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10 South Carolina SC READY




GRADE 3

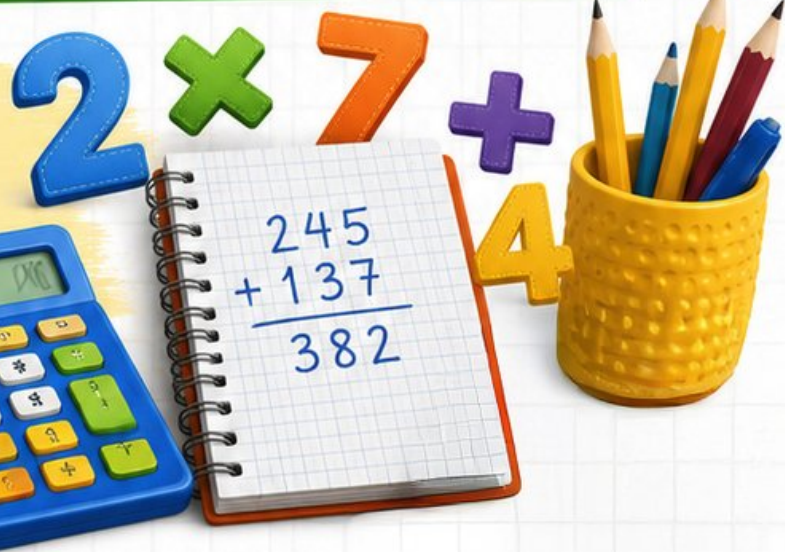
MATH



PRACTICE TESTS



- ✓ Complete Standards Review
 - ✓ Skill Practice
 - ✓ Word Problems and Answer Key
- 



★ ★ ★
**PREPARE
PRACTICE
SUCCEED!**
★ ★ ★

 Aligned to
Grade 3 Math
Standards

 Build Confidence
and Master
Math Skills

 Test-Taking
Practice for
Success

 Answer Key
for Easy
Review

10 South Carolina SC READY Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 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 3 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.

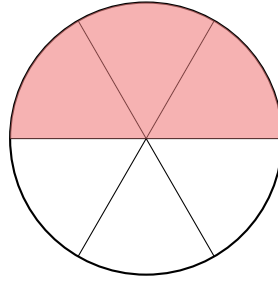


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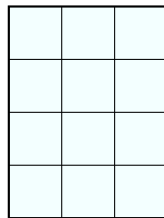
★ Practice Test 1	_____	14
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★ Practice Test 3	_____	40
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- 1) A circle is divided into 6 equal parts. Three parts are shaded. Which fraction shows the shaded part?



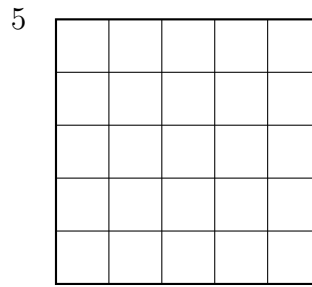
- A. $\frac{1}{6}$
 C. $\frac{3}{3}$
 B. $\frac{3}{6}$
 D. $\frac{2}{6}$
- 2) Ben draws two bars. Bar 1 is divided into 4 equal parts with 2 parts shaded. Bar 2 is divided into 8 equal parts with 4 parts shaded. The bars are the same length. Are the shaded regions the same size?

- A. No, Bar 1 is larger.
 C. No, Bar 2 is larger.
 B. Cannot tell without measuring.
 D. Yes, they are the same size.
- 3) What whole number is equal to $\frac{4}{4}$?
- A. 1
 C. 4
 B. 2
 D. 0
- 4) Ben counts unit squares to find the area of a shape. He counts 12 unit squares. What is the area?



- A. 6 square units
 C. 12 square units
 B. 10 square units
 D. 24 square units



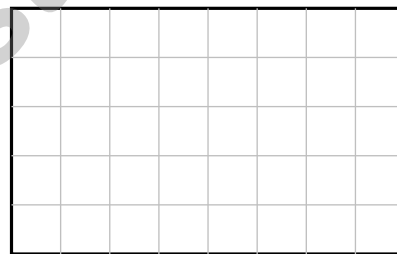


5)

This square is tiled with unit squares. How many are there?

 A. 10 C. 25 B. 20 D. 55

6) A number line from 0 to 1 is divided so the first tick is at $\frac{1}{3}$. How many equal parts are there in total?



7)

8 units

Count the unit squares. What is the area of the rectangle?

 A. 40 sq units C. 13 sq units B. 32 sq units D. 64 sq units

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5) What is the missing number? $500 - ? = 274$

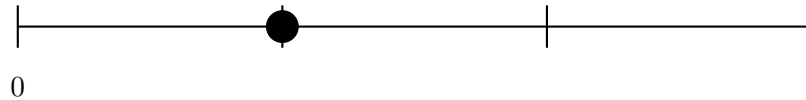
A. 226

C. 330

B. 274

D. 220

6) A number line shows 0 to 1 divided into 3 equal parts. What fraction is at the first tick?



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

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

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

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

7) Which fraction bar pair shows equivalent fractions (same shaded region size)?

Option 1: $\frac{2}{4}$

Option 2: $\frac{1}{2}$

A. The bars are not the same length.

C. No, Option 1 is larger.

B. No, Option 2 is larger.

D. Yes, they are equivalent.

8) Ben bought 3 packs of erasers. Each pack has 8 erasers. How many erasers did Ben buy?

A. $8 \times 3 = 24$

C. $3 \times 3 = 9$

B. $3 + 8 = 11$

D. $8 + 8 = 16$



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1) Complete the fact family:

$$5 \times 7 = 35 \quad 7 \times 5 = 35 \quad 35 \div 5 = \square \quad 35 \div 7 = \square$$

A. 7 and 5

C. 35 and 35

B. 5 and 7

D. 10 and 10

2) Mia has some coins. She splits them equally into 6 groups. Each group has 8 coins. How many coins did Mia have to start?

3) Lily multiplies: $7 \times 9 = 63$.

Both 7 and 9 are odd. Why is 63 also odd?

A. Because 7 and 9 are both greater than 5

C. Because 63 is less than 100

B. Because we added instead of multiplied

D. Because odd numbers times odd numbers always make odd

4) A large rectangle with total area 56 is split into two smaller rectangles. One is 7×6 with area 42. Using the distributive property with the shared dimension of 7, what is the area of the second rectangle?

A. 14

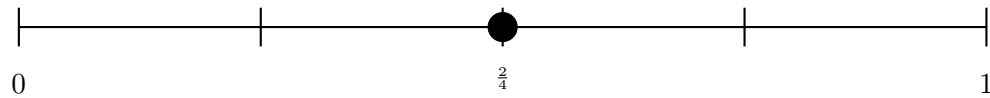
C. 7

B. 42

D. 8



- 5) On a number line from 0 to 1 with 4 equal parts, which pair names the same point?



- A. $\frac{2}{4}$ and $\frac{3}{4}$ C. $\frac{2}{4}$ and $\frac{2}{2}$
 B. $\frac{2}{4}$ and $\frac{1}{2}$ D. $\frac{2}{4}$ and $\frac{4}{4}$
- 6) Noah buys three items at the store. Tomatoes weigh 1 kg, bread weighs 600 g, and cheese weighs 400 g. What is the total mass in grams?

- A. 1000 g C. 2000 g
 B. 1600 g D. 2600 g
- 7) Noah knows that $7 \times 2 = 14$. What is 2×7 ?

- A. 9 C. 16
 B. 12 D. 14
- 8) Find $16 \div 2$.

- 9) Ben has a chocolate bar. He divides it into 3 equal pieces. What fraction is each piece?

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



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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 turns every missed item into useful practice.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice B is correct.** **(3.NR.2.1)** Three shaded parts out of six equal parts is $\frac{3}{6}$.
- 2) **Choice D is correct.** **(3.NR.2.5)** $\frac{2}{4}$ and $\frac{4}{8}$ are equivalent because both show one-half of the bar shaded. When denominator doubles, the numerator also doubles to maintain the same-size region.
- 3) **Choice A is correct.** **(3.NR.2.3)** When numerator = denominator, you have all the parts of one whole. $\frac{4}{4}$ has 4 fourths, which makes 1 whole.
- 4) **Choice C is correct.** **(3.MGSR.1.1)** If a shape covers 12 unit squares, the area is 12 square units.
- 5) **Choice C is correct.** **(3.PAFR.2.4)** Square tiling: $5 \times 5 = 25$ square units.
- 6) **The correct answer is 3.** **(3.NR.2.1)** The denominator 3 tells us there are 3 equal parts total.
- 7) **Choice A is correct.** **(3.PAFR.2.2)** The grid has 8 columns and 5 rows. Area = $8 \times 5 = 40$ square units. You can also add: $8 + 8 + 8 + 8 + 8 = 40$ (five rows of eight).
- 8) **Choice C is correct.** **(3.MGSR.2.5)** Add: $5 + 2 = 7$ kg.
- 9) **Choice D is correct.** **(3.PAFR.2.1)** Multiply: 4 boxes \times 8 pens per box = 32 pens.
- 10) **Choice A is correct.** **(3.PAFR.2.4)** The distributive property lets us split 8 into 3 + 5 and add two smaller areas: $18 + 30 = 48$. This matches tiling the rectangle in two parts.
- 11) **Choice C is correct.** **(3.PAFR.1.2)** Multiply $7 \times 6 = 42$, then add one zero: $7 \times 60 = 420$.
- 12) **Choice C is correct.** **(3.MGSR.2.3)** $4 : 07 + 18 \text{ min} = 4 : 25 \text{ PM}$.
- 13) **The correct answer is 35 sq cm.** **(3.PAFR.2.1)** Area = length \times width, so $7 \times 5 = 35$ square centimeters.
- 14) **Choice B is correct.** **(3.DPSR.1.2)** $2 \times 10 = 20$ cars.
- 15) **Choice D is correct.** **(3.PAFR.2.4)** The picture shows 3 columns with 4 rectangles in each column. So $3 \times 4 = 12$ rectangles.
- 16) **Choices A and C are correct.** **(3.PAFR.1.3)** A: $48 \div 6 = 8$ and $8 \times 6 = 48$ match. B: $35 \div 7 = 5$, not 4. C: $56 \div 8 = 7$ and $7 \times 8 = 56$ match. D: $30 \div 5 = 6$ but $6 \times 5 = 30$, not 25. E: $45 \div 9 = 5$ but $5 \times 9 = 45$, not 40.
- 17) **Choice B is correct.** **(3.PAFR.2.1)** If $\square \div 5 = 8$, then to find the missing dividend, we use the inverse: $8 \times 5 = \square$. Since $8 \times 5 = 40$, the answer is 40. Options A and C are off-by-one products. Option D adds instead of multiplies.
- 18) **Choice C is correct.** **(3.NR.2.6)** The green dot is halfway between $\frac{1}{4}$ and $\frac{1}{2}$, so it is at $\frac{3}{8}$. This means $\frac{1}{4} < \frac{3}{8} < \frac{1}{2}$.
- 19) **Choice D is correct.** **(3.NR.2.1)** $16 \div 2 = 8$. The strawberries are shared equally between 2 bowls.
- 20) **Choice C is correct.** **(3.MGSR.1.1)** 6 units wide by 3 units tall: $6 \times 3 = 18$ square units.
- 21) **Choice A is correct.** **(3.NR.2.1)** The circle is divided into 6 equal parts. One part is shaded, so the shaded fraction is $\frac{1}{6}$ (one-sixth).
- 22) **Choice C is correct.** **(3.NR.1.4)** The ones digit is 8. Since $8 \geq 5$, round up: 608 rounds to 610.
- 23) **Choice C is correct.** **(3.PAFR.2.4)** Rectangle: $9 \times 1 = 9$ square inches. Square: $3 \times 3 = 9$ square inches. Shape doesn't matter; area is what counts.
- 24) **Choice D is correct.** **(3.PAFR.2.3)** Add 10 each time: $40 + 10 = 50$. This is skip counting by 10.
- 25) **Choice D is correct.** **(3.NR.2.4)** This number line has thirds (3 equal parts), so only fractions with denominator 3 or 1 are tick marks. $\frac{1}{4}$ would need 4 equal parts.
- 26) **Choice B is correct.** **(3.MGSR.2.4)** At least $6\frac{1}{4}$ means $6\frac{1}{4}$ and longer: $3 + 1 + 1 + 1 = 6$ ropes.
- 27) **Choice B is correct.** **(3.MGSR.1.1)** 8 rows \times 6 tiles per row = 48 square inches.
- 28) **Choice D is correct.** **(3.PAFR.1.3)** $4 \times 5 = 20$ and $4 \times 2 = 8$, so $20 + 8 = 28$. Also $4 \times 7 = 28$.
- 29) **Choice A is correct.** **(3.PAFR.2.3)** Ones: $0 - 6$ requires regrouping, so $10 - 6 = 4$. Tens: $3 - 8$ requires regrouping, so $13 - 8 = 5$ (after regrouping). Hundreds: $4 - 1 = 3$ (after regrouping). Answer: 354.
- 30) **The correct answer is $\frac{1}{2}$.** **(3.NR.2.6)** $\frac{3}{6} = \frac{1}{2}$.



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Hi, Math Builder!

◇ Through 10 practice tests, you built your math house brick by brick. The walls are strong. The roof is on. You are ready for anything test day brings. ◇

★ **Builders know:** good plans make strong houses. You learned to plan, then build. That helps with any problem. ★

Builder's Tools

- **Foundation:** ROCK SOLID. Math facts are in place.
- **Frame:** STRONG. You can break problems into parts.
- **Walls:** TIDY. Your work is neat and clear.
- **Roof:** DONE. You always answer the question.

Builder tip: on test day, build each answer like a tiny house. Read first. Plan next. Do the math. Then check!

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

Jay Daie

Your Math Builder

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