

3

South Carolina

SC READY

GRADE 3

MATH

PRACTICE TESTS

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Standards-Aligned
Practice for Stronger
Math Skills and
Test Readiness



Build Confidence
with Targeted Practice



Strengthen Skills
in Key Math Concepts



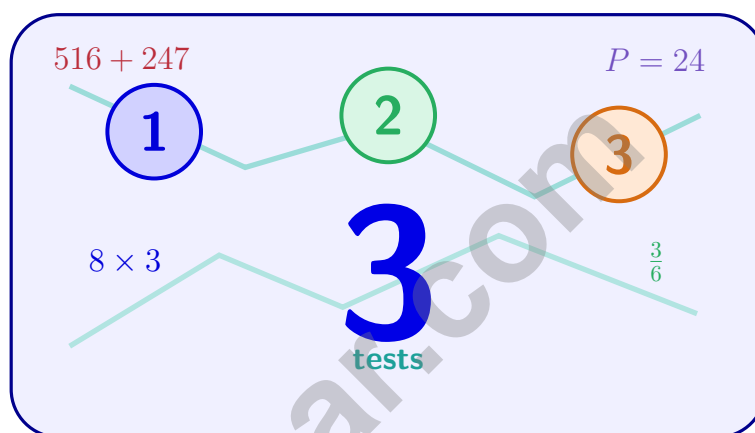
Improve Test Readiness
with Realistic Practice

Be Ready.
Do Your Best!



3 South Carolina SC READY Grade 3 Math Practice Tests

Standards-Aligned Practice for Stronger Math Skills and Test Readiness



Three 30-question trail tests packed with Grade 3 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 to the South Carolina Math Trail

Three tests, one trail, and a stronger Grade 3 thinker at the end



To the Grade 3 Trail Scout

This book is your practice trail for the South Carolina SC READY. You will multiply and divide, read graphs, work with fractions, measure time, find area, and explain your thinking – one trail marker at a time.

Some problems will feel quick, like a clear stretch of wide open trail. Some will ask you to slow down, draw, count, or try again. That slow part is where strong math grows. Every page gives your brain another chance to spot, choose, and build.

Spot

Read carefully and find what the problem is really asking.

Sketch

Use numbers, arrays, number lines, or labels to make your thinking visible.

Signal

Check that your answer makes sense before you wave the next question on.

Trail promise: I will read like a tracker, sketch like a planner, and check like a careful scout. I do not have to be perfect to keep moving forward.

How to Use This Book

A four-step trail plan that turns practice into progress

Step 1: Pack Your Pack

Read the Quick Review first.
Wake up the Grade 3 ideas you will need before you set foot on the trail.

Step 2: Hit the Trail

Take one full test.
Thirty questions. Pencil sharp, work shown, calm pace – one marker at a time.

Step 3: Campfire Check

Check answers honestly.
Circle missed questions. Star any problem that felt confusing – those are tomorrow’s clues.

Step 4: Track Back

Fix a few mistakes.
Read the explanation, rework the problem, and carry that lesson up the next stretch of trail.

A Three-Week Trail Plan

Week 1	Hike Test 1. Map what feels strong and what needs a second look.
Week 2	Hike Test 2. Sharpen the habits: read slow, sketch the model, label every number.
Week 3	Hike Test 3. Bring everything – facts, models, checks, and calm focus.

Best trail habit: Do not only ask, “What did I score?” Ask, “What did I learn how to do better?”



Test Overview

What waits on the trail and what each practice test builds

Each practice test has 30 questions. Together they walk you through the kind of math thinking the South Carolina SC READY asks Grade 3 students to use: read carefully, choose a strategy, show work, and check whether an answer makes sense.

Selected-Response Questions

Pick the best answer from the choices. Strong scouts estimate first, cross out answers that cannot be right, and reread the question before circling.

Open-Ended Questions

Write the answer and show the thinking. A clear response uses neat numbers, helpful labels, and a short model or explanation.

Grade 3 Ideas You Will Meet on the Trail

- multiplication, division, arrays, equal groups, and fact fluency
- rounding, adding, subtracting, and multiplying by multiples of 10
- fractions, number lines, equivalent fractions, and comparing fractions
- time, mass, liquid volume, picture graphs, bar graphs, and line plots
- area, perimeter, unit squares, rectangles, and shapes
- two-step word problems and explaining a solution path

What strong SC READY work looks like: the scout reads the whole problem, picks a sensible strategy, writes numbers neatly, labels the answer, and checks that the answer truly fits the question.



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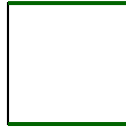
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1) Ben ran $\frac{5}{6}$ of a mile. Lily ran $\frac{5}{8}$ of a mile. Who ran farther?

- A. Ben C. They ran the same distance
 B. Lily D. Cannot tell from the fractions



2)

Parallel

The shape shows two sides that are parallel. If this is a rectangle, which other pair of sides is also parallel?

- A. The left and right sides C. Only one pair in a rectangle
 B. The diagonal sides D. No other sides are parallel
- 3) Mia colored $\frac{2}{3}$ of a circle. Write an equivalent fraction that uses 6 as the denominator.

4) Marcus says $4 \times 70 = 4700$. Is he correct? Why or why not?

- A. Yes, he is correct. C. No, the answer is 470.
 B. No, the answer is 280. D. No, the answer is 2800.

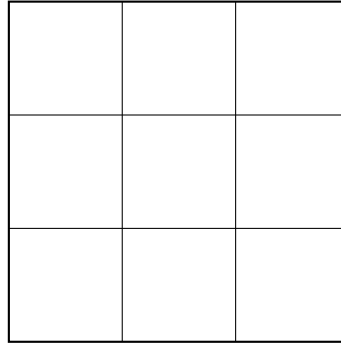
5) The pattern for multiples of 7 starts: 7, 14, 21, 28, 35, 42, ...

What is the next number?

- A. 43 C. 49
 B. 48 D. 50



6) A square is divided into a 3×3 grid (2 horizontal and 2 vertical lines making 9 equal small squares). What fraction is one small square?

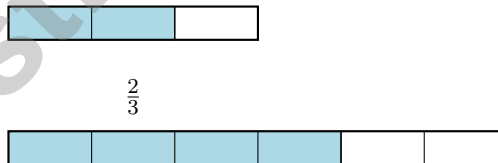


- A. $\frac{1}{6}$
- B. $\frac{1}{8}$
- C. $\frac{1}{9}$
- D. $\frac{1}{4}$

7) A farmer has 6 baskets. Each basket holds 7 apples. How many apples does the farmer have?

- A. 36 apples
- B. 40 apples
- C. 42 apples
- D. 48 apples

8) Look at the bars. What fraction does the second bar show?



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



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- 9) A square garden has side lengths of 8 square meter tiles along each edge. Draw or describe how many square meter tiles cover the whole garden. Write your answer.



- 10) A number line from 0 to 1 has tick marks that divide it into equal parts. There are 5 tick marks total (counting 0 and 1). How many equal parts are there?

- A. 3 C. 5
 B. 4 D. 6

- 11) This number line shows 0 to 1 split into 2 equal parts. What is the fraction at the right end?



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

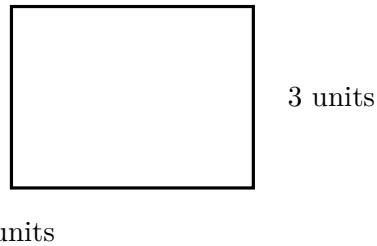
- 12) Round 351 to the nearest 100.

- A. 300 C. 351
 B. 350 D. 400

- 13) Mia's room is shaped like a rectangle with length 7 ft and width 5 ft. What is the area of her room?

- A. 12 ft^2 C. 49 ft^2
 B. 24 ft^2 D. 35 ft^2





1)

What is the area of the rectangle?

- A. 7 sq units C. 14 sq units
 B. 12 sq units D. 24 sq units

2) A rectangle has length 10 inches and width 4 inches. Find the perimeter.

- A. 28 in C. 40 in
 B. 14 in D. 56 in

3) Which split could show $6 \times (4 + 3) = (6 \times 4) + (6 \times 3)$?

- A. Two rectangles share a 6-unit side; the other sides are 4 and 3
 B. Two rectangles have no matching side lengths
 C. One rectangle is not split into parts
 D. One rectangle is split into three unrelated parts

4) What is 5×9 ?

- A. 40 C. 50
 B. 54 D. 45

5) Ava skip counts by 2s: 2, 4, 6, 8, 10.

What do all these numbers have in common?

- A. They are all odd C. They are all greater than 5
 B. They are all multiples of 3 D. They are all even



6) A rectangular carpet is 10 centimeters long and 5 centimeters wide. What is its area?

- A. 15 sq cm C. 50 sq cm
 B. 30 sq cm D. 55 sq cm

7) Which statement is true?

- A. If $8 \times 2 = 16$, then $16 \div 2 = 8$ and $16 \div 8 = 2$ C. If $8 \times 2 = 16$, then division is not related
 B. If $8 \times 2 = 16$, then $16 \div 2 = 2$ only D. If $8 \times 2 = 16$, then $16 \div 2 = 16$

8) Eli goes to bed at 9 : 23 PM. He sleeps for 9 hours and 37 minutes. What time does Eli wake up?

- A. 6 : 00 AM C. 7 : 15 AM
 B. 7 : 00 AM D. 6 : 45 AM

9) A rectangle is divided with 3 vertical lines making 4 equal columns. How many parts is the rectangle divided into?



- A. 2 parts C. 3 parts
 B. 5 parts D. 4 parts

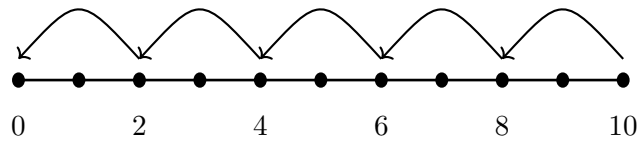
10) A student read $\frac{4}{1}$ books. How many whole books?

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



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1) Which number sentence is shown by the repeated subtraction on the number line?



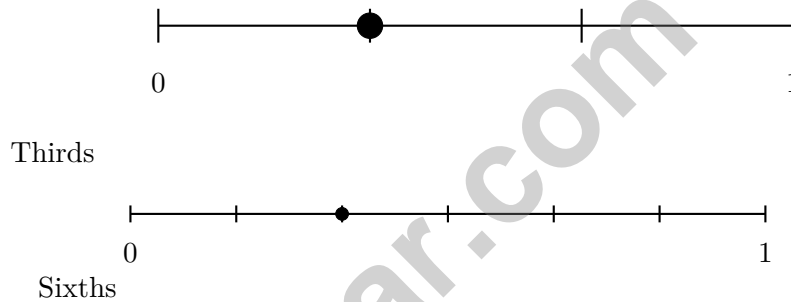
A. $10 \div 2 = 5$

C. $10 - 2 = 8$

B. $10 \div 5 = 2$

D. $2 \times 5 = 10$

2) Two different number lines show 0 to 1. Compare $\frac{1}{3}$ on a thirds line with $\frac{2}{6}$ on a sixths line. Which is true?



A. $\frac{1}{3}$ is greater

C. They are equal

B. $\frac{2}{6}$ is greater

D. Cannot be compared

3) If a rectangle has a length of 7 units and a width of 5 units, what is the area in square units?



4) Sam solved this problem: $\square \times 8 = 56$. He wrote the answer $\square = 7$. Is his answer correct?

- A. Yes, because $7 \times 8 = 56$.
 C. No, the correct answer is 8.
- B. No, the correct answer is 6.
 D. No, the correct answer is 9.

First part: 218
Second part: 175
Total: ?

5)

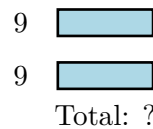
This bar model shows an addition problem. What is $218 + 175$?

- A. 393
 C. 392
- B. 383
 D. 394

6) An L-shaped deck has areas 18 sq units and 10 sq units. What is the total area of the deck?

- A. 8 sq units
 C. 36 sq units
- B. 28 sq units
 D. 180 sq units

7) Below is a bar model showing equal groups. There are 2 groups with 9 items in each group.



What is the total?

- A. 18
 C. 11
- B. 16
 D. 27



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Practice Test Answer Keys

How to use this section with a Grade 3 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 builds stronger math habits.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice A is correct.** **(3.NR.2.6)** Same numerator (5): sixths are bigger pieces than eighths. So $\frac{5}{6} > \frac{5}{8}$. Ben ran farther.
- Choice A is correct.** **(3.MGSR.3.1)** A rectangle has two pairs of parallel sides: the top and bottom sides are parallel, and the left and right sides are parallel to each other.
- The correct answer is $\frac{4}{6}$.** **(3.NR.2.5)** Multiply the numerator and denominator by 2: $\frac{2 \times 2}{3 \times 2} = \frac{4}{6}$.
- Choice B is correct.** **(3.PAFR.1.2)** $4 \times 70 = 4 \times 7 \times 10 = 28 \times 10 = 280$. Marcus added two zeros instead of one.
- Choice C is correct.** **(3.PAFR.2.3)** Add 7 each time: $42 + 7 = 49$. Multiples of 7 always increase by 7.
- Choice C is correct.** **(3.NR.2.1)** Nine equal parts means each part is $\frac{1}{9}$ of the whole square.
- Choice C is correct.** **(3.PAFR.1.3)** 6 baskets with 7 apples each: $6 \times 7 = 42$.
- Choice B is correct.** **(3.NR.2.6)** Both bars show the same amount. $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent.
- The correct answer is 64 tiles.** **(3.MGSR.1.1)** This emphasizes improvised/real units (square meter tiles). Count the rows: 8 rows with 8 tiles per row. Total: $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 64$ square meter tiles cover the garden.
- Choice B is correct.** **(3.NR.2.1)** Five ticks (including 0 and 1) create four equal segments. Each segment is $\frac{1}{4}$.
- Choice B is correct.** **(3.NR.2.4)** The right end is at all 2 parts, so the fraction is $\frac{2}{2}$, which equals 1.
- Choice D is correct.** **(3.NR.1.4)** The tens digit is 5. Since $5 \geq 5$, round up: 351 rounds to 400.
- Choice D is correct.** **(3.PAFR.2.1)** Area = $7 \times 5 = 35 \text{ ft}^2$.
- Choice A is correct.** **(3.PAFR.2.4)** Both rectangles share width 5. Adding them means adding the other dimensions: $9 + 3 = 12$, so $5 \times (9 + 3)$.
- Choice A is correct.** **(3.NR.2.3)** $\frac{8}{4}$ means 8 fourths. 4 fourths make 1 whole, so 8 fourths make 2 wholes.
- Choice D is correct.** **(3.MGSR.1.1)** The grid is 5 units wide and 3 units tall: $5 \times 3 = 15$ unit squares.
- Choices A and C are correct.** **(3.NR.2.1)** In partitive division, we know the number of groups (3 friends, 8 piles) and find the size of each. B is quotitive (measurement) because we know the size (4 cookies per bag) and find the number of bags. D is also quotitive. E is subtraction, not division.
- Choice D is correct.** **(3.NR.1.1)** Point U is at position 1 on the number line. Since the line is divided into fourths, this position is the 4th fourth-mark: $\frac{4}{4} = 1$.
- Choice B is correct.** **(3.MGSR.2.3)** $3 : 45 - 12 \text{ min} = 3 : 33 \text{ PM}$.
- Choice A is correct.** **(3.MGSR.1.1)** Area = $6 \times 4 = 24$ square units.
- Choice C is correct.** **(3.NR.2.5)** $\frac{3}{4} = \frac{6}{8}$ because both represent three-fourths of the strip.
- Choice C is correct.** **(3.PAFR.2.4)** $3 \times 5 = 15$ square units, not 16. The others work: $4 \times 4 = 16$, $2 \times 8 = 16$, $1 \times 16 = 16$.
- Choice B is correct.** **(3.PAFR.2.4)** $6 \times 9 = 54$ tiles. Larger product.
- Choice D is correct.** **(3.PAFR.2.4)** Three bags with 6 marbles each means 3 groups of 6. So $3 \times 6 = 6 + 6 + 6 = 18$.
- Choice A is correct.** **(3.DPSR.1.2)** Ben's bar is 2 units tall. $2 \times 10 = 20$ apples.
- Choice A is correct.** **(3.PAFR.2.2)** Step 1: Subtract for necklace: $100 - 25 = 75$ beads. Step 2: Divide into bracelets: $75 \div 5 = 15$ beads per bracelet. (Choice D is step 1 only.)
- Choice C is correct.** **(3.NR.2.1)** A candy bar divided into 2 equal pieces means each piece is a unit fraction of $\frac{1}{2}$ (one-half).
- The correct answer is 48 square feet.** **(3.PAFR.2.1)** Area = length \times width, so $8 \times 6 = 48$ square feet.
- Choice D is correct.** **(3.PAFR.1.3)** By the associative property, $(3 \times 2) \times 4 = 3 \times (2 \times 4) = 24$. Both groupings give the same product.
- Choice A is correct.** **(3.PAFR.2.1)** Multiply: $4 \times 7 = 28$ stickers. The unknown is 28.

A Note From Your Math Friend

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.

Jay Daie

Your Math Friend

3 GRADE 3 MATH PRACTICE TESTS

Practice Today. Succeed Tomorrow!



Give your child the tools to build strong math skills and test confidence!

This book includes 3 full-length Grade 3 Math practice tests that mirror real test formats and cover all key math standards. With a wide range of question types and real-world problems, students will gain the practice and confidence they need to do their best!

What's Inside?



Standards-Aligned Practice

Questions designed to cover essential Grade 3 math standards.



Variety of Question Types

Multiple-choice, short answer, and more to build well-rounded skills.



Real-World Applications

Engaging problems that connect math to everyday life.



Step-by-Step Progress

Track improvement and build confidence with every test.



Build Skills & Boost Confidence

Strengthen understanding and feel prepared for test day.

COVERS ALL ESSENTIAL TOPICS

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- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ Graphing & Data Analysis
- ✓ And More!



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PRACTICE. PREPARE. SUCCEED.