

5

Mississippi

MAAP

GRADE 3

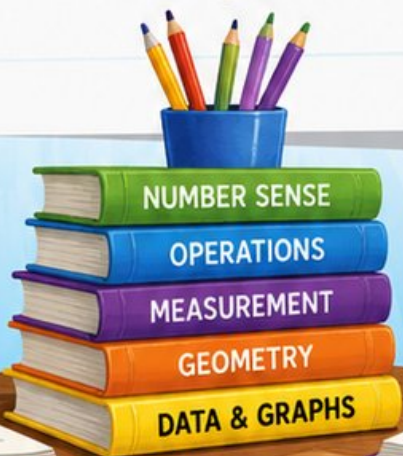
MATH

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 Mississippi MAAP 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



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

Mississippi has river stories, pine woods, music roads, and warm classrooms where steady practice grows. 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 Mississippi Grade 3 standards connect to practice.	Understand the skills behind the questions.

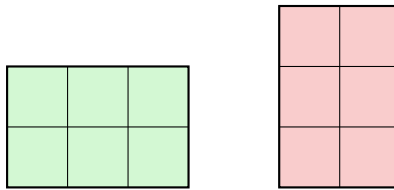
Each test has 26 multiple-choice questions, 1 select-all question, and 3 open-ended questions. That mix gives students practice with quick choices, careful reasoning, and short written answers.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	16
★ Practice Test 2	_____	28
★ Practice Test 3	_____	40
★ Practice Test 4	_____	52
★ Practice Test 5	_____	65
Practice Test Answer Keys	_____	76
Practice Test Answers and Explanations	_____	80



Shape 1

Shape 2

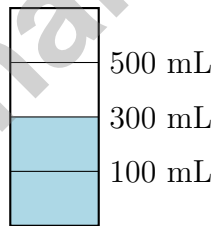
1)

Shape 1 has an area of 6 square units. Shape 2 has an area of 6 square units. Which statement is correct?

- A. Shape 1 is larger
- B. Shape 2 is larger
- C. Both shapes have the same area
- D. Shape 1 has no area

2) Diego found 6 anthills. Each anthill has 9 ants. How many ants did Diego find?

- A. 72 ants
- B. 48 ants
- C. 15 ants
- D. 54 ants



Measuring Cup

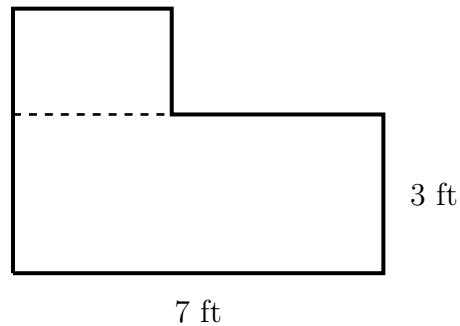
3)

A measuring cup shows 300 mL of juice. If Eli pours in 200 mL more, what will the measuring cup show?

- A. 200 mL
- B. 300 mL
- C. 400 mL
- D. 500 mL

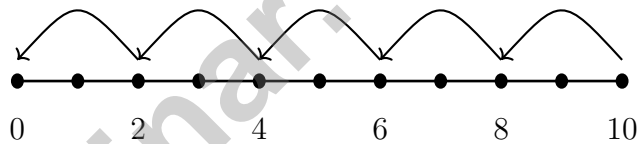


- 4) An L-shaped patio is shown with dashed decomposition lines:



Bottom: 7 ft by 3 ft. Top: 3 ft by 2 ft. What is the total area?

- A. 6 sq ft C. 21 sq ft
 B. 27 sq ft D. 42 sq ft
- 5) 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. $2 \times 5 = 10$
- 6) Noah has $\frac{2}{6}$ of a chocolate bar. What is an equivalent fraction that shows the same amount?

- A. $\frac{1}{3}$ C. $\frac{2}{3}$
 B. $\frac{1}{2}$ D. $\frac{3}{6}$



Scan me!
For more practice
& answers

1) A rectangle has a width of 3 feet and a length of 8 feet. The rectangle has 8 rows with 3 unit squares in each row. Find the area by adding: $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = ?$

A. 11 sq ft

C. 24 sq ft

B. 16 sq ft

D. 32 sq ft

2) How many halves make one whole?

Each square is $1 \text{ ft} \times 1 \text{ ft}$



3)

The grid shows a shape made of unit squares measured in feet. How many unit squares fit in this shape?

A. 3 unit squares

C. 6 unit squares

B. 5 unit squares

D. 8 unit squares

4) A toy store has 75 action figures. They donate 15 to a daycare. The remaining figures are packed equally into 12 boxes. How many figures are in each box?

A. 5

C. 7

B. 6

D. 60



5)

Hundreds	Tens	Ones	Total	?
----------	------	------	-------	---

Lily has 3 hundreds, 2 tens, and 6 ones. Her friend gives her 1 hundred, 4 tens, and 7 ones. What is the total?

A. 473

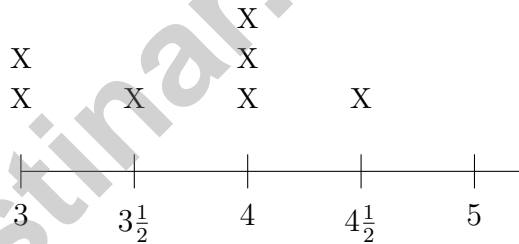
C. 513

B. 503

D. 523

6) Find $45 \div 5$. (Hint: Think of the related multiplication fact.)

7) This line plot shows ribbon lengths in inches. The scale goes by halves: 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5.



How many ribbons are 4 inches long?

A. 2

C. 4

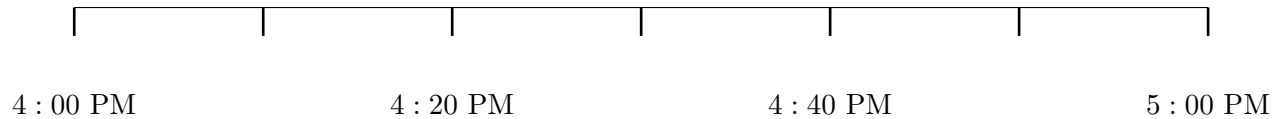
B. 3

D. 5



Scan me!
For more practice
& answers

1) Look at the number line. What times are shown?



How many minutes elapse from 4:00 PM to 4:40 PM?

- A. 40 minutes C. 20 minutes
 B. 30 minutes D. 50 minutes

2) Ava has 3 bags with 6 marbles in each bag. Which multiplication sentence matches?

- A. $3 + 6 = 9$ C. $6 + 6 = 12$
 B. $3 \times 3 = 9$ D. $3 \times 6 = 18$

3)

Multiplier	1	2	3	4
Product by 7	7	14	21	28

By how much does each product increase?

- A. By 1 C. By 7
 B. By 4 D. By 14

4) Which pair of fractions is equivalent?

- A. $\frac{1}{3}$ and $\frac{1}{4}$ C. $\frac{1}{2}$ and $\frac{3}{6}$
 B. $\frac{2}{8}$ and $\frac{3}{6}$ D. $\frac{2}{3}$ and $\frac{2}{6}$



Scan me!
For more practice
& 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.

Testinar.com



Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice C is correct.** **(3.MD.C.5a)** Both shapes are made of 6 unit squares, so both have area 6 square units, even though they have different dimensions.
- 2) **Choice D is correct.** **(3.OA.A.1)** 6 anthills with 9 ants each means 6 groups of 9. So $6 \times 9 = 54$ ants.
- 3) **Choice D is correct.** **(3.MD.A.2)** Add: $300 + 200 = 500$ mL.
- 4) **Choice B is correct.** **(3.MD.C.7d)** Bottom: $7 \times 3 = 21$ sq ft. Top: $3 \times 2 = 6$ sq ft. Total: $21 + 6 = 27$ sq ft.
- 5) **Choice A is correct.** **(3.OA.A.2)** The number line shows 5 jumps of -2 from 10 to 0. This represents $10 \div 2 = 5$ (there are 5 groups of 2 in 10).
- 6) **Choice A is correct.** **(3.NF.A.3b)** Divide the numerator and denominator of $\frac{2}{6}$ by 2: $\frac{2 \div 2}{6 \div 2} = \frac{1}{3}$.
- 7) **Choice A is correct.** **(3.MD.B.3)** Soccer: $3 \times 5 = 15$. Basketball: $4 \times 5 = 20$. Tag: $2 \times 5 = 10$. Total: $15 + 20 + 10 = 45$.
- 8) **Choice C is correct.** **(3.MD.C.5b)** $6 \times 6 = 36$ unit square tiles.
- 9) **Choice D is correct.** **(3.MD.C.6)** Area = $7 \times 5 = 35$ square inches.
- 10) **Choice A is correct.** **(3.NF.A.3d)** One half and two fourths cover equal areas in the bars. They are equivalent fractions.
- 11) **Choice D is correct.** **(3.OA.C.7)** $6 \times 7 = (6 \times 10) - (6 \times 3) = 60 - 18 = 42$. Breaking the fact into known facts is a good mental-math strategy.
- 12) **Choice D is correct.** **(3.NBT.A.1)** The point is at position 1 on the line from 0 to 10, representing a number like 8–14 closer to 10.
- 13) **Choice C is correct.** **(3.NF.A.2)** $\frac{6}{8}$ is 6 out of 8 equal parts, which is at the sixth tick mark from 0.
- 14) **Choice A is correct.** **(3.NF.A.1)** A cake divided into 6 equal pieces has each piece as $\frac{1}{6}$ (one-sixth).
- 15) **Choice A is correct.** **(3.MD.B.4)** The most common diameter is 2 inches because it has 3 X's, which is more than any other value.
- 16) **Choice A is correct.** **(3.MD.A.1)** $6 : 11 - 26 \text{ min} = 5 : 45 \text{ PM}$.
- 17) **Choices A and C are correct.** **(3.NF.A.2b)** $\frac{4}{4}$ and 1 both refer to one whole unit. They mark the same point. Distractor $\frac{2}{4} = \frac{1}{2}$ is different. Distractor $\frac{1}{2}$ is different from 1. Distractor $\frac{3}{4}$ is between $\frac{1}{2}$ and 1.
- 18) **Choice A is correct.** **(3.MD.C.7c)** The distributive property lets us split 8 into $3 + 5$ and add two smaller areas: $18 + 30 = 48$. This matches tiling the rectangle in two parts.
- 19) **The correct answer is 5 inches.** **(3.MD.D.8)** $30 = 2(10) + 2w = 20 + 2w$, so $2w = 10$ and $w = 5$ in.
- 20) **Choice C is correct.** **(3.NBT.A.3)** $8 \times 20 = 8 \times (2 \times 10) = (8 \times 2) \times 10 = 16 \times 10 = 160$. Multiply the single-digit factors first, then multiply by 10.
- 21) **Choice D is correct.** **(3.OA.D.9)** Even numbers increase by 2: 2, 4, 6, 8, etc.
- 22) **The correct answer is 8.** **(3.OA.A.3)** $48 \div 6 = 8$.
- 23) **Choice C is correct.** **(3.NF.A.3c)** A fraction where numerator = denominator always equals 1. $\frac{6}{6} = 1$.
- 24) **Choice D is correct.** **(3.OA.B.6)** The multiplication fact $3 \times 5 = 15$ tells us that 15 beads divided into 3 necklaces gives 5 beads each. $15 \div 3 = 5$.
- 25) **Choice A is correct.** **(3.OA.D.8)** First add: $15 + 9 = 24$ cars. Then divide by 3 children: $24 \div 3 = 8$ cars per child. Choice A correctly shows both steps with parentheses.
- 26) **Choice B is correct.** **(3.MD.C.7)** The diagram shows length 4 and width 3. Area = $4 \times 3 = 12$ square units. You can also add: $3 + 3 + 3 + 3 = 12$ (four rows of three).
- 27) **The correct answer is 40 square yards.** **(3.MD.C.7b)** Area = length \times width, so $10 \times 4 = 40$ square yards.
- 28) **Choice D is correct.** **(3.OA.A.4)** Use the inverse: $35 \div 5 = 7$. Check: $7 \times 5 = 35$.
- 29) **Choice C is correct.** **(3.NF.A.3a)** $\frac{1}{2} = \frac{3}{6}$ because both represent one-half of the ribbon.
- 30) **Choice D is correct.** **(3.NF.A.2a)** Exactly 4 copies of $\frac{1}{4}$ fit in the interval from 0 to 1.



Hi, Math Builder!

◇ Through 5 practice tests, you built your math house brick by brick. The walls are strong. The roof is on. You are ready for anything test day brings. ◇

★ **Builders know:** good plans make strong houses. You learned to plan, then build. That helps with any problem. ★

Builder's Tools

- **Foundation:** ROCK SOLID. Math facts are in place.
- **Frame:** STRONG. You can break problems into parts.
- **Walls:** TIDY. Your work is neat and clear.
- **Roof:** DONE. You always answer the question.

Builder tip: on test day, build each answer like a tiny house. Read first. Plan next. Do the math. Then check!

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

Jay Daie

Your Math Builder

Testinar.com

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.



Review & Master Skills

Strengthen concepts in numbers, operations, fractions, geometry, measurement, and more.

COVERS ALL ESSENTIAL TOPICS

- ✓ Whole Numbers
- ✓ Operations & Algebraic Thinking
- ✓ Number Patterns
- ✓ Fractions & Decimals
- ✓ Measurement & Data
- ✓ Geometry
- ✓ Perimeter, Area & Volume
- ✓ Time & Money
- ✓ Data & Graphs
- ✓ Word Problems
- ✓ And More!



Visit testinar.com/math3 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!



Perfect For:



Classroom Learning



Homework Support



Test Preparation



Extra Practice & Review