

6

Florida FAST

GRADE 5 MATH

PRACTICE TESTS

Complete Standards-Based Practice
— for Grade 5 Math Success —



**6 FULL-LENGTH
PRACTICE TESTS**

Realistic style questions



**STANDARDS-BASED
PRACTICE**

Covers all Grade 5
Math standards



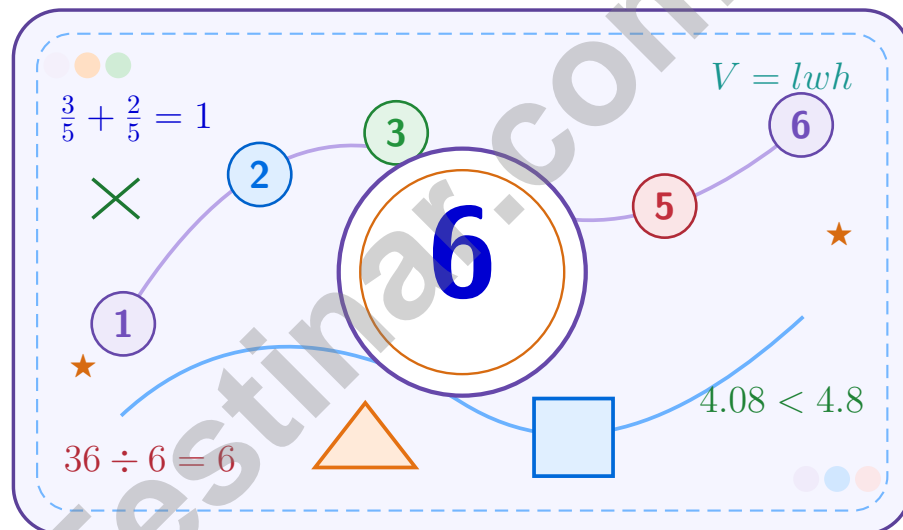
**BUILD CONFIDENCE.
IMPROVE SCORES.**

Target weak areas and
achieve success

★ STRONG PRACTICE. BRIGHT FUTURE. ★

6 Florida FAST Grade 5 Math Practice Tests

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



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

Jay Daie and Reza Nazari



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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 six 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 six tests into steady growth

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.

A Six-Week Climb Map

Week	Mission Focus
Week 1	Take Test 1 and review any place-value or operation slips.
Week 2	Take Test 2 and focus on showing neat, easy-to-read work.
Week 3	Take Test 3 and give extra time to fractions or decimals if needed.
Week 4	Take Test 4 and slow down on word problems and units.
Week 5	Take Test 5 and compare your score and habits with earlier rounds.
Week 6	Take Test 6 and finish with calm, careful, confident work that uses everything you practiced before.



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	_____	32
★ Practice Test 3	_____	48
★ Practice Test 4	_____	63
★ Practice Test 5	_____	80
★ Practice Test 6	_____	96
Practice Test Answer Keys	_____	111
Practice Test Answers and Explanations	_____	115

Grade 5 Mathematics

1

Questions: 40 Duration: No time limit

Calculator Policy: Calculators are not allowed



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)

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TIME

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

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

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1) Convert 2,000 centimeters to meters.

A. 2 m

C. 200 m

B. 20 m

D. 2,000 m

2) A $\frac{1}{2}$ -pound block of cheese is divided into 4 equal portions. How heavy is each portion?

Record your answer in the space provided.

3) In the quadrilateral hierarchy, a square is always what special type of quadrilateral with four right angles?

Record your answer in the space provided.

4) Tamara runs $\frac{3}{4}$ of a 12-mile trail. Does she run more or less than 12 miles?

A. More than 12 miles

C. Exactly 12 miles

B. Less than 12 miles

D. Cannot be determined

5) A runner training for a race completed 8.75 miles. She plans to run 12.5 miles. How many miles are left?

A. 3.85 miles

C. 4.15 miles

B. 3.95 miles

D. 3.75 miles



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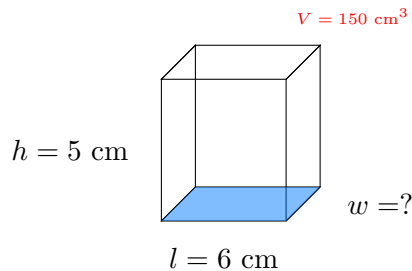
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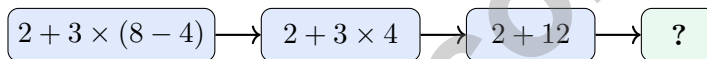


1)

Find the width.

- | | |
|----------------------------------|-----------------------------------|
| <input type="checkbox"/> A. 5 cm | <input type="checkbox"/> C. 25 cm |
| <input type="checkbox"/> B. 6 cm | <input type="checkbox"/> D. 30 cm |

2) The flow chart shows the steps of evaluating $2 + 3 \times (8 - 4)$. What goes in the last box?



- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> A. 10 | <input type="checkbox"/> C. 14 |
| <input type="checkbox"/> B. 12 | <input type="checkbox"/> D. 20 |

3) Find the product: 3.4×100 .

Record your answer in the space provided.

4) Tommy has $\frac{3}{4}$ gallon milk. Uses $\frac{1}{3}$ gallon for cereal. How much left?

- | | |
|---|---|
| <input type="checkbox"/> A. $\frac{9}{12}$ gallon | <input type="checkbox"/> C. $\frac{4}{7}$ gallon |
| <input type="checkbox"/> B. $\frac{2}{12}$ gallon | <input type="checkbox"/> D. $\frac{5}{12}$ gallon |



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1) Simplify before multiplying: $\frac{5}{10} \times \frac{2}{3}$. Which choice shows the product in simplest form?

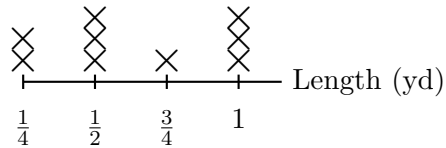
A. $\frac{10}{30}$

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

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

D. $\frac{5}{6}$

2) The line plot shows lengths of fabric strips, in yards:



What is the total length of the fabric strips shorter than 1 yard?

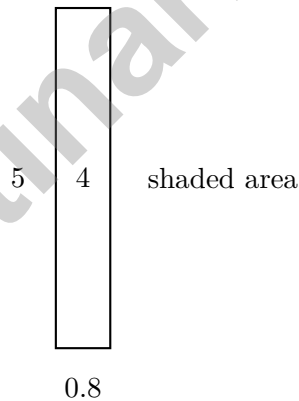
A. 2 yards

B. $2\frac{1}{4}$ yards

C. $2\frac{3}{4}$ yards

D. $3\frac{1}{4}$ yards

3) An area model shows 0.8×5 . What is the product?



A. 4

B. 4.2

C. 4.5

D. 5.8



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- 1) Which expression represents adding 7 to 4×9 ?
- A. $7 + 4 + 9$ C. $7 \times (4 + 9)$
 B. $4 \times 9 + 7$ D. $4 \times (9 + 7)$
- 2) Pattern 5, 10, 20, 40, 80, ... What is the 7th term?
- A. 160 C. 640
 B. 320 D. 1,280
- 3) Which pair of fractions already has a common denominator?
- A. $\frac{1}{6}$ and $\frac{5}{9}$ C. $\frac{2}{3}$ and $\frac{4}{5}$
 B. $\frac{1}{2}$ and $\frac{3}{7}$ D. $\frac{3}{8}$ and $\frac{7}{8}$
- 4) Which whole number divided by $\frac{1}{4}$ gives 28?
- A. 4 C. 14
 B. 7 D. 21
- 5) A fabric store has 40 yards of material. A customer buys $\frac{1}{5}$ of it. How many yards does the customer buy?
- A. 10 yards C. 40 yards
 B. 20 yards D. 8 yards
- 6) How many times larger is 10^5 than 10^3 ?
- A. 2 times C. 100 times
 B. 10 times D. 1000 times



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 scores.

Testinar.com



Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice B is correct.** **(MA.5.M.1.1)** $1 \text{ m} = 100 \text{ cm}$. Divide: $2000 \div 100 = 20 \text{ m}$.
- 2) **The correct answer is $\frac{1}{8}$.** **(MA.5.AR.1.3)** $\frac{1}{2} \div 4 = \frac{1}{8} \text{ lb}$. Each portion is a fair share of the half-pound block.
- 3) **The correct answer is rectangle.** **(MA.5.GR.1.2)** A square has all the properties of a rectangle: four right angles and two pairs of opposite sides that are parallel. A square is a special type of rectangle.
- 4) **Choice B is correct.** **(MA.5.FR.2.3)** $12 \times \frac{3}{4} = 9 \text{ miles}$. Since $\frac{3}{4} < 1$, the product is less than 12.
- 5) **Choice D is correct.** **(MA.5.NSO.2.3)** Line up decimal points and subtract place by place. $12.50 - 8.75 = 3.75 \text{ miles}$. This confirms the answer.
- 6) **Choice D is correct.** **(MA.5.GR.3.3)** The base area is $10 \times 5 = 50 \text{ square centimeters}$. Since $200 \div 50 = 4$, the height is 4 cm.
- 7) **Choice A is correct.** **(MA.5.GR.4.1)** Compare matching values: $3 = 3 \times 1$, $30 = 3 \times 10$, and $300 = 3 \times 100$. Pattern B is 3 times Pattern A.
- 8) **Choice C is correct.** **(MA.5.FR.2.3)** $5 \times 1\frac{1}{5} = 5 \times \frac{6}{5} = \frac{30}{5} = 6$.
- 9) **Choice B is correct.** **(MA.5.M.2.1)** Total used: $47.5 + 38.25 = 85.75 \text{ liters}$. Remaining: $150 - 85.75 = 64.25 \text{ liters}$.
- 10) **Choice D is correct.** **(MA.5.AR.2.1)** First translate “7 times 9” as 7×9 . Then “5 more than” means add 5 to that product.
- 11) **Choice B is correct.** **(MA.5.GR.1.2)** A square is a rectangle, a rhombus, and a parallelogram.
- 12) **Choice B is correct.** **(MA.5.FR.2.1)** Add wholes: $4 + 3 = 7$. Add fractions: $\frac{3}{5} + \frac{2}{5} = 1$. Total: 8.
- 13) **Choice B is correct.** **(MA.5.NSO.1.1)** In 2.518, the digit 5 is in the first place after the decimal point, which is the tenths place.
- 14) **Choice B is correct.** **(MA.5.FR.2.3)** $8 \times \frac{1}{2} = 4 \text{ units}$. Scaling by $\frac{1}{2}$ halves the length.
- 15) **Choice D is correct.** **(MA.5.FR.2.3)** $\frac{3}{10} \times 4 = \frac{12}{10} = 1\frac{1}{5}$ (simplified).
- 16) **Choice A is correct.** **(MA.5.FR.2.1)** The grid shows $\frac{3}{9}$ shaded. This simplifies to $\frac{1}{3}$ by dividing the numerator and denominator by 3.
- 17) **Choice C is correct.** **(MA.5.FR.2.3)** Dividing by a power of 10 shifts the value to a smaller place. $7,200 \div 100 = 72$ pencils per student. This confirms the answer.
- 18) **Choice C is correct.** **(MA.5.FR.2.2)** $\frac{1}{8}$ is close to 0, and $\frac{7}{8}$ is close to 1. So $\frac{1}{8} + \frac{7}{8} \approx 0 + 1 = 1$.
- 19) **Choices A, C are correct.** **(MA.5.AR.2.1)** A is true because $20 + 1$ creates one extra group of 5. C is true because $100 - 1$ creates one fewer group of 9 than 100 groups. B changes the grouping, and D is equal rather than greater.
- 20) **Choice D is correct.** **(MA.5.GR.3.1)** Each box: $8 \times 5 \times 3 = 120 \text{ cu. in.}$ Two boxes: $120 + 120 = 240 \text{ cu. in.}$
- 21) **Choice A is correct.** **(MA.5.AR.2.1)** Start with the difference $12 - 7$. “Double” means multiply that difference by 2, and “then add 3” puts +3 at the end.
- 22) **The correct answer is 20 pages.** **(MA.5.GR.4.2)** The x-coordinate shows minutes, and the y-coordinate shows pages. So (10, 20) means 10 minutes and 20 pages.
- 23) **The correct answer is (2, 6).** **(MA.5.GR.4.2)** The first pair is (0, 0). After one step, A is 2 and B is 6, giving (2, 6).
- 24) **Choice A is correct.** **(MA.5.GR.4.1)** If the y-coordinate is 0, the point is on the horizontal line (x-axis).
- 25) **Choice C is correct.** **(MA.5.GR.3.1)** Volume = $10 \times 8 \times 6 = 480 \text{ in}^3$.
- 26) **Choice B is correct.** **(MA.5.DP.1.1)** Longest is $\frac{5}{8}$, shortest is $\frac{1}{4}$. Difference: $\frac{5}{8} - \frac{1}{4} = \frac{5}{8} - \frac{2}{8} = \frac{3}{8}$.
- 27) **Choice C is correct.** **(MA.5.NSO.2.4)** The hundredths digit is 5. The thousandths digit is 6. Since $6 \geq 5$, round hundredths up: $5 \rightarrow 6$, giving 2.46 inches.
- 28) **Choice B is correct.** **(MA.5.GR.4.2)** Revenue = Quantity \times Price. So Price = $75 \div 5 = 15 \text{ dollars per item}$.
- 29) **Choice C is correct.** **(MA.5.NSO.2.2)** $624 \div 24 = 26$. Area model: $624 = 24 \times 26$. Check: $24 \times 26 = 624$.
- 30) **Choice B is correct.** **(MA.5.NSO.2.2)** Add the four partial products: $300 + 20 + 150 + 10 = 480$.
- 31) **Choice A is correct.** **(MA.5.GR.2.1)** $\frac{3}{5} \times \frac{3}{5} = \frac{9}{25}$. The overlap covers 9 squares out of 25 total.



Flight Log Entry

Hello, Ace Pilot!

★ Flight certification complete! You've successfully piloted through six complete training missions, navigating mathematical turbulence and landing solutions with expert precision like a certified pilot! Each test was a flight through different conditions, and you demonstrated excellent navigation skills, situational awareness, and steady control throughout. You're cleared for your important test day flight!

★

◇ **Here's what experienced pilots understand:** they complete hundreds of hours of flight training before flying solo. They practice procedures until they become automatic responses. You've logged those training hours through these six tests! Your mathematical flight skills have become so developed that you'll navigate test day smoothly and confidently! ◇

Pre-Flight Clearance Report

- **Navigation Systems:** All problem-solving instruments calibrated and functioning!
- **Weather Assessment:** You can handle any mathematical conditions that arise!
- **Emergency Procedures:** You know how to respond when encountering difficult questions!
- **Flight Approved:** Tower clears you for test day takeoff!

Remember this aviation principle: pilots stay calm because they trust their training. When you encounter turbulence on test day, remember your six training missions. You've already experienced challenging questions and navigated successfully through them. Use your instruments (strategies), trust your training, and fly confidently toward your destination!

Want to share flight logs or discuss interesting mathematical air traffic patterns? Send transmissions to reza@testinar.com. Your control tower is listening!

Reza Nazari & Jay Daie

Your Math Coaches for Building Stamina

6 FULL-LENGTH TESTS. ENDLESS POTENTIAL.

PRACTICE TODAY. SUCCEED TOMORROW.

Give your child the tools they need to build strong math skills and test-taking confidence! This book includes **6 full-length practice tests** along with standards-based practice, mixed review, word problems, and a complete answer key.

★★★
PRACTICE
WITH PURPOSE.
ACHIEVE WITH
CONFIDENCE.

WHAT'S INSIDE:



6 FULL-LENGTH PRACTICE TESTS

Realistic tests designed to reflect the actual test format and help build confidence.



STANDARDS-BASED PRACTICE

Covers all essential Grade 5 math standards with clear explanations and examples.



MIXED REVIEW

Reinforces key concepts with a variety of question types and review exercises.



WORD PROBLEMS

Build critical thinking and problem-solving skills with real-world scenarios.



COMPLETE ANSWER KEY

Step-by-step explanations for every question to support learning and growth.



IMPROVE. PRACTICE. ACHIEVE.

Consistent practice leads to stronger skills, higher scores, and greater success.



WHY PRACTICE MAKES A DIFFERENCE



BUILD CONFIDENCE

Feel prepared and ready for any challenge.



IMPROVE ACCURACY

Strengthen skills and reduce careless mistakes.



THINK STRATEGICALLY

Develop problem-solving skills and deepen understanding.



MANAGE TIME

Practice under timed conditions to build stamina.



STAY MOTIVATED

Track progress and celebrate every win.



ACHIEVE SUCCESS

Reach goals and unlock your full potential!



Visit testinar.com/math5

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Testinar

Smart Practice. Stronger Results.