

8

Washington

Smarter Balanced

GRADE 3

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



8 Full-Length
Practice Tests



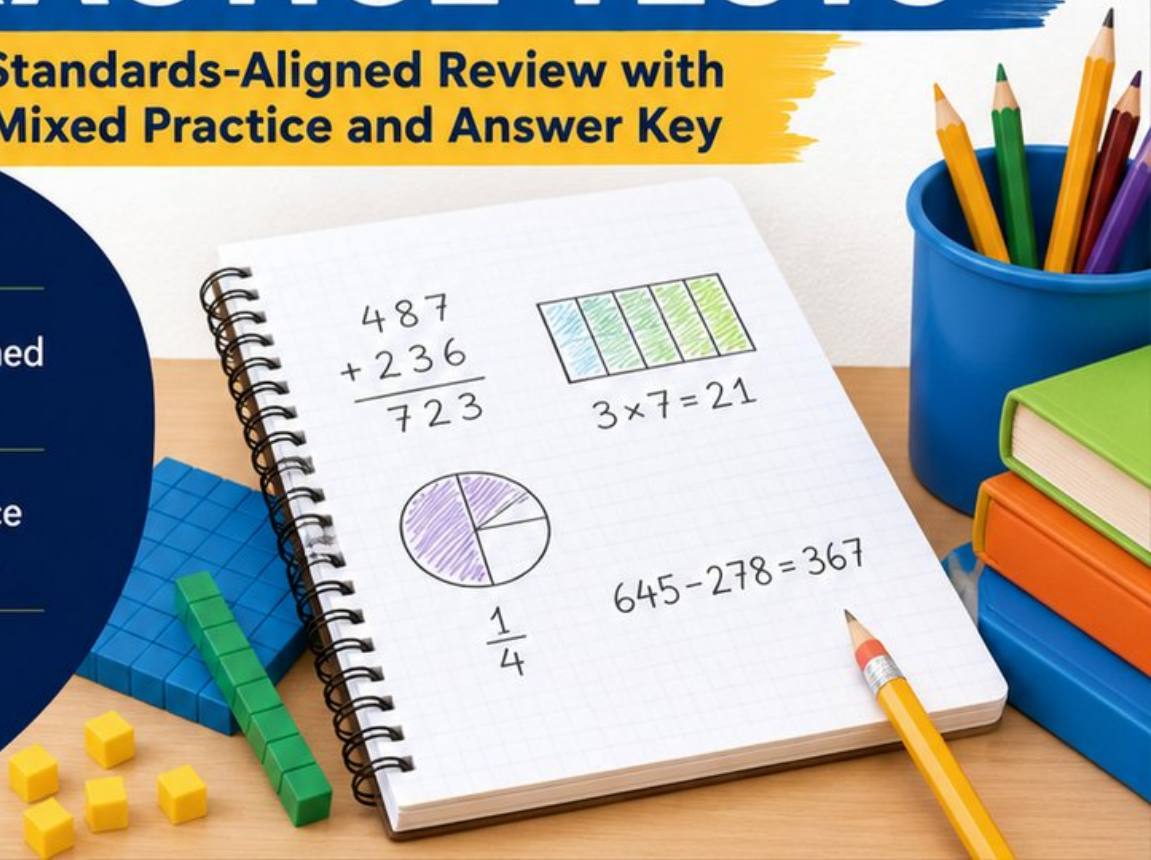
Standards-Aligned
Questions



Build Confidence
and Math Skills



Answer Key
Included



8 Washington Smarter Balanced Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Eight complete 30-question practice rounds for Grade 3 math: operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

Jay Daie and Reza Nazari



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Washington, Your Eight-Test Math Path Begins

Eight focused rounds, one stronger Grade 3 problem solver

This book gives you eight full chances to practice like a careful test taker for the Washington Smarter Balanced. Each test is a new route through numbers, shapes, data, measurement, and word problems. Work slowly enough to notice what the question asks, and proudly enough to show your thinking.

Washington has rainforest paths, mountain peaks, ferry routes, apple orchards, and steady classroom focus, where careful steps matter. Strong math follows that same path: notice the question, choose a tool, show the work, and keep a clear plan through changing conditions.

Your Washington Math Promise

I will read the whole question, choose a smart strategy, write clear work, and check whether my answer makes sense.

Eight rounds. Thirty questions each. One careful step at a time.

How to Use This Book

A simple eight-round routine for confident review

Use this Washington book as a practice plan, not a race. Finish one test, review it, fix a few problems, then carry one better habit into the next test.

1. **Preview the reference page.** Notice units, time, and measurement facts before you begin.
2. **Take one full test.** Circle anything that feels tricky so you can return to it.
3. **Check the answer key.** Mark correct answers and questions to try again.
4. **Read explanations.** Study missed items and lucky guesses first.
5. **Redo three problems.** Write fresh work without copying the explanation.
6. **Name one habit.** Pick a focus such as labels, facts, fractions, or neat work.
7. **Try the next test.** Bring that habit forward.
8. **Finish with a final check.** Look for growth across all eight tests.

Best review habit: In Washington, strong practice means slowing down enough to see the clue. When an answer is wrong, ask, “What step would I change next time?”



What Is Inside the Eight Tests?

Mixed Grade 3 math practice for the Smarter Balanced

Each practice test has 30 questions. You will see multiple-choice questions, select-all questions, and open-ended questions with workspace. The mix helps students practice both choosing an answer and explaining a short mathematical result.

Part	What to Expect
Eight full tests	30 mixed Grade 3 questions in each round
Math topics	multiplication, division, place value, fractions, time, measurement, data, area, perimeter, and shapes
Answer keys	compact answer boxes for quick checking
Explanations	short reasoning for every item so mistakes become useful review
Progress pages	places to record scores, habits, and next-step goals

Washington focus: The practice path starts with rainforest paths, mountain peaks, ferry routes, apple orchards, and steady classroom focus. Strong math uses the same idea: know the path, follow the clues, and check the final answer.



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& answers

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8)

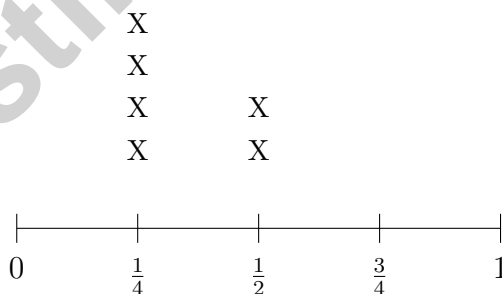
×	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25

Looking at the number 12 in the table, which multiplications give 12?

- A. Only 3×4
 C. 3×4 and 4×3
 B. Only 4×3
 D. 2×6 and 3×4

9) What is true about finding the area of a composite shape?

- A. Add the areas of the non-overlapping rectangles
 B. Add the perimeters of all parts
 C. Multiply the longest side by the widest side
 D. Divide the shape into overlapping rectangles

10) Ava measured rainfall amounts in inches: $0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1$.

How many more days had $\frac{1}{4}$ inch of rain than $\frac{1}{2}$ inch of rain?

- A. 1 day
 C. 3 days
 B. 2 days
 D. 4 days



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4) Which statement is true?

A. $\frac{5}{1} = 1$

C. $\frac{6}{3} = 2$

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

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

5) Which missing-addend number sentence matches this situation? “Eli had 350 points. After losing some points, he has 127 points left. How many points did he lose?”

A. $127 + ? = 350$

C. $350 - 127 = 127$

B. $350 + 127 = ?$

D. $? - 350 = 127$

6) A library has 8 shelves with 7 books on each shelf. They add 6 more books. Which of these is the correct total?

A. $8 + 7 + 6 = 21$

C. $8 + 7 \times 6 = 50$

B. $8 \times 7 \times 6 = 336$

D. $(8 \times 7) + 6 = 62$

7) What is $45 \div 5$?

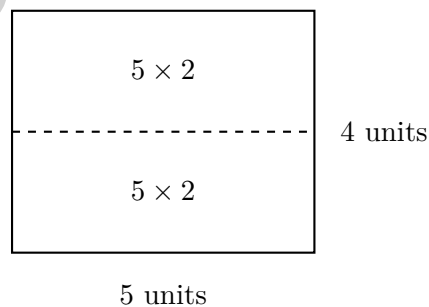
A. 8

C. 10

B. 11

D. 9

8) Ava tiled two rectangles with the same width:



Which is the best way to write the total area?

A. $(5 \times 2) + (5 \times 2) = 10$

C. $5 + 2 + 2 = 9$

B. $5 \times (2 + 2) = 5 \times 4 = 20$

D. $5 + 2 + 2 = 10$



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1) Round 608 to the nearest 10.

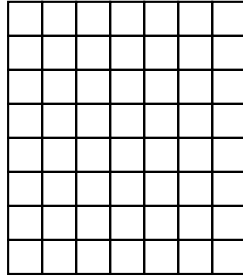
A. 600

C. 610

B. 608

D. 700

2) Here is a rectangle:



Count all the unit squares. Write how many unit squares cover this rectangle.

3) A pizza shop made 312 pizzas on Friday and 289 pizzas on Saturday. How many pizzas did the shop make in total?

A. 501

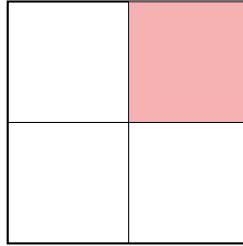
C. 511

B. 610

D. 601



- 4) A rectangle is divided into 2 equal parts vertically. Then it is divided into 2 equal parts horizontally making 4 smaller equal parts. What fraction is one small part?



- A. $\frac{1}{2}$ C. $\frac{1}{3}$
 B. $\frac{1}{4}$ D. $\frac{2}{4}$
- 5) Sofia buys packages of toy blocks. Each package has 20 blocks. She buys 6 packages. How many blocks does she have?
- A. 26 C. 120
 B. 62 D. 200
- 6) A shape is made of two rectangles. Rectangle 1 has area 12 sq units, and Rectangle 2 has area 15 sq units. What is the total area?
- A. 15 sq units C. 27 sq units
 B. 24 sq units D. 180 sq units
- 7) Lily paints a wall. She paints $\frac{4}{8}$ of the wall blue. Which fraction shows the same amount?
- A. $\frac{1}{2}$ C. $\frac{3}{8}$
 B. $\frac{1}{4}$ D. $\frac{2}{3}$



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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.OA.A.3) Multiply: 5 tables \times 6 chairs per table = 30 chairs.
- 2) **The correct answer is 63.** (3.OA.B.5) The commutative property gives $9 \times 7 = 63$.
- 3) **Choice D is correct.** (3.NF.A.3a) (i) $\frac{1}{3}$ and (iv) $\frac{2}{6}$ are equivalent because $\frac{2}{6} = \frac{1}{3}$. Both show one-third shaded.
- 4) **Choice B is correct.** (3.NF.A.3d) Two thirds (with thirds) covers more area than two fourths (with fourths). Larger pieces means larger total.
- 5) **Choice C is correct.** (3.MD.B.3) Multiply: $4 \times 5 = 20$ pencils.
- 6) **Choice B is correct.** (3.NF.A.3c) Any whole number can be written as that number over 1. So $3 = \frac{3}{1}$. (D) equals 1, not 3.
- 7) **Choice C is correct.** (3.MD.A.2) Add: $400 + 600 = 1000$ mL.
- 8) **Choice C is correct.** (3.OA.D.9) Both give 12. The multiplication table shows that $3 \times 4 = 12$ and $4 \times 3 = 12$.
- 9) **Choice A is correct.** (3.MD.C.7d) When breaking a composite shape into rectangles, add their areas because the rectangles do not overlap.
- 10) **Choice B is correct.** (3.MD.B.4) At $\frac{1}{4}$ inch there are 4 X's. At $\frac{1}{2}$ inch there are 2 X's. The difference is $4 - 2 = 2$ days.
- 11) **Choice A is correct.** (3.NF.A.2a) Six equal parts means the first tick is at unit fraction $\frac{1}{6}$.
- 12) **Choice C is correct.** (3.MD.C.7b) Area = width \times height = $6 \times 9 = 54$ square inches.
- 13) **Choice D is correct.** (3.NBT.A.1) The point is at position 7 on the line from 0 to 10, which is past the midpoint of 5. It represents a number 450–499, closer to 500.
- 14) **The correct answer is 4 sides.** (3.G.A.1) A rectangle is a quadrilateral, so it has 4 sides.
- 15) **Choice B is correct.** (3.NF.A.1) $\frac{1}{2} + \frac{1}{2} = \frac{2}{2} = 1$ whole. So 2 unit fractions of $\frac{1}{2}$ make a whole.
- 16) **Choice C is correct.** (3.NBT.A.3) $2 \times 8 = 16$, then multiply by 10: $2 \times 80 = 160$. You multiply the single digits first, then add one zero.
- 17) **Choices A and C are correct.** (3.OA.A.2) In partitive division, we know the number of groups (3 friends, 8 piles) and find the size of each. B is quotitive (measurement) because we know the size (4 cookies per bag) and find the number of bags. D is also quotitive. E is subtraction, not division.
- 18) **Choice B is correct.** (3.MD.C.5b) $5 \times 6 = 30$ unit square pavers.
- 19) **Choice D is correct.** (3.NBT.A.2) Add to find the missing minuend: $256 + 187 = 443$. Check: $443 - 187 = 256$.
- 20) **Choice D is correct.** (3.OA.C.7) $7 \times 7 = 49$. Seven groups of 7 equals 49.
- 21) **Choice B is correct.** (3.MD.C.7) With length 5 and width 4, you add the width 4 five times: $4 + 4 + 4 + 4 + 4 = 20$. This equals $5 \times 4 = 20$ square units.
- 22) **Choice B is correct.** (3.MD.A.1) The minute hand points to 52 (just before the 11), and the hour hand is between 4 and 5. The time is 4 : 52.
- 23) **Choice B is correct.** (3.MD.C.7c) Use the distributive property: multiply 6 by each part, then add.
- 24) **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.
- 25) **Choice A is correct.** (3.MD.C.5a) A unit square has sides 1 unit long. Multiple unit squares are arranged with no gaps or overlaps to measure the area of shapes, following CCSS 3.MD.C.5.b.
- 26) **Choice C is correct.** (3.G.A.2) Rectangle X: $\frac{2}{4}$ shaded is half. Rectangle Y: $\frac{4}{8}$ shaded is also half. Even though one has 4 parts and the other has 8 parts, the same amount of area is shaded in both rectangles.
- 27) **Choice A is correct.** (3.NF.A.3b) Divide the numerator and denominator of $\frac{2}{4}$ by 2: $\frac{2 \div 2}{4 \div 2} = \frac{1}{2}$.
- 28) **Choice C is correct.** (3.MD.C.6) Count by rows: $5 + 5 + 5 + 5 = 20$ unit squares. This is one way to count area.
- 29) **Choice B is correct.** (3.MD.C.5) A square meter is much larger than a square foot. 12 square meters covers far more area than 12 square feet. The number alone doesn't tell you the area; the unit matters!
- 30) **The correct answer is 10.** (3.OA.D.8) $48 \div 6 = 8$, and $8 + 2 = 10$.



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Ahoy, Math Sailor!

◇ You sailed through 8 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 8 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. MASTER TOMORROW.

This book is designed to help **Grade 3** students strengthen their math skills through focused practice and real progress.

- ✓ 8 full-length practice tests
- ✓ Aligned to Grade 3 standards
- ✓ Build confidence and achieve success



EACH PRACTICE TEST INCLUDES:



Standards-
Aligned
Questions



Variety of
Question
Types



Real-World
Math
Applications



Step-by-Step
Progress
Tracking



Build Skills
and Boost
Confidence

COVERS ALL ESSENTIAL TOPICS

- ✓ Whole Numbers & Operations
- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
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