

5

Georgia

Milestones

GRADE 3

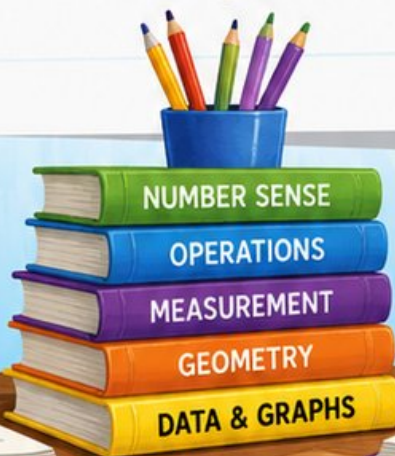
MATH

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 Georgia Milestones 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.

Jay Daie and Reza Nazari



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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 Georgia Milestones. Each checkpoint is a full 30-question test, so you can practice stamina, accuracy, and the habit of showing what you know.

Georgia has mountain paths, peach orchards, busy cities, and classrooms ready for strong effort. 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 Georgia 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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& answers

Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	39
★ Practice Test 4	_____	51
★ Practice Test 5	_____	64
Practice Test Answer Keys	_____	74
Practice Test Answers and Explanations	_____	78

1) Eli paints a rectangular wall. The wall is 8 feet wide and 3 feet tall. How many square feet does Eli paint?

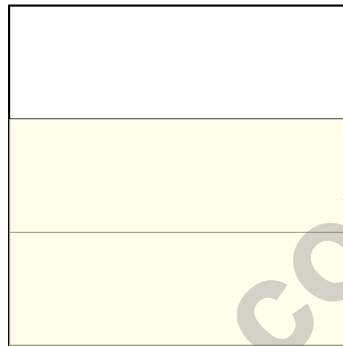
A. 24 sq ft

B. 16 sq ft

C. 11 sq ft

D. 32 sq ft

2) A square is divided into 3 equal parts. Sam colors $\frac{2}{3}$ of the square. How many parts does he color?



A. 1 part

B. 2 parts

C. 3 parts

D. 0 parts

3) What is $2 + 2 + 2 + 2 + 2$? What multiplication sentence matches this?

4) Which of these shows a complete fact family for 3, 7, and 21?

A. $3 \times 7 = 21$; $21 \div 3 = 7$

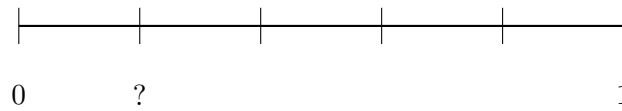
B. $7 - 3 = 4$; $21 \div 4 = 5$

C. $3 + 7 = 10$; $21 - 7 = 14$

D. $3 \times 7 = 21$; $7 \times 3 = 21$; $21 \div 3 = 7$;
 $21 \div 7 = 3$



- 11) A number line from 0 to 1 is divided into 5 equal parts. Which shows the unit fraction?



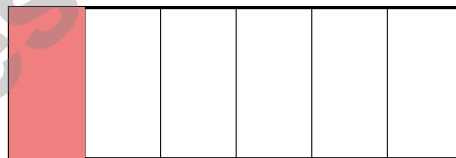
- A. $\frac{1}{5}$
 C. $\frac{1}{6}$
 B. $\frac{1}{4}$
 D. $\frac{2}{5}$

- 12) Look at this partial multiplication table. What number is missing?

×	6	7	8	9
5	30	35	40	45
6	36	42	48	?

What is 6×9 ?

- A. 48
 C. 54
 B. 52
 D. 56
- 13) Look at the rectangle below. It is divided into 6 equal parts, and one part is shaded.

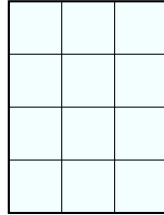


What fraction is shaded?

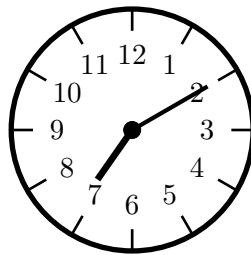
- A. $\frac{5}{6}$
 C. $\frac{6}{1}$
 B. $\frac{1}{6}$
 D. $\frac{1}{5}$



- 1) 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
- 2) A soccer team has 3 equal groups of players. There are 8 players in each group. How many players are on the team?
- A. 5 C. 11
 B. 16 D. 24
- 3) Can a rhombus be a square?
- A. No, they are completely different shapes C. Only if it has parallel sides
 B. Only if it is very small D. Yes, if it has 4 equal sides and 4 right angles
- 4) Mia draws a clock with the hour hand on 7 and the minute hand on 2. What time does Mia's clock show?



- A. 7 : 10 C. 2 : 35
 B. 7 : 12 D. 2 : 07



5) What is 7×9 ?

A. 56

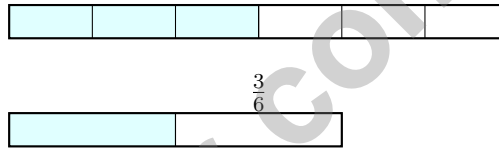
C. 70

B. 63

D. 81

6) Which is greater: $\frac{2}{3}$ or $\frac{2}{6}$?

7) Find a fraction equivalent to $\frac{3}{6}$. Look at the bars.



A. $\frac{2}{5}$

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

B. $\frac{1}{2}$

D. $\frac{2}{6}$

8) Two rectangles are shown. Rectangle A: length 6, width 3. Rectangle B: length 5, width 4. Which has the larger area?

A. Rectangle A

D. Cannot tell from the information given

B. Rectangle B

C. They are equal

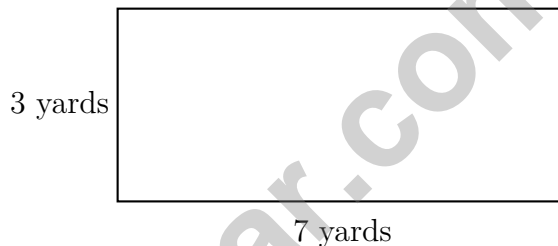


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1) A classroom has 5 shelves of puzzle boxes. Each shelf has 8 boxes. How many puzzle boxes are there?

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

2) A store has 520 apples. It sells 186 apples. How many apples are left?

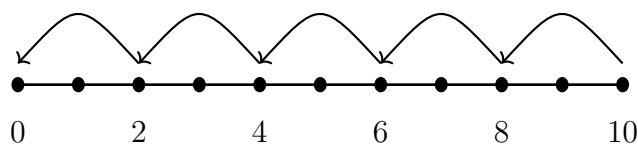


3)

A rectangular garden plot is 7 yards long and 3 yards wide. What is the area?

- A. 10 sq yd C. 20 sq yd
 B. 21 sq yd D. 42 sq yd

4) 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. $2 \times 5 = 10$

- 5) A number line from 0 to 1 is split into 4 equal parts. What is the length of each part?



- 6) A T-shaped figure is divided by dashed lines into three rectangles. The given areas are 10 sq units, 6 sq units, and 6 sq units. What is the total area?

- A. 10 sq units C. 16 sq units
 B. 22 sq units D. 360 sq units
- 7) Which number rounds to 400 when rounded to the nearest 100?

- A. 349 C. 449
 B. 345 D. 451

- 8) A number line shows times. What is the time at the middle mark?



- A. 5 : 20 PM C. 5 : 30 PM
 B. 5 : 25 PM D. 5 : 35 PM
- 9) A picture graph shows toys. Rio has 8 symbols (scale: 3 toys per symbol). Alex has 5 symbols (scale: 3 toys per symbol). How many fewer toys does Alex have than Rio?

- A. 3 C. 9
 B. 6 D. 12



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& answers

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 A is correct.** **(3.MD.C.7)** Area = $8 \times 3 = 24$ square feet.
- 2) **Choice B is correct.** **(3.G.A.2)** $\frac{2}{3}$ of a square divided into 3 parts means coloring 2 parts.
- 3) **The correct answer is 10.** **(3.OA.A.1)** The addition has five groups of 2 added together. So $2+2+2+2+2 = 5 \times 2 = 10$.
- 4) **Choice D is correct.** **(3.OA.B.6)** A complete fact family has two multiplication facts and two division facts. All four link the same three numbers.
- 5) **Choice C is correct.** **(3.MD.C.5b)** $6 \times 6 = 36$ unit square stones.
- 6) **Choice B is correct.** **(3.NF.A.3)** $\frac{1}{2}$ and $\frac{4}{8}$ both equal half of a whole.
- 7) **Choice B is correct.** **(3.NF.A.3d)** With the same numerator, a LARGER denominator means SMALLER pieces. So $\frac{4}{8} < \frac{4}{6}$, not greater.
- 8) **Choice A is correct.** **(3.NBT.A.1)** The tens digit is 3. Since $3 < 5$, round down: 137 rounds to 100.
- 9) **Choice A is correct.** **(3.MD.A.1)** From 6 : 15 PM to 8 : 15 PM is 2 hours. From 8 : 15 PM to 8 : 30 PM is 15 more minutes. Total: 2 hours 15 minutes. Distractor C adds incorrectly; B over-counts hours.
- 10) **The correct answer is 48.** **(3.OA.D.9)** The row for 6 increases by 6 each time because we multiply 6 by 1, 2, 3, 4, etc. So $6 + 6 = 12$, then $12 + 6 = 18$. The eighth product is 48, so $6 \times 8 = 48$.
- 11) **Choice A is correct.** **(3.NF.A.2a)** Five equal parts means each part is $\frac{1}{5}$.
- 12) **Choice C is correct.** **(3.OA.C.7)** Looking at the row for 6, the pattern continues: $6 \times 9 = 54$.
- 13) **Choice B is correct.** **(3.NF.A.1)** The rectangle is divided into 6 equal parts. One part is shaded, so the shaded fraction is $\frac{1}{6}$ (one-sixth).
- 14) **Choice C is correct.** **(3.MD.C.5)** Area is the space inside a shape (measured in square units). Perimeter is the distance around a shape (measured in regular units).
- 15) **Choices A and C are correct.** **(3.MD.C.5a)** Choice A is correct: a unit square has a side length of 1 unit. Choice C is correct: it is the building block for measuring area. Choice B is wrong (area is 1 square unit, not 2). Choice D is wrong (all sides are equal to 1 unit). Choice E is wrong (color is not part of the definition).
- 16) **Choice C is correct.** **(3.MD.C.7c)** Two equal rectangles each have area 14. Add the two parts: $14 + 14 = 28$ square units.
- 17) **Choice D is correct.** **(3.OA.B.5)** $5 \times 6 = 30$ and $5 \times 3 = 15$, so $30 + 15 = 45$. Also $5 \times 9 = 45$.
- 18) **Choice B is correct.** **(3.NF.A.2)** Both $\frac{2}{4}$ and $\frac{1}{2}$ name the same point, the middle of the number line from 0 to 1.
- 19) **Choice D is correct.** **(3.OA.A.2)** There are 2 people total. $16 \div 2 = 8$, so each person gets 8 cookies.
- 20) **The correct answer is 39 square meters.** **(3.MD.C.7d)** First rectangle: $6 \times 4 = 24$ sq m. Second rectangle: $5 \times 3 = 15$ sq m. Total: $24 + 15 = 39$ sq m.
- 21) **Choice D is correct.** **(3.OA.A.4)** Use the inverse: $6 \times 4 = 24$, so $24 \div 4 = 6$. Check: $24 \div 4 = 6$.
- 22) **Choice D is correct.** **(3.NF.A.3b)** $\frac{2}{4}$ equals $\frac{1}{2}$ (divide by 2). Choices A, B, and C are all equivalent to $\frac{1}{2}$. Only $\frac{2}{3}$ is different.
- 23) **Choice C is correct.** **(3.MD.A.2)** Add: $1000 + 800 = 1800$ g.
- 24) **Choice B is correct.** **(3.MD.B.3)** Read the height of each bar on the vertical axis by counting the grid lines.
- 25) **Choice B is correct.** **(3.OA.D.8)** Step 1: Find total bottles: $6 \times 9 = 54$ bottles. Step 2: Subtract: $54 - 15 = 39$ bottles left. (Choice D is step 1 only; choice C is incorrect.)
- 26) **Choice A is correct.** **(3.G.A.1)** In a square, all 4 sides are the same length. So the green sides and blue sides are all equal to each other.
- 27) **Choice B is correct.** **(3.NBT.A.3)** When we multiply 8×40 , we can break it down: $8 \times 40 = 8 \times (4 \times 10) = (8 \times 4) \times 10 = 32 \times 10 = 320$. The zero comes from multiplying by 10, not from the zero in "40".
- 28) **Choice A is correct.** **(3.NF.A.3c)** Any whole number with denominator 1 equals that number. $5 = \frac{5}{1}$. Check: (B) is all fifths, (C) is a unit fraction, (D) is not whole.
- 29) **Choice B is correct.** **(3.MD.B.4)** Count the X's directly above the 4-inch mark. There are three X's stacked there.



Hi, Math Inventor!

◇ 5 practice tests. 5 chances to invent new ways to think. You tried things. You changed them. You made your math brain stronger! ◇

★ **Inventors know:** the first try isn't always the best try. Sometimes you fix it. Sometimes you start over. You did all of that! ★

Inventor's Workshop

- **Sketch Pad:** Full of ideas!
- **Toolbox:** Lots of math strategies.
- **Workbench:** Neat and organized.
- **Brave Mind:** You try new things.

Inventor tip: on test day, if your first try doesn't work, switch tools. Inventors don't get stuck on one tool. Pick the right one for the job!

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

Jay Daie

Your Math Inventor

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.



Standards-Aligned Practice

Questions match Grade 3 math standards and key skills.



Answer Keys & Explanations

Detailed answers that show steps and clear reasoning.



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- ✓ Time & Money
- ✓ Data & Graphs
- ✓ Word Problems
- ✓ And More!



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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!



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Classroom
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Homework
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Test
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