

+
★
10

=
Mississippi
MAAP



GRADE 3

△ **MATH** ▽

÷ **PRACTICE TESTS** ≡

- ✓ Complete Standards Review
- ✓ Skill Practice
- ✓ Word Problems and Answer Key

2 × 7 + 4



★
**PREPARE
PRACTICE
SUCCEED!**
★ ★ ★



Aligned to
Grade 3 Math
Standards



Build Confidence
and Master
Math Skills



Test-Taking
Practice for
Success



Answer Key
for Easy
Review

10 Mississippi MAAP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 practice rounds for MAAP, built around river stories, magnolia shade, and careful step writing, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Mississippi Math Explorer!

Ten steady rounds on the Magnolia State math route

This book gives you ten full Grade 3 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?

Ten tests, 300 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 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 7–9	Stamina rounds for mixed review, neat work, and flexible strategies.
Test 10	Final round to show growth across the whole Mississippi book.
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

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9) Lily buys 3 packages of toy cars. Each package has 40 toy cars. How many toy cars does Lily buy?

A. 34

B. 43

C. 120

D. 1200

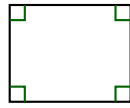
10) Mia's desk is a square with sides of 4 feet. What is the area of her desk?

A. 8 sq ft

B. 12 sq ft

C. 16 sq ft

D. 20 sq ft



Right angles marked

11)

The corner marks indicate right angles. How many right angles does this quadrilateral have?

A. 2

B. 3

C. 4

D. 5

12) A shape has two connected rectangles. Areas are 21 sq units and 18 sq units. What is the total area?

A. 3 sq units

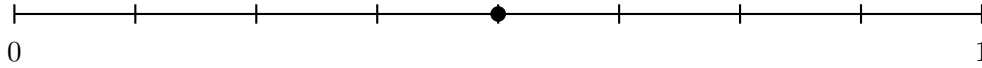
B. 39 sq units

C. 42 sq units

D. 378 sq units



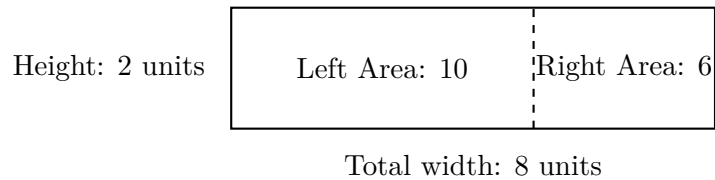
- 1) A number line from 0 to 1 is divided into 8 equal parts. How many parts from 0 to $\frac{4}{8}$?



- A. 2 parts C. 4 parts
 B. 3 parts D. 5 parts
- 2) Two circles are identical. Circle X shows $\frac{3}{4}$ shaded gray. Circle Y shows $\frac{6}{8}$ shaded gray. Are the shaded parts the same size?
- A. They cannot be compared. C. Yes, they are equal.
 B. No, Circle Y is larger. D. No, Circle X is larger.
- 3) Lily starts playing at 2 : 18 PM. She plays for 44 minutes. What time does Lily stop playing?
- A. 3 : 00 PM C. 3 : 12 PM
 B. 3 : 02 PM D. 2 : 58 PM
- 4) Find a fraction equivalent to $\frac{2}{6}$.

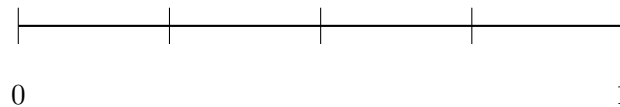


5) A rectangle with a vertical split looks like this:



What is the left rectangle's width?

- A. 5 units C. 8 units
 B. 2 units D. 6 units
- 6) Ava ate $\frac{1}{2}$ of a pizza. Ben ate $\frac{4}{8}$ of a pizza. Did they eat the same amount?
- A. Yes, they ate the same amount C. No, Ben ate more
 B. No, Ava ate more D. Cannot be determined
- 7) A line plot displays pencil masses in grams: $7, 7\frac{1}{2}, 8, 8\frac{1}{2}$. The X counts are: 2 at 7 grams, 3 at $7\frac{1}{2}$ grams, 2 at 8 grams, and 1 at $8\frac{1}{2}$ grams. How many pencils are there altogether?
- A. 6 C. 8
 B. 7 D. 9
- 8) A number line from 0 to 1 is divided into 4 equal parts. Which fraction names the first tick mark after 0?



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



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1) Tom's teacher asked him to match 8×2 to a picture. Which picture is correct?

- A. Eight rows of 8 objects each D. Eight separate groups with 2 objects in each
- B. Two rows of seven objects each
- C. A single group of ten objects

2) Find $16 \div 2$.

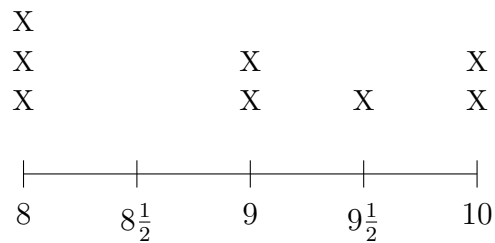
3) There are 5 tables in the cafeteria. Each table has 6 chairs. How many chairs are there altogether?

- A. 11 C. 24
- B. 36 D. 30

4) Find $27 \div 3$. (Hint: Think of a multiplication fact: $\square \times 3 = 27$)



- 5) Lily made a line plot of marble diameters in millimeters using halves: $8, 8\frac{1}{2}, 9, 9\frac{1}{2}, 10$.



Which marble size appears least often?

- A. 8 mm
 B. $8\frac{1}{2}$ mm
 C. $9\frac{1}{2}$ mm
 D. 10 mm
- 6) Lily tiles a wall with unit squares (1 foot by 1 foot). The wall is 8 feet wide and 2 feet tall. How many tiles does she need?
- A. 10 tiles
 B. 12 tiles
 C. 14 tiles
 D. 16 tiles

7)

Water Bottle	Amount
Monday	2 L
Tuesday	1500 mL
Wednesday	2500 mL

On which day did Lily drink the most water?

- A. Monday
 B. Tuesday
 C. Wednesday
 D. All equal



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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.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice D is correct.** **(3.G.2)** Three vertical lines create 4 equal columns, so the rectangle is divided into 4 parts.
- 2) **Choice A is correct.** **(3.MD.5)** Area is the amount of space covered. Larger square tiles cover more space per tile, so fewer are needed. Smaller tiles need more. The floor area stays the same; only the unit of measurement changes.
- 3) **The correct answer is 48.** **(3.MD.1)** From 2 : 17 to 3 : 05 is 48 minutes.
- 4) **Choice A is correct.** **(3.NF.2a)** Two equal parts gives unit fraction $\frac{1}{2}$.
- 5) **Choice B is correct.** **(3.MD.7b)** Area = length \times width = $9 \times 8 = 72$ square feet. Choice A (17) is the sum; C (64) is 8×8 ; D (63) is 9×7 .
- 6) **Choice C is correct.** **(3.MD.4)** At 1 mm there are 4 X's, which is the highest count.
- 7) **Choice B is correct.** **(3.MD.7a)** Multiply length \times width: $4 \times 3 = 12$ tiles. Shows tiling result matches multiplication.
- 8) **The correct answer is 6.** **(3.NF.3c)** $\frac{12}{2}$ means 12 halves. 2 halves make 1 whole, so $12 \div 2 = 6$ wholes.
- 9) **Choice C is correct.** **(3.NBT.3)** 3 packages of 40 cars = $3 \times 40 = 120$ cars. Multiply $3 \times 4 = 12$, then add one zero.
- 10) **Choice C is correct.** **(3.MD.6)** Area of a square = $4 \times 4 = 16$ square feet.
- 11) **Choice C is correct.** **(3.G.1)** The four corner marks each show a right angle. This shape is a rectangle with 4 right angles.
- 12) **Choice B is correct.** **(3.MD.7d)** Add the areas: $21 + 18 = 39$ square units.
- 13) **Choice D is correct.** **(3.NBT.2)** Start at 0, jump 150 to get to 150, then jump 300 more to get to 450.
- 14) **Choices A and C are correct.** **(3.OA.5)** A shows $5 \times (3 + 2) = 5 \times 3 + 5 \times 2$, which is the distributive property. C shows $3 \times (2 + 4) = 3 \times 2 + 3 \times 4$, also distributive. B is commutative, D is associative, and E is just a fact.
- 15) **Choice C is correct.** **(3.NF.1)** Picture C shows a rectangle divided into 3 equal parts with 1 part shaded, which is $\frac{1}{3}$.
- 16) **Choice A is correct.** **(3.NF.3)** Sam ate $\frac{1}{3}$, which is equivalent to $\frac{2}{6}$.
- 17) **The correct answer is 48 square units.** **(3.MD.7c)** $8 \times 6 = 48$ square units.
- 18) **Choice B is correct.** **(3.MD.3)** First bar: $4 \times 5 = 20$. Second bar: $2 \times 5 = 10$. Difference: $20 - 10 = 10$.
- 19) **Choice C is correct.** **(3.MD.5b)** 6 units wide by 3 units tall: $6 \times 3 = 18$ square units.
- 20) **Choice A is correct.** **(3.NBT.1)** The tens digit is 2. Since $2 < 5$, round down: 523 rounds to 500.
- 21) **Choice D is correct.** **(3.OA.9)** The cost goes up by \$5 each time. Five toys cost $5 \times 5 = \$25$.
- 22) **Choice D is correct.** **(3.OA.3)** Multiply: 3 groups \times 8 players per group = 24 players.
- 23) **Choice C is correct.** **(3.MD.2)** Multiply: $5 \times 1 = 5$ L.
- 24) **Choice B is correct.** **(3.NF.3d)** Three thirds is one whole. Three sixths is half. So $\frac{3}{3} > \frac{3}{6}$.
- 25) **Choice A is correct.** **(3.MD.5a)** Y is $2 \times 3 = 6$ unit squares. Z is $3 \times 2 = 6$ unit squares. Both have the same area of 6 square units.
- 26) **Choice B is correct.** **(3.NF.2)** The first tick mark on a number line divided into 2 equal parts is $\frac{1}{2}$.
- 27) **Choice D is correct.** **(3.OA.7)** $42 \div 6 = 7$ because $7 \times 6 = 42$.
- 28) **Choice A is correct.** **(3.MD.7)** Area = $7 \times 6 = 42$ square feet.
- 29) **Choice C is correct.** **(3.NF.3a)** $\frac{3}{6} = \frac{1}{2}$. Both containers are half full.
- 30) **Choice A is correct.** **(3.OA.2)** Division and multiplication are inverse operations. Since $2 \times 5 = 10$, then $10 \div 2 = 5$.

Practice Test 2 Answers and Explanations

- 1) **Choice B is correct.** **(3.G.2)** Four equal pieces means each piece is $\frac{1}{4}$ of the sandwich.
- 2) **Choice C is correct.** **(3.MD.7d)** Add the areas: $25 + 14 = 39$ square units.



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Ahoy, Math Sailor!

◇ You sailed through 10 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 10 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!

Give your child the advantage they need in **Grade 3 Math** with 10 full-length practice tests that build skills, boost confidence, and improve results. Designed to mirror real test formats, this book helps students master essential math concepts and feel ready for any challenge.



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