



10

Washington

Smarter Balanced

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



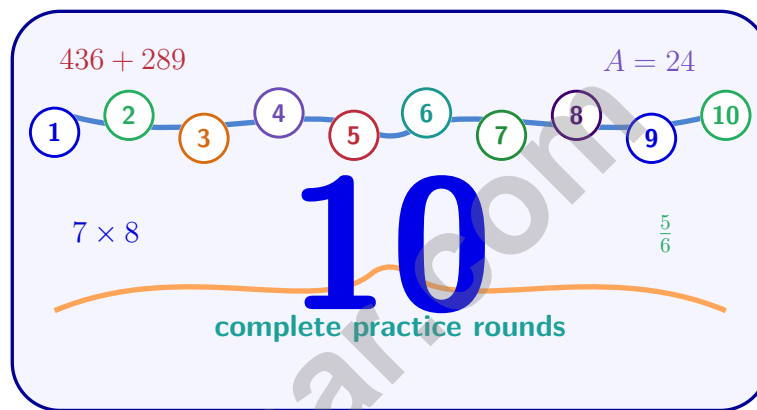
Test-Taking
Practice for
Success



Answer Key
for Easy
Review

10 Washington Smarter Balanced Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 practice rounds for Smarter Balanced, built around evergreen trails, rainy-day focus, and sharp data reading, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Washington Math Explorer!

Ten steady rounds on the Evergreen State math route

This book gives you ten full Grade 3 practice tests for Smarter Balanced. Each round uses evergreen trails, rainy-day focus, and sharp data reading to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Washington 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 Washington Smarter Balanced 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 Evergreen 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 Smarter Balanced 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 Washington 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.



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& answers

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1) Eli multiplies: $2 \times 4 = 8$, $2 \times 6 = 12$, $2 \times 8 = 16$.

Why is every product an even number?

- A. Because 2 is an even number
- B. Because we add the numbers together
- C. Because all products are less than 20
- D. Because we are always multiplying by 2, and multiplying by an even number always gives an even product

2) Round 589 to the nearest 100.

- A. 500
- B. 580
- C. 590
- D. 600

3) There are 5 rows of chairs and 6 chairs in each row. How many chairs are there in total?

- A. 25 chairs
- B. 40 chairs
- C. 35 chairs
- D. 30 chairs

4) Kai has 20 toy cars. He puts 5 toy cars in each group. Which division shows the number of groups?

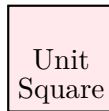
- A. $20 \div 5 = 4$
- B. $20 \div 4 = 4$
- C. $20 + 5 = 25$
- D. $20 - 5 = 15$

5) A rectangle on a grid has 8 columns and 5 rows of unit squares. Explain one way you could count all the unit squares.



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6) Which is true about a unit square?



- A. All sides are different lengths
- B. All sides are 1 unit long and all angles are right angles
- C. It has area equal to its perimeter
- D. It can be any shape as long as area is 1

7) On a number line split into 4 equal parts, which tick represents $\frac{3}{4}$?



8) Look at these three rectangles. Which one is divided into equal parts?



Rectangle A: Unequal parts



Rectangle B: 3 equal parts



Rectangle C: Unequal parts

- A. Rectangle A
- B. Rectangle B
- C. Rectangle C
- D. None of them

9) A line plot shows desk surface measurements in inches: 24, $24\frac{1}{2}$, 25, $25\frac{1}{2}$, 26. The counts are: 0 at 24 inches, 2 at $24\frac{1}{2}$ inches, 5 at 25 inches, 1 at $25\frac{1}{2}$ inches, and 2 at 26 inches. Which measurement appears most often?

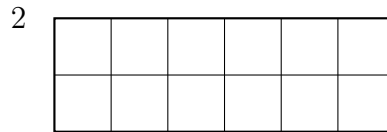
- A. $24\frac{1}{2}$ inches
- B. 25 inches
- C. $25\frac{1}{2}$ inches
- D. 26 inches



- 10) Ava has 6 bags of marbles. Each bag has the same number of marbles. She has 42 marbles in all. How many marbles are in each bag?

$$6 \times \square = 42$$

- A. 9 C. 8
 B. 6 D. 7



11)

How many unit squares are in this rectangle?

- A. 8 C. 16
 B. 12 D. 62

- 12) $\frac{3}{4} = \frac{?}{8}$. What is the missing numerator?

- A. 4 C. 6
 B. 5 D. 7



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1) What does the denominator in a unit fraction tell you?

- A. How many parts are shaded C. The name of the color
 B. How many equal parts the whole is divided into D. How big one part is

2) Eli buys 4 boxes of pens. Each box has 8 pens. How many pens does Eli buy in total?

- A. 12 C. 24
 B. 28 D. 32



3)

Compare $\frac{5}{6}$ and $\frac{5}{8}$. Which is true?

- A. $\frac{5}{6} < \frac{5}{8}$ C. $\frac{5}{6} = \frac{5}{8}$
 B. $\frac{5}{6} > \frac{5}{8}$ D. $\frac{5}{8} > \frac{5}{6}$

4) A rectangle has length 5 cm and width 3 cm. Does a rhombus with all sides 5 cm have the same shape as this rectangle?

- A. Yes, because both have sides that are 5 cm C. Yes, because all quadrilaterals are the same
 B. Yes, because both shapes are quadrilaterals D. No, because they have different properties



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5) What is 367 rounded to the nearest 100?

- A. 300 C. 400
 B. 370 D. 360

6) Write a fraction equivalent to $\frac{3}{6}$.

7) Sam marks $\frac{5}{8}$ and $\frac{8}{8}$ on a number line from 0 to 1 divided into eighths. How far apart, in eighths, are these two points?

- A. 3 eighths C. 1 eighth
 B. 5 eighths D. 8 eighths

8) Maria draws a rectangle on a grid. The rectangle is 5 units long and 3 units wide. She counts 12 unit squares instead of 15. What did Maria do wrong?

- A. She counted the perimeter instead of area C. She multiplied 4 and 3 instead of 5 and 3
 B. She counted only the edges, not the whole inside D. She added instead of multiplied

9) A bar graph shows students who like fruit. Apples: 2 units (scale: 10). Oranges: 3 units (scale: 10). Bananas: 1 unit (scale: 10). How many students like apples or oranges?

- A. 30 C. 50
 B. 40 D. 60



1) Which number is missing in the fact family: 6, 7, ___?

A. 13

C. 49

B. 36

D. 42

2) Find $7 \times 9 + 5$.

3) Mia measures juice in three containers. Container 1 has 1000 mL, Container 2 has 500 mL, and Container 3 has 500 mL. What is the total?

A. 1000 mL

C. 2000 mL

B. 1500 mL

D. 3000 mL

4) Which pair of rectangles cannot be tiled to show a distributive property?

A. 5×6 and 5×2

C. 3×5 and 2×4

B. 4×8 and 4×3

D. 7×9 and 7×1

5) A rectangular rug has length 7 feet and width 6 feet. What is its area?

A. 42 sq ft

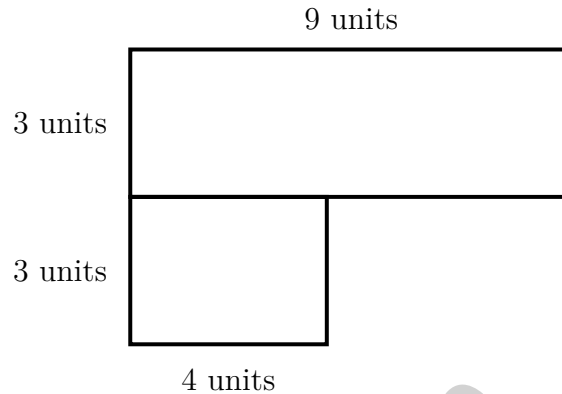
C. 13 sq ft

B. 26 sq ft

D. 49 sq ft



- 6) An L-shaped parking lot is shown. Part 1 is 9 units by 3 units. Part 2 is 4 units by 3 units. What is the total area?



- A. 39 sq units C. 12 sq units
 B. 27 sq units D. 108 sq units
- 7) Which fraction equals the whole number 2?
- A. $\frac{1}{2}$ C. $\frac{2}{1}$
 B. $\frac{2}{3}$ D. $\frac{2}{4}$
- 8) Noah's practice starts at 5 : 42 PM and lasts 38 minutes. When does practice end?
- A. 6 : 10 PM C. 6 : 20 PM
 B. 6 : 15 PM D. 6 : 30 PM



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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.D.9)** Multiplying any number by 2 gives an even result, because $2 \times n$ means n groups of 2, and 2 is even. This pattern always holds: even \times any number = even.
- 2) **Choice D is correct.** **(3.NBT.A.1)** The tens digit is 8. Since $8 \geq 5$, round up: 589 rounds to 600.
- 3) **Choice D is correct.** **(3.OA.C.7)** 5 rows with 6 chairs each: $5 \times 6 = 30$.
- 4) **Choice A is correct.** **(3.OA.B.6)** There are 20 toy cars with 5 in each group, so $20 \div 5 = 4$ groups.
- 5) **The correct answer is 40 sq units.** **(3.MD.C.6)** Students should show understanding of skip-counting or repeated addition. Both row-counting and column-counting are valid strategies.
- 6) **Choice B is correct.** **(3.MD.C.5a)** A unit square is defined as a square with side length exactly 1 unit, so all four sides are equal (1 unit each) and all four corners are right angles.
- 7) **The correct answer is 3.** **(3.NF.A.2b)** $\frac{3}{4}$ is the third tick from 0.
- 8) **Choice B is correct.** **(3.G.A.2)** Rectangle B has 2 lines that divide it into 3 equal parts. Rectangles A and C have unequal spacing.
- 9) **Choice B is correct.** **(3.MD.B.4)** The mode is 25 inches with 5 X's, which is more than any other measurement.
- 10) **Choice D is correct.** **(3.OA.A.4)** Divide: $42 \div 6 = 7$ marbles per bag. Check: $6 \times 7 = 42$.
- 11) **Choice B is correct.** **(3.MD.C.7a)** Wide rectangle: $6 \times 2 = 12$ square units.
- 12) **Choice C is correct.** **(3.NF.A.3b)** The denominator was multiplied by 2 (from 4 to 8). Multiply the numerator by 2: $3 \times 2 = 6$. So $\frac{3}{4} = \frac{6}{8}$.
- 13) **Choice B is correct.** **(3.MD.C.7b)** Area = length \times width = $9 \times 3 = 27$ square yards.
- 14) **Choices A and C are correct.** **(3.OA.D.8)** Step 1: Total boxes: $60 \div 6 = 10$ boxes, so A is true. Step 2: Figures sold: $5 \times 6 = 30$ figures, so B is false. The remaining figures are $60 - 30 = 30$, so C is true. D is false because each box has 6 figures, and E is false because 30 figures remain.
- 15) **The correct answer is 40 tiles.** **(3.MD.C.5b)** Count the rows: 5 rows of tiles. Count across: 8 tiles per row. Total: $8 + 8 + 8 + 8 + 8 = 40$ square foot tiles cover the floor.
- 16) **Choice D is correct.** **(3.OA.A.1)** The picture shows 3 columns with 4 rectangles in each column. So $3 \times 4 = 12$ rectangles.
- 17) **Choice A is correct.** **(3.MD.C.7c)** $(2 \times 6) + (2 \times 3) = 12 + 6 = 18$ or $2 \times (6 + 3) = 2 \times 9 = 18$.
- 18) **Choice B is correct.** **(3.NF.A.2a)** Five ticks (including 0 and 1) create four equal segments. Each segment is $\frac{1}{4}$.
- 19) **Choice D is correct.** **(3.OA.A.3)** Multiply: 7 groups \times 6 students per group = 42 students.
- 20) **Choice A is correct.** **(3.MD.B.3)** Ava: $5 \times 2 = 10$. Noah: $3 \times 2 = 6$. Difference: $10 - 6 = 4$.
- 21) **Choice D is correct.** **(3.OA.A.2)** Sharing equally among people is division. Each person gets $30 \div 5 = 6$ items.
- 22) **Choice B is correct.** **(3.MD.C.5)** The shaded region is 4 units wide and 3 units tall. $4 \times 3 = 12$ square units.
- 23) **Choice D is correct.** **(3.NBT.A.2)** Ones: $8 + 4 = 12$ (write 2, carry 1). Tens: $7 + 5 + 1 = 13$ (write 3, carry 1). Hundreds: $4 + 2 + 1 = 7$. Answer: 732.
- 24) **Choice B is correct.** **(3.MD.C.7d)** Part 1: $5 \times 3 = 15$ sq m. Part 2: $4 \times 2 = 8$ sq m. Total: $15 + 8 = 23$ sq m.
- 25) **Choice B is correct.** **(3.MD.C.7)** Lily's area = $6 \times 5 = 30$ sq units. Mia's area = $7 \times 4 = 28$ sq units. $30 > 28$, so Lily's is larger.
- 26) **Choice C is correct.** **(3.NF.A.3)** $\frac{3}{4}$ is not equivalent to $\frac{4}{8}$, which equals $\frac{1}{2}$. The other choices all name three-fourths.
- 27) **Choice C is correct.** **(3.NF.A.3d)** Strategy: same numerator (2), so compare denominators. Thirds are bigger pieces than fourths (a whole divided by 3 gives bigger parts than divided by 4). Visual check: the blue bar ($\frac{2}{3}$) covers more area than the bar would if it were $\frac{2}{4}$. Rule: when numerators match, smaller denominator wins.
- 28) **Choice B is correct.** **(3.NF.A.3a)** $\frac{1}{4} = \frac{2}{8}$. Both represent one-quarter of the bottle (see the shaded regions are equal).
- 29) **Choice D is correct.** **(3.OA.B.5)** Breaking apart a factor into a sum shows the distributive property: $8 \times 6 = 8 \times (3 + 3) = 8 \times 3 + 8 \times 3 = 24 + 24 = 48$.
- 30) **Choice C is correct.** **(3.NF.A.1)** The rectangle is divided into 2 equal parts with 1 shaded. The fraction is $\frac{1}{2}$ (one-half).



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Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 10 tests. So many experiments! You tested ideas. You watched what worked. You learned a lot. That's how scientists work—and how you work! ◇

★ **Scientists know:** mistakes are facts, not failures. Every problem you missed taught you something. You used those facts to do better next time. ★

Lab Results

- **Hypothesis:** CONFIRMED! Practice makes you better.
- **Method:** STRONG! You try, watch, and adjust.
- **Data:** CAREFUL! You read and copy numbers right.
- **Conclusion:** READY! You can do this test.

Scientist tip: on test day, stay curious. Ask, "What is this asking?" Then experiment with your math tools. You will find the answer!

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

Jay Daie

Your Math Scientist

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