



6

Mississippi

MAAP



GRADE 5

MATH

PRACTICE TESTS

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



$5^2 = 25$



**6 FULL-LENGTH
PRACTICE TESTS**
Realistic style questions



**STANDARDS-BASED
PRACTICE**
Covers all Grade 5
Math standards

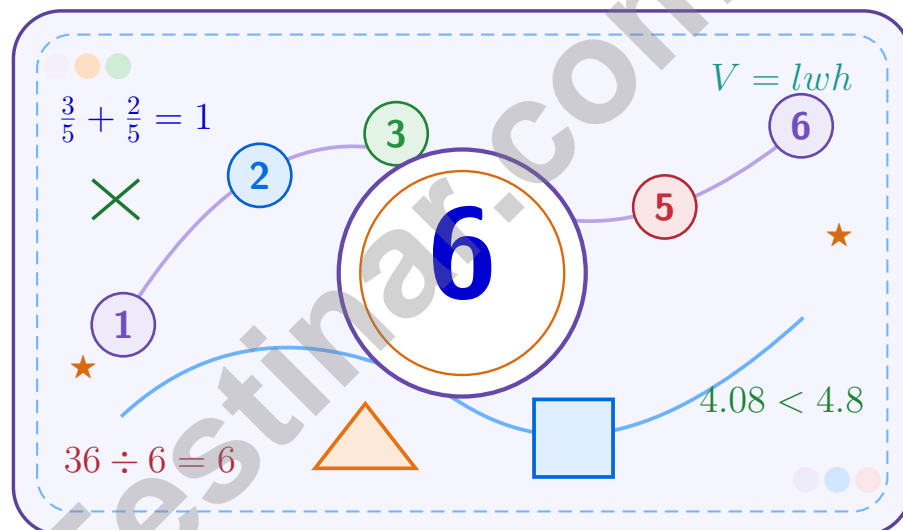


**BUILD CONFIDENCE.
IMPROVE SCORES.**
Target weak areas and
achieve success

★ STRONG PRACTICE. BRIGHT FUTURE. ★

6 Mississippi MAAP 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 Mississippi MAAP. 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.



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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)

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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

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



1) Tailor has two cloth pieces: $3\frac{2}{5}$ yd and $2\frac{3}{5}$ yd. Total?

A. 5 yd

B. 6 yd

C. $6\frac{1}{5}$ yd

D. $6\frac{3}{5}$ yd

2) Find: $945 \div 21$.

Record your answer in the space provided.

3) **Error Analysis:** A student says a box with volume 270 cm^3 , length 15 cm, and width 9 cm has height 3 cm. What is the correct height?

A. 2 cm

B. 3 cm

C. 4 cm

D. 5 cm

4) Which statement correctly classifies every square?

A. A square is both a rectangle and a rhombus.

B. A square is a pentagon but not a rectangle.

C. A square is a triangle with four equal sides.

D. A square has exactly one pair of perpendicular sides.

5) Find: $9.5 + 0.67 + 1.2$.

Record your answer in the space provided.



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1) A farmer has 5 equal bags of apples. Each bag contains $(8 - 3)$ apples. How many apples does the farmer have in total?

A. $5 \times 8 - 3$

B. $5 \times (8 - 3)$

C. $(5 + 8) - 3$

D. $5 + 8 - 3$

2) You multiply a decimal by 10. What happens to the decimal point?

 A. It moves 1 place to the left B. It moves 1 place to the right C. It stays in the same place D. It disappears

3) A solid is built with 5 equal layers. Each layer has 12 unit cubes. What is the total volume?

Record your answer in the space provided.

4) Two recipes use different fractions: $\frac{3}{8}$ cup and $\frac{2}{6}$ cup of sugar. Rewrite both with a common denominator.

A. $\frac{9}{24}$ and $\frac{8}{24}$

B. $\frac{6}{16}$ and $\frac{4}{16}$

C. $\frac{12}{24}$ and $\frac{6}{24}$

D. $\frac{18}{48}$ and $\frac{16}{48}$



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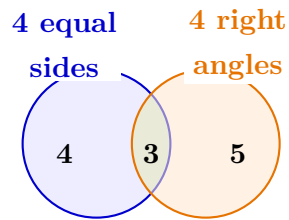
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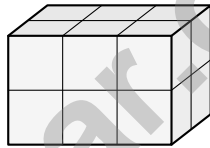
1 day = 24 hours (hr) 1 year = 52 weeks



- 1) A Venn diagram has circles for “4 equal sides” and “4 right angles.” There are 4 rhombuses that are not squares, 5 rectangles that are not squares, and 3 squares. How many figures have 4 equal sides?



- A. 7
- B. 8
- C. 12
- D. 3
- 2) A rectangular prism is 3 units long, 2 units wide, and 2 units tall. How many unit cubes fit inside it?



- A. 7 unit cubes
- B. 12 unit cubes
- C. 10 unit cubes
- D. 8 unit cubes



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1) Money amounts on a receipt:

Item	Price
Toy	\$4.56
Book	\$3.28
Total	?

What is the total?

A. \$7.74

C. \$7.94

B. \$8.84

D. \$7.84

2) A small display box measures 12 centimeters long, 7 centimeters wide, and 5 centimeters tall. What is its volume?

A. 420 cubic centimeters

C. 60 cubic centimeters

B. 84 cubic centimeters

D. 35 cubic centimeters

3) Which student found the correct answer to $5,200 \div 100$?

Student	Answer
Marcus	520
Jenna	52
Kevin	5.2
Aisha	5,200

A. Marcus

C. Kevin

B. Jenna

D. Aisha



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.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice B is correct.** (5.NF.1) Add: $3\frac{2}{5} + 2\frac{3}{5} = 5\frac{5}{5} = 6$ yd.
- 2) **The correct answer is 45.** (5.NBT.6) $21 \times 40 = 840$, leaving 105. $105 \div 21 = 5$. Quotient: $40 + 5 = 45$.
- 3) **Choice A is correct.** (5.MD.5) Check the student's height: $15 \times 9 \times 3 = 405$, not 270. The base area is $15 \times 9 = 135$ square centimeters, and $270 \div 135 = 2$, so the correct height is 2 cm.
- 4) **Choice A is correct.** (5.G.3) A square has 4 right angles, so it fits the definition of a rectangle. It also has 4 equal sides, so it fits the definition of a rhombus.
- 5) **The correct answer is 11.37.** (5.NBT.7) Write each to two decimals: $9.50 + 0.67 + 1.20 = 11.37$.
- 6) **Choice D is correct.** (5.NBT.2) To find the missing factor: $54000 \div 1000 = 54$.
- 7) **Choice A is correct.** (5.G.1) If the y-coordinate is 0, the point is on the horizontal line (x-axis).
- 8) **Choice B is correct.** (5.G.2) Days are on the x-axis (10) and dollars spent are on the y-axis (50). So \$50 was spent in 10 days.
- 9) **Choice D is correct.** (5.NF.6) $\frac{2}{5} \times \frac{3}{4} = \frac{6}{20}$, which simplifies to $\frac{3}{10}$ liter of sugar.
- 10) **Choice C is correct.** (5.OA.1) Simplify the parentheses first: $4 + 1 = 5$. Then evaluate inside the brackets: $6 \times 5 = 30$. Finally, $30 \div 2 = 15$.
- 11) **Choice C is correct.** (5.MD.2) Add the hours shown by the marks: $3(\frac{1}{2}) + 4(\frac{3}{4}) + 3(1) + 2(1\frac{1}{4}) = 10$ hours.
- 12) **Choice C is correct.** (5.NBT.1) In 9.634, the decimal part .634 is read as "634 thousandths," so the full number is "nine and six hundred thirty-four thousandths."
- 13) **Choice C is correct.** (5.MD.5a) Volume = base area \times height = $72 \times 5 = 360$ cm³.
- 14) **Choice A is correct.** (5.OA.2) The parentheses tell us to divide 6 by 2 first. Then the result is multiplied by 4, matching choice A.
- 15) **Choice B is correct.** (5.NF.5a) $30 \times \frac{2}{3} = 20$ feet. Since $\frac{2}{3} < 1$, the painted length is less than 30 feet.
- 16) **Choice A is correct.** (5.NF.5b) $2\frac{2}{5} = \frac{12}{5}$. Then $\frac{12}{5} \times 3 = \frac{36}{5} = 7\frac{1}{5}$.
- 17) **Choice A is correct.** (5.NBT.2) Write each value in standard form: 2,000,000, 2,200,000, and 2,500,000. Then order them from least to greatest.
- 18) **Choice D is correct.** (5.MD.1) 1 gallon = 4 quarts = 8 pints = 16 cups. So 3 gallons = $3 \times 16 = 48$ cups.
- 19) **Choice B is correct.** (5.G.2) When the input is 4, Rule A gives $2 \times 4 = 8$ and Rule B gives $4 \times 4 = 16$, so the ordered pairs are (4, 8) and (4, 16).
- 20) **Choice D is correct.** (5.NF.2) $4\frac{1}{12} \approx 4$. So $7 - 4\frac{1}{12} \approx 7 - 4 = 3$.
- 21) **Choices A, B are correct.** (5.NF.2) A is true because 12 is a common denominator. B is true because $\frac{10}{12} - \frac{3}{12} = \frac{7}{12}$. C and D subtract incorrectly.
- 22) **Choice B is correct.** (5.MD.2) Count the X marks above each shoe size. Size 3 has 4 X marks, which is more than any other size.
- 23) **The correct answer is $\frac{3}{8}$.** (5.NF.4b) Split into 4 columns and 2 rows = 8 parts; overlap is $3 \times 1 = 3$ parts: $\frac{3}{8}$.
- 24) **Choice A is correct.** (5.NF.1) $12 - 5 = 7$ and $\frac{10}{12} - \frac{8}{12} = \frac{2}{12} = \frac{1}{6}$. Result: $7\frac{1}{6}$.
- 25) **Choice C is correct.** (5.OA.2) The factors 4 and 2 combine to make 8. So $62 \times 4 \times 2$ has the same value as 62×8 .
- 26) **Choice C is correct.** (5.MD.1) Total miles: $2 + 1.5 = 3.5$. Convert to feet: $3.5 \times 5,280 = 18,480$ feet.
- 27) **Choice D is correct.** (5.NF.2) Check: $\frac{1}{2} = \frac{2}{4}$, $\frac{3}{6} = \frac{1}{2} = \frac{2}{4}$, $\frac{4}{8} = \frac{1}{2} = \frac{2}{4}$. But $\frac{3}{5} \neq \frac{2}{4}$.
- 28) **Choice C is correct.** (5.NBT.4) To round 3.765 to the nearest hundredth, look at the thousandths digit. It is 5, so the hundredths digit rounds up from 6 to 7, giving 3.77 m.
- 29) **The correct answer is (6, 4).** (5.G.2) Move 6 units right for the x-coordinate and 4 units up for the y-coordinate, so the ordered pair is (6, 4).
- 30) **Choice C is correct.** (5.NBT.2) Dividing by 1,000 moves the decimal three places left. From 320.0, that gives 0.32.
- 31) **Choice D is correct.** (5.NBT.3b) Compare the tenths place first: 0.25 has 2 tenths and 0.52 has 5 tenths. Since $5 > 2$, we know $0.52 > 0.25$.



Greetings, Star Navigator!

★ Stellar achievements unlocked! You've traversed six complete mathematical galaxies, calculating trajectories, solving cosmic puzzles, and navigating through challenging mathematical dimensions like an intergalactic explorer! Each test took you to new mathematical frontiers, and you charted your course with remarkable precision. Your navigation systems are fully calibrated and operational! ★

◇ **Here's what intergalactic navigators understand:** exploring unknown galaxies requires preparation, courage, and advanced navigation skills. They study star maps, practice emergency protocols, and trust their instruments completely. You've developed those same skills through these six test voyages! Your mathematical navigation systems are reliable and ready for any cosmic challenge! ◇

Spacecraft Systems Status

- **Navigation Computers:** All mathematical coordinates calculated accurately!
- **Life Support Systems:** Problem-solving stamina at maximum capacity!
- **Communication Array:** Clear understanding of all mathematical signals!
- **Mission Status:** Cleared for test day deep space exploration!

Interstellar travel wisdom: experienced navigators remain calm during meteor showers because they've trained for turbulence. When test day presents unexpected mathematical asteroids, remember your six training missions through different galaxies. You've already navigated successfully through diverse challenges. Trust your instruments, maintain your course, and reach your destination confidently!

Want to report discoveries from distant mathematical galaxies? Transmit your findings to reza@testinar.com. Command Center is receiving!

Reza Nazari & Jay Daie

Your Math Coaches for Big Confidence

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!



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Testinar

Smart Practice. Stronger Results.