

5

South Carolina

SC READY

GRADE 3

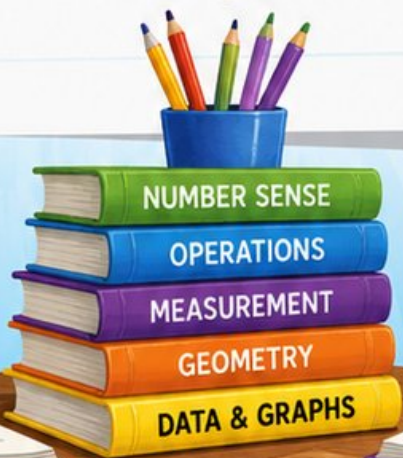
MATH

PRACTICE TESTS

Standards-Aligned Practice with Review, Answer Keys, and Explanations

$24 \div 3 = 8$

$125 + 37$



5 FULL-LENGTH PRACTICE TESTS



STANDARDS-ALIGNED PRACTICE



DETAILED ANSWER KEYS



CLEAR EXPLANATIONS TO HELP YOU SUCCEED

5 South Carolina SC READY Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five focused 30-question checkpoints for Grade 3 math: facts, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Welcome to the Five Checkpoint Quest

Five tests, five fresh starts, and one stronger Grade 3 thinker



Read. Model. Solve. Check. Grow.

To the Grade 3 Math Explorer

This book gives you five practice checkpoints for the South Carolina SC READY. Each checkpoint is a full 30-question test, so you can practice stamina, accuracy, and the habit of showing what you know.

South Carolina has coast marshes, pine paths, harbor streets, and classroom routes built by steady choices. Strong math uses the same kind of careful planning: look at the path, choose a tool, and check your work before moving ahead.

Notice

Circle key words, units, and numbers before you start.

Build

Use arrays, number lines, equations, tables, or sketches.

Verify

Ask, "Does this answer fit the question?"

Five-checkpoint promise: I will try each test with patience, mark my mistakes honestly, and use every correction to make the next checkpoint stronger.

How to Use This Book

A five-step routine for steady Grade 3 growth

Use one checkpoint at a time. A good pace is one test, one careful review, and one short skill tune-up before the next test.

1. **Preview the tools.** Skim the reference page and remember where multiplication, fractions, measurement, and shapes appear.
2. **Take one full test.** Work neatly. If a problem feels stuck, mark it and keep moving.
3. **Check the answer key.** Notice the question type: multiple choice, select all, or open-ended.
4. **Study explanations.** Pick two missed questions and redo them without looking.
5. **Choose the next focus.** Write one habit to carry into the next checkpoint.

Best review habit: Do not just ask, “What was the answer?” Ask, “What clue did I miss, and what tool should I try next time?”



What Is Inside?

Five complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–5	Solve five different 30-question tests.	Build stamina and see many Grade 3 skills mixed together.
Answer Keys	Check each answer in compact boxes.	Find mistakes quickly without losing your place.
Explanations	Read the reason behind each answer.	Turn missed items into a clear next step.
Standards Reference	See how South Carolina Grade 3 standards connect to practice.	Understand the skills behind the questions.

Each test has 26 multiple-choice questions, 1 select-all question, and 3 open-ended questions. That mix gives students practice with quick choices, careful reasoning, and short written answers.



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For more practice
& answers

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1) How many whole units does the shaded bar show?



- A. 1 C. 6
 B. 3 D. 2

2) Which statement is true about a unit square measured in centimeters?

- A. It has side length 2 cm and area 4 square cm C. It has side length 1 cm and area 2 square cm
 B. It has side length 1 cm and area 1 square cm D. It has side length 5 cm and area 5 square cm

3) Mia finished at 4 : 52 and started 39 minutes earlier. What time did she start?

4) When you round 45 to the nearest 10, why does the ones digit matter more than the hundreds digit?

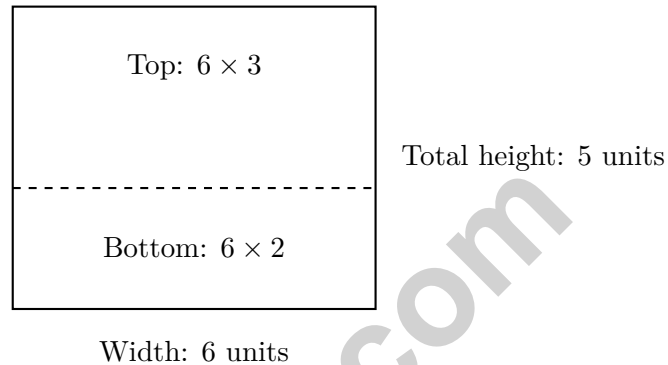
- A. Because we are rounding to the nearest 10, not the nearest 100 C. Because 45 is a large number
 B. Because the ones digit is always bigger D. Because 50 is better than 40



5) A classroom has 5 shelves of puzzle boxes. Each shelf has 8 boxes. How many puzzle boxes are there?

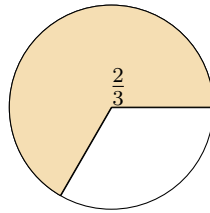
- A. 13 boxes (adds $5 + 8$) C. 35 boxes (confuses: 5×7 instead)
 B. 45 boxes (adds $5 + 8 + 32$) D. 40 boxes

6) A rectangle is tiled and labeled like this:



Which sum of the two smaller areas gives the total area?

- A. $6 \times (3 + 2) = 30$ C. $6 + 5 = 11$
 B. $(6 \times 3) + (6 \times 2) = 18 + 12 = 30$ D. $3 + 2 = 5$
- 7) Which fraction is equivalent to $\frac{2}{3}$?



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



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8) Which statement is true about the products of even and odd numbers?

- A. Even \times odd is always odd
- B. Even \times even is always odd
- C. Even \times odd is always even
- D. Odd \times odd is always even

9) Maria draws a rectangle on a grid. The rectangle is 5 units long and 3 units wide. She counts 12 unit squares instead of 15. What did Maria do wrong?

- A. She counted the perimeter instead of area
- B. She counted only the edges, not the whole inside
- C. She multiplied 4 and 3 instead of 5 and 3
- D. She added instead of multiplied

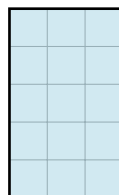
10) This array has 2 rows. Each row has 50 squares. How many squares in total?



$2 \times 50 = ?$

- A. 52
- B. 25
- C. 100
- D. 1000

11) This rectangle is divided into unit squares on a grid.



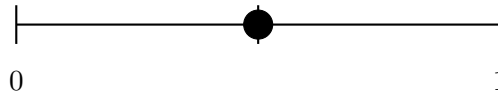
What is the area?

- A. 8 sq units
- B. 15 sq units
- C. 20 sq units
- D. 25 sq units

1) Sam's swim practice starts at 4 : 30 PM and ends at 5 : 42 PM. How many minutes is the practice?

- A. 60 minutes C. 72 minutes
 B. 70 minutes D. 75 minutes

2) A point is marked on a number line from 0 to 1 with 2 equal parts. The point is at $\frac{1}{2}$. Which statement is true?

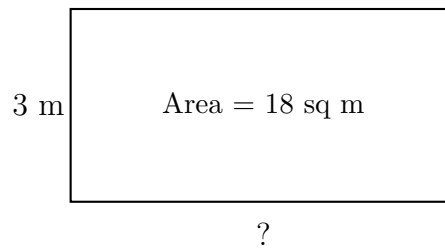


- A. It is closer to 0 than 1 C. It is halfway between 0 and 1
 B. It is closer to 1 than 0 D. It is at 0
- 3) Sam marks two number lines. On line 1, he marks $\frac{2}{4}$. On line 2, he marks $\frac{3}{6}$. Are his marks at the same place?

- A. The lines are not the same length. C. No, $\frac{2}{4}$ is further right.
 B. No, $\frac{3}{6}$ is further right. D. Yes, same place.

4) If $7 \times 9 = 63$, what is 9×7 ?





5)

A rectangular field has an area of 18 square meters and a height of 3 meters. What is the length?

- A. 6 meters C. 21 meters
 B. 15 meters D. 9 meters

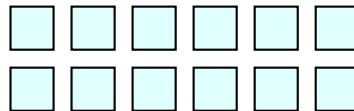
6) How many vertices (corners) does a quadrilateral have?

- A. 2 C. 6
 B. 3 D. 4

7) Lily sees a number line from 0 to 1 with 8 equal parts. She wants to find $\frac{2}{8}$. How many tick marks does she count from 0?

- A. 8 ticks C. 2 ticks
 B. 4 ticks D. 1 tick

8)



What is the product shown by this array?

- A. 10 C. 6
 B. 8 D. 12



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& answers

1) What number makes the equation true?

$$48 \div \square = 6$$

A. 8

C. 6

B. 7

D. 9

2) What is 9×6 ?

A. 48

C. 54

B. 52

D. 60

3) Sam has a rectangular garden that is 12 units long and 2 units wide. What is the area of the garden?

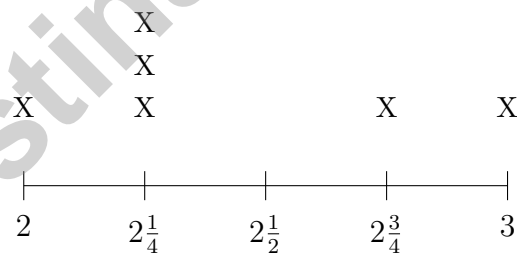
A. 14 sq units

C. 36 sq units

B. 24 sq units

D. 48 sq units

4) A line plot shows toy car weights in ounces with quarter marks: $2, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{3}{4}, 3$.



How many toy cars weigh at most $2\frac{1}{2}$ ounces?

A. 3

C. 5

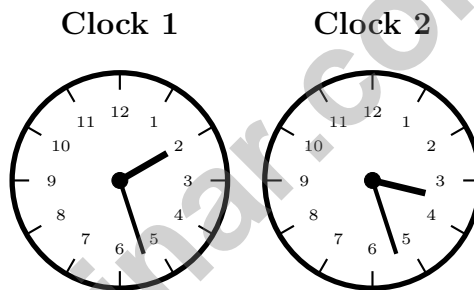
B. 4

D. 6



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- 5) Eli has 3 boxes with 7 pencils in each box. How many pencils does Eli have?
- A. 10 pencils (adds $3 + 7$)
- B. 11 pencils (miscounting: forgets one group)
- C. 14 pencils (multiplies first number by itself and second: $3 + 3 + 3 + 7$)
- D. 21 pencils
- 6) An L-shaped field is divided by a dashed line. The top rectangle is 6 units by 4 units. The bottom rectangle is 5 units by 3 units. What is the total area?
- A. 24 sq units
- B. 39 sq units
- C. 15 sq units
- D. 360 sq units
- 7) Which clock shows 3 : 27?



- A. Clock 1
- B. Clock 2
- C. Neither
- D. Both
- 8) Which missing divisor makes the number sentence true?
- $$24 \div _ = 4$$
- A. 6
- B. 20
- C. 28
- D. 8



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 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.** **(3.NF.A.3c)** 6 thirds means $6 \div 3 = 2$ wholes. The bar shows two whole units.
- 2) **Choice B is correct.** **(3.MD.C.5a)** A unit square by definition has side length 1 unit. In centimeters, that is 1 cm by 1 cm, giving area $1 \text{ cm} \times 1 \text{ cm} = 1$ square cm.
- 3) **The correct answer is 4 : 13.** **(3.MD.A.1)** $4 : 52 - 39$ minutes is 4 : 13.
- 4) **Choice A is correct.** **(3.NBT.A.1)** When rounding to the nearest 10, we look at the ones digit to decide if we round up or down. The ones digit is 5, so 45 rounds to 50.
- 5) **Choice D is correct.** **(3.OA.A.1)** 5 shelves with 8 boxes each means 5 groups of 8. So $5 \times 8 = 40$ boxes.
- 6) **Choice B is correct.** **(3.MD.C.7c)** Top part: $6 \times 3 = 18$. Bottom part: $6 \times 2 = 12$. Add the areas: $18 + 12 = 30$ square units.
- 7) **Choice A is correct.** **(3.NF.A.3)** $\frac{2}{3}$ and $\frac{4}{6}$ represent the same amount. Both show two-thirds.
- 8) **Choice C is correct.** **(3.OA.D.9)** An even number times any other whole number is always even, because the result is a multiple of 2.
- 9) **Choice B is correct.** **(3.MD.C.5)** Area is the space INSIDE a shape. Maria must count or multiply to find all the unit squares, not just the border. $5 \times 3 = 15$ square units.
- 10) **Choice C is correct.** **(3.NBT.A.3)** 2 rows of 50 squares = $2 \times 50 = 100$ squares. Multiply $2 \times 5 = 10$, then multiply by 10 to get 100.
- 11) **Choice B is correct.** **(3.MD.C.6)** $3 \times 5 = 15$ unit squares.
- 12) **The correct answer is 23 square feet.** **(3.MD.C.7d)** Rectangle 1: $7 \times 2 = 14$ sq ft. Rectangle 2: $3 \times 3 = 9$ sq ft. Total: $14 + 9 = 23$ sq ft.
- 13) **Choice D is correct.** **(3.OA.C.7)** $7 \times 5 = 35$. You can use the related division: $35 \div 5 = 7$.
- 14) **Choice A is correct.** **(3.NF.A.2a)** One of six equal parts is the unit fraction $\frac{1}{6}$.
- 15) **Choice D is correct.** **(3.NF.A.2)** $\frac{4}{4}$ means all 4 fourths. That is one whole, so the distance from 0 is 1.
- 16) **Choice D is correct.** **(3.OA.A.2)** The number line shows jumps of 2 from 0 to 10. There are 5 jumps, so it represents $10 \div 2 = 5$.
- 17) **Choices A and C are correct.** **(3.MD.C.5b)** Squares and rectangles with whole-number side lengths can be covered exactly by unit squares without gaps or overlaps (choices A and C). Shapes with curves, slants, or irregular edges would need partial squares.
- 18) **The correct answer is 35 square units.** **(3.MD.C.7a)** $5 \times 7 = 35$ square units. Count tiles in each row and multiply by number of rows.
- 19) **Choice C is correct.** **(3.MD.B.4)** Looking at the line plot, the mark at $13\frac{1}{2}$ has no X's above it, so there are no measurements at that height.
- 20) **Choice A is correct.** **(3.MD.C.7)** Area = $8 \times 1 = 8$ square yards.
- 21) **Choice D is correct.** **(3.OA.D.8)** Step 1: Total prizes: $3 \times 9 = 27$ prizes. Step 2: Give away: $27 - 10 = 17$ prizes left.
- 22) **Choice B is correct.** **(3.NF.A.3d)** Same numerator (4): four fourths equals one whole bar, while four eighths is only half the bar. Fourth is bigger piece than eighths, so $\frac{4}{4} > \frac{4}{8}$.
- 23) **Choice C is correct.** **(3.MD.A.2)** Divide: $2000 \div 250 = 8$ glasses.
- 24) **Choice D is correct.** **(3.OA.B.6)** $40 \div 5 = \square$ means $\square \times 5 = 40$. Since $8 \times 5 = 40$, the answer is 8.
- 25) **Choice D is correct.** **(3.OA.A.4)** Use the inverse: $8 \times 3 = 24$, so $24 \div 3 = 8$.
- 26) **Choice D is correct.** **(3.NF.A.3a)** $\frac{2}{3} = \frac{4}{6}$ because both represent two-thirds of the pizza.
- 27) **Choice C is correct.** **(3.NF.A.3b)** The denominator was multiplied by 2 (from 4 to 8). Multiply the numerator by 2: $3 \times 2 = 6$. So $\frac{3}{4} = \frac{6}{8}$.
- 28) **Choice D is correct.** **(3.OA.B.5)** $5 \times 6 = 30$ and $5 \times 3 = 15$, so $30 + 15 = 45$. Also $5 \times 9 = 45$.
- 29) **Choice A is correct.** **(3.NF.A.1)** Picture A shows a rectangle divided into 2 equal parts with 1 part shaded, which is $\frac{1}{2}$.



Hi, Hero!

◇ Once there was a Grade 3 student who took 5 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.

Jay Daie

Your Math Storyteller

Build Skills. Boost Confidence.

Excel in Grade 3 Math!

This book provides 5 full-length Grade 3 math practice tests that follow standards and help students achieve real results.



5 Full-Length Practice Tests

Realistic tests to build stamina and familiarity.



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- ✓ Geometry
- ✓ Perimeter, Area & Volume
- ✓ Time & Money
- ✓ Data & Graphs
- ✓ Word Problems
- ✓ And More!



Visit testinar.com/math3 for more Grade 3 math resources and practice materials!



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

$$\begin{array}{r} 36 \\ \div 4 = 9 \end{array}$$

$$\begin{array}{r} 452 \\ - 178 \\ \hline = 274 \end{array}$$



Everything Your Child Needs to Succeed in Grade 3 Math!



Perfect For:



Classroom Learning



Homework Support



Test Preparation



Extra Practice & Review