

9

Florida

FAST

GRADE 5 MATHEMATICS PRACTICE TESTS

Full-Length Standards-Aligned Practice
for Strong Math Performance

$$A = l \times w$$

$$x^2 + 3x - 4 = 0$$

$$y = 2x + 1$$



9

**FULL-LENGTH
PRACTICE
TESTS**

$$2,345 \times 6 = 14,070$$



$$\frac{3}{4} + \frac{1}{8} = \frac{7}{8}$$

$$7.2 \div 0.8 = 9$$



$$(12 + 8) \div 4 = 5$$



Build Confidence



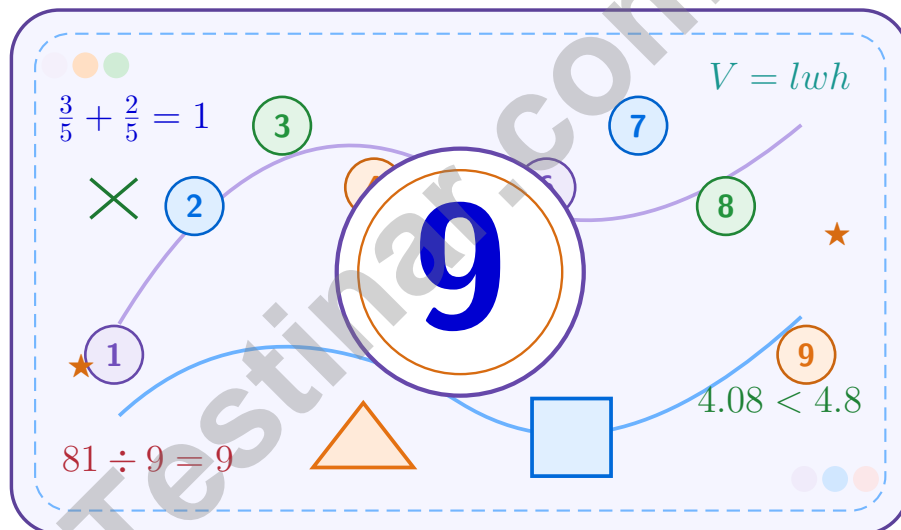
Improve Math Skills



Achieve Success

9 Florida FAST Grade 5 Math Practice Tests

*A nine-step confidence climb with clear review, smart strategy, and practice
that gets stronger every round*



Nine full tests, focused skill boosters, and student-friendly support from start to finish for Grade 5 mathematicians who want to climb higher.

Jay Daie and Reza Nazari



Copyright ©

Testinar Inc



Published by Testinar Inc

Testinar.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.



Copyright ©

Welcome to the Confidence Climb

This book is here to help you practice with purpose and rise step by step

To the Grade 5 Mathematician

This practice book is a place to think, try, fix, and grow. You do not have to be perfect on the first question or the first test. What matters most is careful effort, clear work, and learning from each round of practice.

Use these nine tests like stepping-stones. Take one test at a time, check your answers honestly, and notice which skills need more attention. Small improvements add up fast.

Try

Give each problem your best thinking.

Check

Study mistakes and learn what happened.

Rise

Bring that lesson into the next round.

A strong habit for every page: read carefully, estimate when it helps, show your steps, and keep going even when a question feels tricky. That is how steady math confidence is built.

How to Use This Book

A simple practice routine that turns nine tests into steady growth

A Nine-Session Climb Map

Session	Mission Focus
1	Take Test 1; review place value and operation slips.
2	Take Test 2; keep work neat and easy to read.
3	Take Test 3; give extra time to fractions and decimals.
4	Take Test 4; slow down on word problems and units.
5	Take Test 5; compare scores and habits with earlier rounds.
6	Take Test 6; notice which habits are now automatic.
7	Take Test 7; explain open-ended answers clearly.
8	Take Test 8; review topics that still need attention.
9	Take Test 9; finish with calm, careful, confident work.

Step 1: Warm Up

Start with the quick review.
Spend a few minutes refreshing the ideas before you start a test.

Step 2: Take the Test

Take one full practice test.
Work in a quiet space and let accuracy matter more than speed.

Step 3: Study the Pattern

Check your work honestly.
Circle missed questions and notice patterns in the mistakes.

Step 4: Learn, Then Retry

Read the explanation and try again.
Learning happens after the test too. Fixing mistakes is one of the smartest parts of practice.



Scan me

Test Overview

What this practice book helps students do

These practice tests are designed to help Grade 5 students get comfortable with the kind of thinking used on the Florida FAST. The goal is bigger than only getting answers right. Students are practicing how to read closely, choose a strategy, solve carefully, and explain their work when needed.

Selected-Response Questions

Students solve the problem and choose the best answer. Estimating first and crossing out weak choices can save time and points.

Constructed-Response Questions

Students show their thinking, steps, models, or explanations. Even when unsure, writing what they know can help organize the problem.

Grade 5 Skills You Will Practice Often

- place value, comparing numbers, and rounding
- multi-digit addition, subtraction, multiplication, and division
- fractions, decimals, and mixed numbers
- perimeter, area, volume, and measurement conversions
- coordinate points, patterns, graphs, and tables
- geometry and multi-step word problems

What strong work looks like: the answer is correct, the steps are clear, the labels or units are included, and the final result makes sense.



Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	30
★ Practice Test 3	_____	46
★ Practice Test 4	_____	60
★ Practice Test 5	_____	74
★ Practice Test 6	_____	88
★ Practice Test 7	_____	103
★ Practice Test 8	_____	118
★ Practice Test 9	_____	133
Practice Test Answer Keys	_____	146
Practice Test Answers and Explanations	_____	152

Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle $P = 2l + 2w$ or $P = 2(l + w)$

Area of Rectangle $A = l \times w$

Area of Triangle $A = \frac{1}{2} \times b \times h$

Volume of Rectangular Prism $V = l \times w \times h$

LENGTH

Customary

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in.)

Metric

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

1 kilometer (km) = 1,000 meters (m)

CAPACITY

Customary

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups (c)

1 quart (qt) = 2 pints (pt)

1 gallon (gal) = 4 quarts (qt)

Metric

1 liter (L) = 1,000 milliliters (mL)

WEIGHT AND MASS

Customary

1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)

1 gram (g) = 1,000 milligrams (mg)

TIME

1 minute (min) = 60 seconds (sec) 1 week = 7 days

1 hour (hr) = 60 minutes (min) 1 year = 12 months

1 day = 24 hours (hr) 1 year = 52 weeks



Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle $P = 2l + 2w$ or $P = 2(l + w)$

Area of Rectangle $A = l \times w$

Area of Triangle $A = \frac{1}{2} \times b \times h$

Volume of Rectangular Prism $V = l \times w \times h$

LENGTH

Customary

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in.)

Metric

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

1 kilometer (km) = 1,000 meters (m)

CAPACITY

Customary

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups (c)

1 quart (qt) = 2 pints (pt)

1 gallon (gal) = 4 quarts (qt)

Metric

1 liter (L) = 1,000 milliliters (mL)

WEIGHT AND MASS

Customary

1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)

1 gram (g) = 1,000 milligrams (mg)

TIME

1 minute (min) = 60 seconds (sec) 1 week = 7 days

1 hour (hr) = 60 minutes (min) 1 year = 12 months

1 day = 24 hours (hr) 1 year = 52 weeks



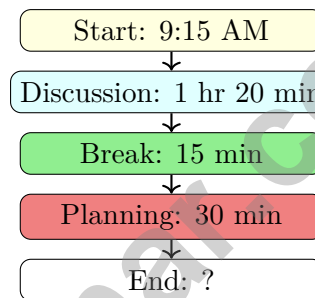
1) Which statement correctly compares 10^6 and 10^4 ?

- A. 10^6 is 10 times as large as 10^4 . C. 10^6 is 1,000 times as large as 10^4 .
 B. 10^6 is the same value as 10^4 . D. 10^6 is 100 times as large as 10^4 .

2) What is 2.8 liters in milliliters?

- A. 280 mL C. 28,000 mL
 B. 2,800 mL D. 280,000 mL

3) A meeting starts at 9:15 AM. It includes 1 hour 20 minutes of discussion, a 15-minute break, and 30 minutes of planning. What time does it end?



- A. 11:00 AM C. 11:20 AM
 B. 11:05 AM D. 11:30 AM

4) A car uses 0.08 gallons of gas per mile. How many gallons does it use over 145 miles?

Record your answer in the space provided.



Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle $P = 2l + 2w$ or $P = 2(l + w)$

Area of Rectangle $A = l \times w$

Area of Triangle $A = \frac{1}{2} \times b \times h$

Volume of Rectangular Prism $V = l \times w \times h$

LENGTH

Customary

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in.)

Metric

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

1 kilometer (km) = 1,000 meters (m)

CAPACITY

Customary

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups (c)

1 quart (qt) = 2 pints (pt)

1 gallon (gal) = 4 quarts (qt)

Metric

1 liter (L) = 1,000 milliliters (mL)

WEIGHT AND MASS

Customary

1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)

1 gram (g) = 1,000 milligrams (mg)

TIME

1 minute (min) = 60 seconds (sec) 1 week = 7 days

1 hour (hr) = 60 minutes (min) 1 year = 12 months

1 day = 24 hours (hr) 1 year = 52 weeks



- 1) One tenth of a poster is shared equally by 2 students. Which division equation finds each share?
- A. $\frac{1}{10} \div 2 = n$ C. $\frac{1}{10} \times 2 = n$
 B. $2 \div \frac{1}{10} = n$ D. $2 + \frac{1}{10} = n$
- 2) A student walks 0.6 kilometers to school every day. How far does the student walk in 5 school days?
- A. 2.5 km C. 3.0 km
 B. 3.5 km D. 4.0 km
- 3) Which factor makes $12 \times \text{factor} < 12$ true?
- A. 1 C. $\frac{9}{10}$
 B. $1\frac{1}{10}$ D. $\frac{3}{2}$
- 4) Which pair of decimals is equivalent?
- A. 0.4 and 0.04 C. 0.6 and 0.06
 B. 0.5 and 0.05 D. 0.8 and 0.80
- 5) Evaluate: $(5 + 3) \times (7 - 4)$
- A. 16 C. 24
 B. 22 D. 26
- 6) A composite bookcase base is made from two non-overlapping rectangular prisms. Prism A is 4 feet long, 2 feet wide, and 5 feet tall. Prism B is 3 feet long, 5 feet wide, and 3 feet tall. What is the total volume?
- A. 40 cubic feet C. 85 cubic feet
 B. 45 cubic feet D. 93 cubic feet



Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle $P = 2l + 2w$ or $P = 2(l + w)$

Area of Rectangle $A = l \times w$

Area of Triangle $A = \frac{1}{2} \times b \times h$

Volume of Rectangular Prism $V = l \times w \times h$

LENGTH

Customary

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in.)

Metric

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

1 kilometer (km) = 1,000 meters (m)

CAPACITY

Customary

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups (c)

1 quart (qt) = 2 pints (pt)

1 gallon (gal) = 4 quarts (qt)

Metric

1 liter (L) = 1,000 milliliters (mL)

WEIGHT AND MASS

Customary

1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)

1 gram (g) = 1,000 milligrams (mg)

TIME

1 minute (min) = 60 seconds (sec) 1 week = 7 days

1 hour (hr) = 60 minutes (min) 1 year = 12 months

1 day = 24 hours (hr) 1 year = 52 weeks



1) What is 213×3 ?

A. 609

C. 629

B. 619

D. 639

2) Write the decimal for “twelve and nine thousandths”.

Record your answer in the space provided.

3) Which statement is true?

A. $3,200 \div 10 = 32$

C. $3,200 \div 1,000 = 32$

B. $3,200 \div 100 = 3,200$

D. $3,200 \div 100 = 32$

4) A recipe calls for $1\frac{1}{2}$ cups of flour. If you triple the recipe, how many cups do you need?

A. 5

C. 4

B. 6

D. $4\frac{1}{2}$

5) A movie theater sells 1,080 tickets over 15 days. If sales are equal each day, how many tickets per day?

A. 70

C. 75

B. 72

D. 80

6) Compare without calculating: 3×25 3×27

A. $>$

C. $=$

B. $<$

D. Cannot tell



Practice Test Answer Keys

How to use this section:

1. check your answer
2. circle missed questions
3. rework them before reading the explanation

Good correction habits build strong Florida scores.

Testinar.com



Scan me

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice D is correct.** (MA.5.GR.3.3) One box has volume $5 \times 3 \times 2 = 30$ cubic feet. There are 4 boxes, so $30 \times 4 = 120$ cubic feet.
- Choice B is correct.** (MA.5.GR.3.3) The number line shows the dot positioned at $\frac{2}{5}$ (two-fifths of the way from 0 to 1).
- Choice D is correct.** (MA.5.AR.1.3) Start with one unit fraction, $\frac{1}{4}$, and share it into 3 equal parts. Each part is $\frac{1}{4} \div 3 = \frac{1}{12}$ of the whole.
- Choice D is correct.** (MA.5.FR.2.3) Dividing by 100: $18.4 \div 100 = 0.184$ liters per bottle.
- Choice C is correct.** (MA.5.FR.2.3) The base is $4 \times 3 = 12$ square feet. With a depth of 2 feet, the volume is $12 \times 2 = 24$ cubic feet.
- Choice C is correct.** (MA.5.GR.3.1) From the table: $\frac{1}{3} < 1$ gives $4 < 12$ (shrinks), 1 gives $12 = 12$ (unchanged), and $\frac{5}{4} > 1$ gives $15 > 12$ (grows).
- Choice C is correct.** (MA.5.FR.2.3) To multiply fractions, multiply the numerators and multiply the denominators: $\frac{1}{3} \times \frac{2}{5} = \frac{1 \times 2}{3 \times 5} = \frac{2}{15}$.
- Choice C is correct.** (MA.5.GR.2.1) The model shows $\frac{2}{3}$ of the columns and $\frac{1}{4}$ of the rows overlapping, so it represents $\frac{2}{3} \times \frac{1}{4}$.
- Choice C is correct.** (MA.5.GR.3.1) Each layer has $6 \times 6 = 36$ unit cubes. With 6 layers, the cube has $36 \times 6 = 216$ unit cubes.
- Choice A is correct.** (MA.5.AR.1.2) Orange and apple: $\frac{3}{5} + \frac{1}{4} = \frac{12}{20} + \frac{5}{20} = \frac{17}{20}$. Water: $1 - \frac{17}{20} = \frac{3}{20}$.
- Choice D is correct.** (MA.5.GR.3.2) Find each part first: Prism A is $7 \times 4 \times 6 = 168$ cubic meters, and Prism B is $6 \times 2 \times 2 = 24$ cubic meters. Because the parts do not overlap, add them: $168 + 24 = 192$ cubic meters.
- Choice B is correct.** (MA.5.GR.1.2) A rectangle has 4 sides and 4 right angles, so it has both properties.
- The correct answer is (4, 2).** (MA.5.GR.4.1) Moving 4 units right gives an x -coordinate of 4. Moving 2 units up gives a y -coordinate of 2, so the point is (4, 2).
- Choice D is correct.** (MA.5.GR.4.1) Round 312 to 300. Then $300 \times 8 = 2,400$.
- The correct answer is 34000.** (MA.5.NSO.2.2) $10^3 = 1,000$, and multiplying by 1,000 attaches three zeros: 34,000.
- Choice A is correct.** (MA.5.FR.2.3) To find the missing number, divide: $3.7 \div 100 = 0.037$.
- The correct answer is $\frac{1}{4}$.** (MA.5.FR.2.3) $\frac{2}{3} = \frac{8}{12}$. Difference: $\frac{3}{12} = \frac{1}{4}$.
- Choice D is correct.** (MA.5.FR.2.1) 1 tablespoon has 3 marks, $\frac{1}{2}$ has 1 mark. Difference: $3 - 1 = 2$.
- Choice D is correct.** (MA.5.FR.2.1) Same denominator: subtract whole numbers $5 - 2 = 3$ and fractions $\frac{3}{8} - \frac{1}{8} = \frac{2}{8}$. Answer: $3\frac{2}{8}$.
- Choices A, B are correct.** (MA.5.FR.2.1) A is true because 3 copies of (6 + 4) can be written as 2 copies plus 1 more copy. B is true because 10 groups of 7 are greater than 10 groups of 7 - 1. C adds an extra 9, and D leaves out one group of 5.
- Choice D is correct.** (MA.5.GR.4.2) The first three points have second coordinates 3 more than the first. For (4, 8), $4 + 3 = 7$, not 8.
- Choice B is correct.** (MA.5.FR.2.3) Check the choices by multiplying. Since $3\frac{1}{4} \times 2 = 6\frac{1}{2}$, the missing factor is $3\frac{1}{4}$.
- The correct answer is $\frac{1}{20}$.** (MA.5.AR.1.3) $\frac{1}{5} \times \frac{1}{4} = \frac{1}{20}$.
- Choice A is correct.** (MA.5.AR.1.3) Do the grouped and multiplication parts first: $9 \times 2 = 18$, $10 - 3 = 7$, and $7 \times 3 = 21$. Then $18 + 21 = 39$.
- Choice C is correct.** (MA.5.AR.2.2) Multiples of 9: 9, 18, 27, ... Multiples of 3: 3, 6, 9, ... The LCD is 9.
- Choice D is correct.** (MA.5.FR.2.1) The x -coordinate represents hours studied (5 hours) and the y -coordinate represents the test score (85 points). So the point (5, 85) means a student studied for 5 hours and earned a score of 85.
- Choice A is correct.** (MA.5.NSO.2.3) Hundredths: $4 + 8 = 12$, so write 2 and regroup 1 tenth. Tenths: $3 + 6 + 1 = 10$, so the sum is 1.02.



Dear Hero of This Story,

◇ Once upon a time, there was a brave Grade 5 student who decided to take 9 practice tests. At first, the problems were tough. But the student kept showing up, kept trying, and kept learning. Slowly, the tough problems became easier. The student's confidence grew. By the time the 9th test was finished, that student had become the hero of their own math story. That student is you. ◇

★ **Storytellers know:** every great story has a hard middle. The hard middle is where the hero grows. You've lived your hard middle, and now your story is heading toward a strong ending: a confident test day. ★

Your Hero's Toolkit

- **Brave Heart:** You face hard problems instead of running.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check your work.
- **Kind Spirit:** You're patient with yourself when you make mistakes.

Storyteller's tip: when you sit down on test day, remember the hero you've become. The chapters before this moment have made you stronger. Now, write your best chapter yet.

If you'd like to share your experience or have questions, please email me at reza@testinar.com. I'd love to hear from you!

Reza Nazari & Jay Daie

Your Math Storyteller (The Best Pages Are Ahead)

PRACTICE MORE. ACHIEVE MORE.

Give your child the edge they need to excel in **Grade 5 Math!** This book includes **9 full-length** practice tests designed to build confidence, sharpen skills, and improve test performance.

9

**FULL-LENGTH
PRACTICE
TESTS**

- ✓ Realistic.
- ✓ Rigorous.
- ✓ Results-Driven.

More practice today for a **stronger** tomorrow.



THIS BOOK HELPS YOUR CHILD:



Build Confidence

Familiar, focused practice reduces anxiety and boosts self-belief.



Strengthen Skills

Reinforces key math concepts through high-quality, standards-aligned questions.



Improve Test Readiness

Full-length tests help students understand test format, pacing, and question types.



Track Progress

Identify strengths and target areas with purposeful practice.



Achieve Success

Better preparation leads to higher scores and bright futures.

COVERS ALL ESSENTIAL TOPICS

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



Visit testinar.com/math5

for more Grade 5 math resources and practice materials!



Aligned to Standards



Created by Educators



Trusted by Parents & Teachers