

4

Mississippi



MAAP



GRADE 4

MATH

PRACTICE TESTS



5 FULL-LENGTH PRACTICE TESTS



STANDARDS-ALIGNED REVIEW



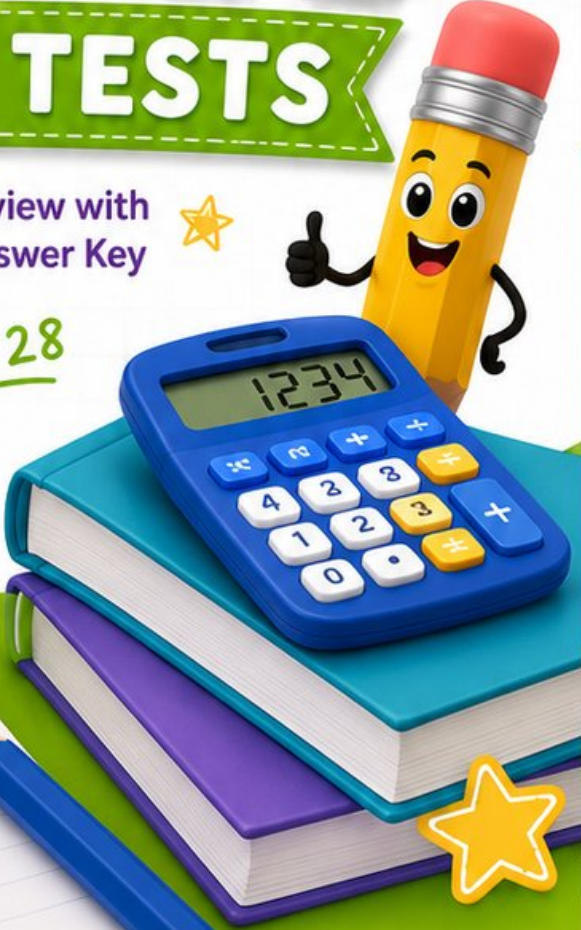
MIXED PRACTICE QUESTIONS



ANSWER KEY INCLUDED

★ Standards-Aligned Review with Mixed Practice and Answer Key ★

$4 \times 7 = 28$
 $36 \div 9 = 4$



4 Mississippi MAAP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Four focused 30-question missions for Grade 4 math: number facts, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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, Mississippi Math Explorer!

Four steady rounds on the Magnolia State math route

This book gives you four full Grade 4 practice tests for MAAP. Each round uses river stories, magnolia shade, and careful step writing to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Mississippi 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 Mississippi MAAP 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 Magnolia 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?

Four tests, 120 questions, and a full MAAP review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 2–4	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 2–4	Stamina rounds for mixed review, neat work, and flexible strategies.
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.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	27
★ Practice Test 3	_____	38
★ Practice Test 4	_____	49
Practice Test Answer Keys	_____	60
Practice Test Answers and Explanations	_____	63

 $\frac{4}{6}$ sugar $\frac{2}{6}$ flour

1)

A cake recipe uses $\frac{4}{6}$ cup of sugar and $\frac{2}{6}$ cup of flour. What is the total amount of sugar and flour combined?

A. $\frac{6}{6}$

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

B. $\frac{6}{12}$

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

2) A toy costs \$15. If Maya buys 5 toys, how much money does she spend in total?

3) Noah has 7 crayons. His sister has 2 times as many crayons as Noah. How many crayons does his sister have?

A. 9

C. 16

B. 21

D. 14

4) Which pattern shows only odd numbers?

A. 2, 4, 6, 8, 10

C. 2, 3, 4, 5, 6

B. 1, 3, 5, 7, 9

D. 5, 10, 15, 20, 25



Scan me!
For more practice
& answers

5) A pinwheel turns 60° . What fraction of a full turn is this?

A. $\frac{1}{6}$

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

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

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

6) A rectangle's width is 7 feet. Its length is 2 times as long as its width. What is the length?

A. 5 feet

B. 9 feet

C. 3.5 feet

D. 14 feet

7) Which expanded form does NOT represent 567,089?

A. $500,000 + 60,000 + 7,000 + 80 + 9$

B. $500,000 + 67,089$

C. $500,000 + 60,000 + 7,089$

D. $560,000 + 7,980$

8) Mia has 0.4 of a pizza. How can she write this as a fraction with denominator 10?

A. $\frac{4}{100}$

B. $\frac{4}{10}$

C. $\frac{40}{100}$

D. $\frac{4}{1000}$

9) Which of the following is a right angle?

A. An angle less than 90°

B. An angle equal to 90°

C. An angle greater than 90° but less than 180°

D. An angle equal to 180°

10) Which statement is true when rounding to the nearest hundred?

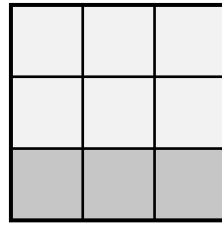
A. 6,293 rounds to 6,300

B. 6,234 rounds to 6,300

C. 6,249 rounds to 6,250

D. 6,251 rounds to 6,200





9 equal pieces

11)

A chocolate bar has 9 pieces. Each piece is $\frac{1}{9}$ of the bar. If you eat 3 pieces, what fraction of the bar do you eat?

- A. $\frac{3}{27}$ of the bar C. $\frac{1}{27}$ of the bar
 B. $\frac{3}{9}$ of the bar (or $\frac{1}{3}$ of the bar) D. $\frac{6}{9}$ of the bar

12) Which tool is used to measure the size of an angle in degrees?

- A. Protractor C. Ruler
 B. Compass D. Calculator

13) All the factors of 24 are:

- A. 1, 2, 3, 4, 8, 12, 24 C. 2, 3, 4, 6, 8, 12, 24
 B. 1, 2, 4, 6, 8, 12, 24 D. 1, 2, 3, 4, 6, 8, 12, 24

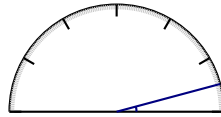
14) A triangle has angles measuring 45 degrees, 45 degrees, and 90 degrees. What type of triangle is it?

- A. Acute triangle C. Obtuse triangle
 B. Right triangle D. Equilateral triangle



Scan me!
For more practice
& answers

1)



What is the measure of this very small acute angle?

- A. 10 degrees C. 20 degrees
 B. 15 degrees D. 25 degrees

2) Ms. Kumar has 1,638 pencils to share equally among 7 students. How many pencils does each student receive?

3) This place-value chart represents a number. Write the expanded form:

Thousands	Hundreds	Tens	Ones
9	0	4	2

- A. $9,000 + 400 + 2$ C. $9 + 0 + 4 + 2$
 B. $90,000 + 400 + 20$ D. $9,000 + 40 + 2$

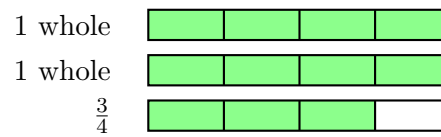
4) A spinner makes a $\frac{1}{4}$ turn. How many degrees does it rotate?

- A. 45° C. 90°
 B. 60° D. 120°



Scan me!
For more practice
& answers

1) Two full fraction bars and part of a third show a mixed number:



This represents which mixed number?

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

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

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

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

2) A spinner is divided into 6 equal sectors around a center point. Each sector spans how many degrees?

3) An angle is made up of:

 A. Three points C. A vertex and two rays B. Two parallel lines D. Two line segments

4) What is $7 \times \frac{1}{3}$ as a fraction?



Scan me!
For more practice
& answers

5) A garden is divided into 5 equal rows. Plants are in 3 rows. Write the fraction of the garden with plants as a sum of unit fractions.

A. $\frac{3}{5}$

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

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

D. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

6) Use the table to compare the two six-digit numbers:

	100,000s	10,000s	1,000s	100s	10s	1s
Number X	3	2	1	9	4	7
Number Y	3	2	2	0	1	5

Which statement is true?

A. $321,947 > 322,015$

C. $321,947 = 322,015$

 B. Cannot determine without more digits

D. $321,947 < 322,015$

7) A juice box contains $\frac{1}{3}$ liter. How many liters are in 7 juice boxes?

A. $\frac{1}{21}$ liter

C. $\frac{7}{21}$ liter

B. $\frac{7}{3}$ liters (or $2\frac{1}{3}$ liters)

D. $\frac{3}{7}$ liter

8) Round 4,607 to the nearest ten.

A. 4,600

C. 4,607

B. 4,700

D. 4,610



Practice Test Answer Keys

How to use this section with a Grade 4 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.

Testinar.com



Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice A is correct.** **(4.NF.3)** The cake recipe uses sugar and flour as shown in the picture. Add them with like denominators: $\frac{4}{6} + \frac{2}{6} = \frac{6}{6}$ cups total.
- The correct answer is 75.** **(4.MD.2)** Each toy costs \$15. Maya buys 5 toys. Multiply: $15 \times 5 = 75$ dollars. She spends 75 dollars.
- Choice D is correct.** **(4.OA.2)** “2 times as many” is a multiplication clue. Noah’s sister has 2 groups of 7 crayons: $2 \times 7 = 14$ crayons.
- Choice B is correct.** **(4.OA.4)** Odd numbers end in 1, 3, 5, 7, or 9. Choice B has 1, 3, 5, 7, 9—all odd. Choices A, C, D each contain at least one even number.
- Choice A is correct.** **(4.MD.5)** Divide the degrees by 360 to get the fraction: $\frac{60}{360} = \frac{1}{6}$ (simplifying by 60). Answer: $\frac{1}{6}$.
- Choice D is correct.** **(4.OA.1)** “2 times as long” is a multiplication signal. The length is $7 \times 2 = 14$ feet.
- Choice D is correct.** **(4.NBT.2)** Choice D: $560,000 + 7,980 = 567,980$ (wrong!). A, B, and C all equal 567,089 in different ways ✓
- Choice B is correct.** **(4.NF.5)** 0.4 is zero point four, which is four tenths: $0.4 = \frac{4}{10}$. That’s the answer Mia is looking for.
- Choice B is correct.** **(4.G.1)** A right angle is a special angle that measures exactly 90° . Think of the corner of your notebook — that’s a right angle! Acute angles are smaller, obtuse angles are bigger, and straight angles are perfectly flat at 180° .
- Choice A is correct.** **(4.NBT.3)** We’re rounding to the nearest hundred, so check the tens digit of each. Option A (6,293): tens digit is $9 \geq 5$, rounds UP to **6,300**. ✓ Option B (6,234): tens digit is $3 < 5$, rounds DOWN to 6,200 (not 6,300). Option C (6,249): tens digit is $4 < 5$, rounds DOWN to 6,200 (not 6,250). Option D (6,251): tens digit is $5 \geq 5$, rounds UP to 6,300 (not 6,200).
- Choice B is correct.** **(4.NF.4)** Eating 3 pieces, where each is $\frac{1}{9}$ of the bar, means we multiply: $3 \times \frac{1}{9} = \frac{3}{9}$, which simplifies to $\frac{1}{3}$.
- Choice A is correct.** **(4.MD.6)** A protractor is the special tool we use to measure angles in whole-number degrees. The ruler measures length and the compass draws circles, but only the protractor shows us how many degrees are in an angle.
- Choice D is correct.** **(4.OA.4)** Walk through the factor pairs: 1×24 , 2×12 , 3×8 , 4×6 . Combine both sides of each pair: **1, 2, 3, 4, 6, 8, 12, 24**. *Tip:* the pairs “meet in the middle”—once they start repeating, you’ve found them all.
- Choice B is correct.** **(4.G.2)** This triangle has one 90-degree angle and two acute angles (45 degrees each), making it a right triangle.
- Choice B is correct.** **(4.MD.1)** Since 1 kilogram = 1,000 grams, multiply: $5 \times 1,000 = 5,000$ g. The answer is **5,000** g.
- Choice D is correct.** **(4.NBT.6)** Divide: $45 \div 5 = 9$, and $5 \div 5 = 1$. Each of the 5 libraries gets **91** books.
- Choice B is correct.** **(4.NF.4)** Let’s check each one: A: $2 \times \frac{1}{5} = \frac{2}{5}$, not $\frac{1}{10}$. B: $3 \times \frac{1}{5} = \frac{3}{5}$ ✓. C: $4 \times \frac{1}{5} = \frac{4}{5}$, not $\frac{4}{20}$. D: $5 \times \frac{1}{5} = 1$, not $\frac{1}{5}$.
- The correct answer is A, B.** **(4.NF.1)** Options A and B are equivalent: $\frac{1}{3} = \frac{1 \times 2}{3 \times 2} = \frac{2}{6}$ ✓ The others don’t match: $\frac{1}{4}$ (different), $\frac{2}{7}$ (different), and $\frac{3}{6} = \frac{1}{2}$ (half, not a third).
- Choice B is correct.** **(4.NF.4)** Adding three eighths together: $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} = 3 \times \frac{1}{8} = \frac{3}{8}$.
- Choice A is correct.** **(4.NBT.5)** An area model splits $31 = 30 + 1$ and $17 = 10 + 7$. Choice A shows these decompositions correctly.
- Choice C is correct.** **(4.MD.5)** This angle opens wider than a right angle (90 degrees) but does not form a straight line (180 degrees), making it obtuse.
- Choice B is correct.** **(4.MD.3)** Using area formula: $48 = 8 \times w$. Divide: $w = 48 \div 8 = 6$ ft.
- Choice C is correct.** **(4.NF.5)** The tenths bar shows 2 tenths = $\frac{20}{100}$. The hundredths grid shows 15 hundredths. Adding: $\frac{20}{100} + \frac{15}{100} = \frac{35}{100}$.
- Choice C is correct.** **(4.MD.4)** The shortest sticker is at $\frac{1}{8}$ inch and the longest is at $\frac{4}{8}$ inch. The difference is $\frac{4}{8} - \frac{1}{8} = \frac{3}{8}$ inch.



Scan me!
For more practice
& answers

Ahoy, Math Sailor!

◇ You sailed through 4 full tests. Some waters were calm. Some waters were rough. You kept your boat steady the whole way. ◇

★ **Captain's truth:** good sailors stay calm. They use the wind. They check the map. You did all those things on every test. ★

Sailor's Skills

- **Steady Hand:** You stay calm even when problems are tricky.
- **Map Skills:** You read each problem carefully.
- **Brave Spirit:** You believe in yourself.
- **Safe Harbor:** You finish what you start.

Captain's tip: on test day, sail steady. Trust the map you built through 4 practice tests. You will reach safe harbor!

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

Jay Daie

Your Math Captain

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students build strong math skills, master key concepts, and gain the confidence they need to excel.

With 4 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

Perfect for classroom use, homework, test preparation, and extra practice at home.

PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement
- ✓ Confidence Building

★ **CONFIDENCE TODAY.
SUCCESS TOMORROW!**

WHAT STUDENTS WILL GAIN



Stronger Math Skills

Build a solid foundation through targeted practice and review.



Better Problem Solving

Develop logical thinking and effective solution strategies.



Test Confidence

Become familiar with test-style questions and formats.



Track Progress

Measure growth across multiple practice tests.



Prepare for Success

Build the confidence needed to do your best on test day.

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Decimals
- ✓ Geometry & Measurement
- ✓ Data, Graphs & Line Plots
- ✓ Perimeter & Area
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



Visit testinar.com/math4

for additional Grade 4 math resources and practice materials.

MORE PRACTICE. GREATER RESULTS.

Give your child the tools needed to develop strong math skills, confidence, and a positive attitude toward learning.



4 FULL-LENGTH
PRACTICE TESTS



STANDARDS-
ALIGNED REVIEW



MIXED PRACTICE
QUESTIONS