	Final round to show growth across the whole South Carolina book.
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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& answers

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1) What is 52×15 ?

A. 520

C. 650

B. 830

D. 780

2) Chen has 4 boxes of pencils. Each box has the same number of pencils. If Chen has 32 pencils total, how many pencils are in each box?

A. 6

C. 10

B. 12

D. 8

3) A ribbon is cut into two pieces. One piece is $\frac{7}{10}$ meter and the other is $\frac{2}{10}$ meter. What was the original length of the ribbon?



Piece 1: $\frac{7}{10}$
Original ribbon: $\frac{7}{10} + \frac{2}{10} = ?$

Piece 2: $\frac{2}{10}$

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

C. $\frac{9}{20}$ meter

B. $\frac{9}{10}$ meter

D. $\frac{14}{10}$ or $1\frac{4}{10}$ meters

4) What number is $100,000 + 20,000 + 3,000 + 0 + 50 + 0$?

A. 123,500

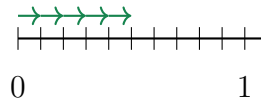
C. 123,050

B. 102,350

D. 120,350

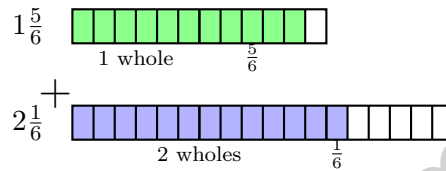


9) Lia jumped $\frac{1}{10}$ of the way along a line, five times. Where did she land?



- A. $\frac{1}{10}$
 C. $\frac{5}{10}$
 B. $\frac{3}{10}$
 D. $\frac{10}{10}$

10)



What is the sum shown by the bar diagrams?

- A. $3\frac{4}{6}$
 C. $3\frac{3}{6}$
 B. $3\frac{5}{6}$
 D. 4
- 11) Which of these is NOT equivalent to $\frac{1}{3}$?
- A. $\frac{2}{6}$
 C. $\frac{2}{5}$
 B. $\frac{3}{9}$
 D. $\frac{4}{12}$
- 12) A pattern of numbers follows the rule “add the previous two numbers.” Starting with 3 and 4, what is the 5th term?
- A. 12
 C. 16
 B. 14
 D. 18



1) Round 93,847 to the nearest hundred.

- A. 94,000 C. 93,900
 B. 93,850 D. 93,800

2) Which fraction is equivalent to $\frac{4}{8}$?

- A. $\frac{1}{4}$ C. $\frac{3}{4}$
 B. $\frac{5}{8}$ D. $\frac{1}{2}$

3) Maya has 7 pounds of flour. How many ounces of flour does she have?

4) Two angles are measured: one is 55 degrees and one is 165 degrees. Which statement is true?

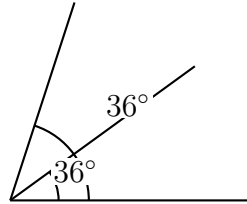
- A. Both angles are acute C. One is acute and one is obtuse
 B. Both angles are obtuse D. Both angles are right angles

5) A rectangle is 11 meters long and 9 meters wide. What is its area?



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- 6) A ramp is built at an angle. Half of the ramp's total angle is 36° . What is the measure of the entire ramp's angle?



- A. 36° C. 18°
 B. 72° D. 90°

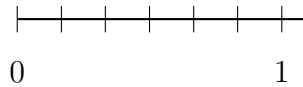
7)

$$\begin{array}{r} 2,347 \\ +3,285 \\ \hline \end{array}$$

↗ Carry 1
 ↘ Add ones: $7 + 5 = 12$

What is the sum $2,347 + 3,285$?

- A. 5,632 C. 5,542
 B. 5,722 D. 5,742
- 8) Diego drew hops on a number line from 0 to 1. Each hop is $\frac{1}{6}$. How many hops reach exactly 1?



- A. 2 hops C. 6 hops
 B. 4 hops D. 8 hops

1) A napkin costs $\frac{1}{2}$ dollar. If you buy 6 napkins, how much do you spend?

- A. $\frac{1}{12}$ dollar
- B. $\frac{6}{2}$ dollars (or 3 dollars)
- C. $\frac{6}{12}$ dollar
- D. $\frac{1}{3}$ dollar

2) Which of the following best describes a line segment?

- A. A line that goes on forever in both directions
- B. A straight path between two points with a definite start and end
- C. A straight path that has a start but goes on forever in one direction
- D. A point that marks the middle of a line

3) One basket holds 5 apples. Another basket holds 6 times as many apples. What is the total number of apples in both baskets?

4) If $\frac{6}{8} = \frac{2}{8} + \underline{\hspace{1cm}}$, what fraction completes the decomposition?



- 5) What is the name of the point where the two rays of an angle meet?
- A. The arc C. The vertex
 B. The side D. The interior
- 6) The population of City A is 47,892. City B's population is 23,456 less than City A. What is City B's population?
- A. 24,436 C. 25,436
 B. 24,536 D. 24,346
- 7) Ming has 5 bags of marbles. Each bag has $\frac{3}{10}$ pound of marbles. What is the total weight?
- A. $\frac{5}{30}$ pounds C. $\frac{3}{50}$ pounds
 B. $\frac{15}{10}$ or $1\frac{1}{2}$ pounds D. $\frac{8}{10}$ pounds
- 8) Three equal angles fit perfectly around a full circle, with none left over. What is the measure of each angle?
- A. 90° C. 135°
 B. 120° D. 180°
- 9) Two friends share pizza. One eats $\frac{3}{8}$ and the other eats $\frac{4}{8}$. How much pizza do they eat together?
- A. $\frac{7}{16}$ of the pizza C. $\frac{1}{8}$ of the pizza
 B. $\frac{7}{8}$ of the pizza D. $1\frac{1}{8}$ pizzas



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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

- 1) **Choice D is correct.** (4.PAFR.1.3) Break 15 into parts: $52 \times (10 + 5) = 520 + 260 = 780$.
- 2) **Choice D is correct.** (4.PAFR.3.3) Equal groups of pencils make a multiplication picture: $4 \times ? = 32$. To find the size of each group, divide: $32 \div 4 = 8$ pencils per box.
- 3) **Choice B is correct.** (4.PAFR.1.1) The ribbon was cut into two pieces. Piece 1 is $\frac{7}{10}$ meter (dark blue), and Piece 2 is $\frac{2}{10}$ meter (sky blue). Together: $7 + 2 = 9$ tenths, or $\frac{9}{10}$ meter.
- 4) **Choice C is correct.** (4.PAFR.1.3) Step 1: $100,000 + 20,000 + 3,000 = 123,000$. Step 2: $123,000 + 50 = 123,050$ ✓
- 5) **Choice B is correct.** (4.PAFR.1.1) The picture shows a rectangle with 3 out of 4 parts shaded. When one shaded part is removed, subtract: $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$ remains shaded.
- 6) **Choice C is correct.** (4.MGSR.2.5) Since 1 gallon = 4 quarts, multiply: $20 \times 4 = 80$ quarts. The answer is **80** quarts.
- 7) **Choice B is correct.** (4.MGSR.3.1) Tick marks indicate which sides are equal. The two sides marked with the same tick marks are equal in length. The answer is **B**.
- 8) **Choice D is correct.** (4.PAFR.3.4) Two parts! First: $144 \div 12 = 12$ full crates. Then the 9 extra toys won't fill a crate but still need one—so we round up: $12 + 1 = 13$ crates total.
- 9) **Choice C is correct.** (4.PAFR.1.3) Lia jumps five times by $\frac{1}{10}$ each time: $5 \times \frac{1}{10} = \frac{5}{10}$.
- 10) **Choice D is correct.** (4.PAFR.1.1) Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{5}{6} + \frac{1}{6} = \frac{6}{6} = 1$. Combine: $3 + 1 = 4$.
- 11) **Choice C is correct.** (4.NR.2.5) Check each option: $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$. All equivalent! But $\frac{2}{5}$ is different because when you cross-multiply, $2 \times 3 = 6$ but $5 \times 1 = 5$.
- 12) **Choice D is correct.** (4.PAFR.3.1) Add the two previous terms: Start with 3, 4. Then $3 + 4 = 7$, $4 + 7 = 11$, $7 + 11 = 18$. The 5th term is **18**.
- 13) **Choice D is correct.** (4.PAFR.3.3) "4 times as much" means multiply. The game costs $\$8 \times 4 = \32 .
- 14) **The correct answer is $\frac{25}{100}$.** (4.NR.2.3) One dollar contains 100 cents. So 25 cents is $\frac{25}{100}$ of a dollar.
- 15) **Choice B is correct.** (4.MGSR.2.5) The tank needs 3 liters per day for 5 days. Multiply: $3 \times 5 = 15$ liters. He needs **15** liters of water.
- 16) **Choice A is correct.** (4.PAFR.1.2) Long division: $1 \div 4 = 0$ r1, bring down the 7 to get $17 \div 4 = 4$ r1, bring down the 6 to get $16 \div 4 = 4$, bring down the 4 to get $4 \div 4 = 1$. The quotient is **441**.
- 17) **The correct answer is A, B.** (4.PAFR.2.4) Choice A is correct because a regular pentagon has exactly 5 lines of symmetry. Choice B is correct because a regular hexagon has exactly 6. Choice C is wrong (equilateral triangles have 3, not 6). Choice D is wrong (regular octagons have 8, not 4). Choice E is wrong because different regular polygons have different numbers of symmetry lines!
- 18) **Choice B is correct.** (4.PAFR.3.1) Multiples of 3 come from skip-counting by 3: 3, 6, 9, 12, 15, ... Choice B follows that pattern exactly. Choice A swaps in 16 ($16 \div 3$ has a remainder), choice C swaps in 8, and choice D swaps in 5—all not multiples of 3.
- 19) **Choice B is correct.** (4.PAFR.1.1) Look at the expression: $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$. Count them: **6** copies of $\frac{1}{3}$.
- 20) **Choice B is correct.** (4.PAFR.1.3) Henry jumps $\frac{1}{2}$ meter 9 times. Multiply: $9 \times \frac{1}{2} = \frac{9 \times 1}{2} = \frac{9}{2} = 4\frac{1}{2}$ meters. The answer is **$4\frac{1}{2}$** meters.
- 21) **The correct answer is 2.** (4.MGSR.3.1) An angle is formed by **2** rays that share a vertex.
- 22) **Choice B is correct.** (4.MGSR.3.1) A straight angle is a 180° angle, meaning it turns through **180** one-degree angles.
- 23) **Choice A is correct.** (4.MGSR.1.1) Bookshelf area = $16 \times 12 = 192$ sq in.
- 24) **Choice A is correct.** (4.NR.1.2) Sam read pages on Monday and more on Tuesday, so we add. $234 + 189 = 423$ pages total.
- 25) **Choice B is correct.** (4.PAFR.3.4) On a straight line, angles on both sides add to 180° . Subtract to find the other: $180^\circ - 123^\circ = 57^\circ$.
- 26) **Choice B is correct.** (4.MGSR.3.1) Whether you call it segment PQ or segment QP , you're describing the exact same straight path between the two points. The order doesn't matter.



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Hi, Math Pilot!

◇ 10 flights done in your math airplane. You have flown through smooth skies and bumpy clouds. You are a real pilot now. ◇

★ **Pilots know:** a good check before takeoff makes a smooth flight. Before each problem, do your check: read, plan, solve, verify. ★

Pilot Skills

- **Pre-Flight:** You read the question carefully.
- **Steering:** You pick the right strategy.
- **Smooth Flight:** You stay calm in long tests.
- **Landing:** You always check your final answer.

Pilot tip: on test day, take off one problem at a time. Trust your training. You earned your wings!

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

Jay Daie

Your Math Pilot

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, boost confidence, and succeed in the classroom and beyond. With 10 full-length practice tests that reflect real test formats, students get the targeted practice they need to master key concepts, improve problem-solving abilities, and achieve their goals.

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