

5 Washington Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five complete 30-question Grade 4 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



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, Washington Math Explorer!

Five steady rounds on the Evergreen State math route

This book gives you five full Grade 4 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?

Five tests, 150 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 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	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.

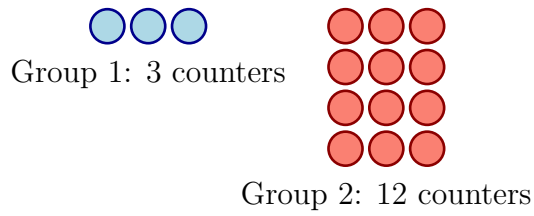


Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	27
★ Practice Test 3	_____	38
★ Practice Test 4	_____	49
★ Practice Test 5	_____	60
Practice Test Answer Keys	_____	71
Practice Test Answers and Explanations	_____	75

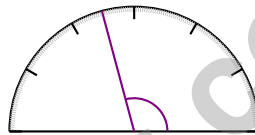
5) Look at the groups below.



Group 2 has how many times as many counters as Group 1?

- A. 3
- C. 6
- B. 9
- D. 4

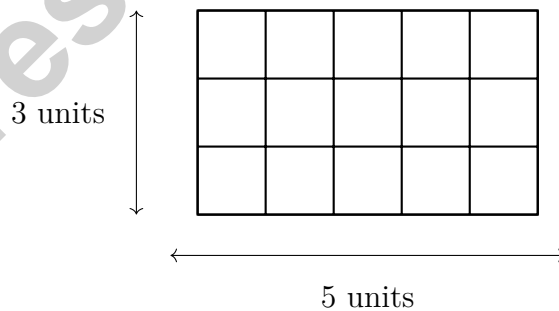
6)



What is the measure of this angle?

- A. 95 degrees
- C. 125 degrees
- B. 115 degrees
- D. 105 degrees

7)



What is the perimeter of the rectangle shown?

- A. 16 units
- C. 8 units
- B. 15 units
- D. 30 units

8) Which shape has perpendicular sides and all angles of 90 degrees?

A. Acute triangle

C. Rectangle

B. Obtuse triangle

D. Trapezoid

9) Subtract: $7,000 - 2,345 = ?$

10) Complete the number sentence: $\frac{3}{5} = \frac{?}{15}$

11) Sophia reads for 15 minutes in the morning and 20 minutes in the evening. How many minutes does she read in total each day?

A. 5 minutes

C. 35 minutes

B. 25 minutes

D. 300 minutes

12) A swimming pool holds 5,000 liters of water. How many milliliters is this?

A. 500,000

C. 50,000,000

B. 5,000,000

D. 500,000,000



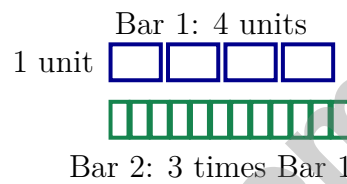
Scan me!
For more practice
& answers

1) A garden plot needs $\frac{6}{4}$ bags of soil. The gardener already has $\frac{2}{4}$ bags. How many more bags are needed?

- A. $\frac{4}{4}$
 B. $\frac{8}{4}$

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

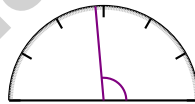
2) Look at the bar model. Both bars show a total of how much?



- A. 4 units
 B. 8 units

- C. 12 units
 D. 16 units

3)



Measure the angle shown in degrees.



Scan me!
 For more practice
 & answers

- 4) A farmer has two fields. Field A is 0.83 km wide and Field B is 0.38 km wide. Which field is wider?

- 5) What is 29×12 ?

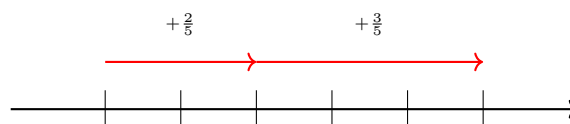
- A. 406 C. 464
 B. 522 D. 348

- 6) Find $6\frac{5}{8} - 3\frac{7}{8}$.

- 7) Which is another way to write $\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$?

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

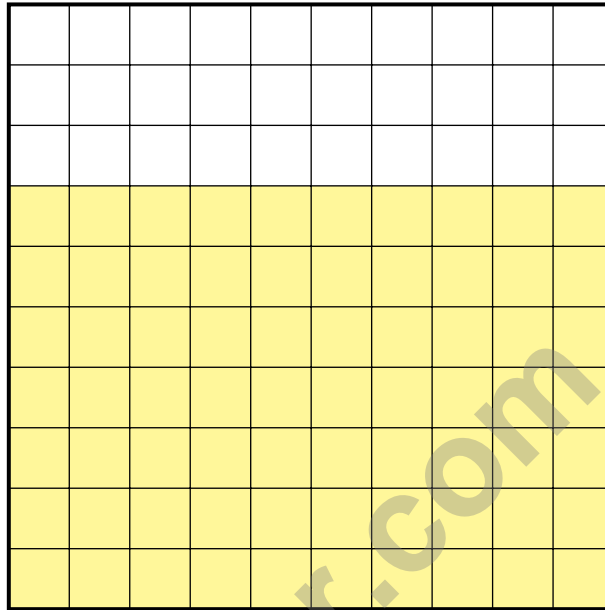
- 8) Which number line shows $\frac{2}{5} + \frac{3}{5} = 1$?



- A. Starts at $\frac{2}{5}$, hops to $\frac{3}{5}$ C. Starts at 1, hops backward to $\frac{3}{5}$
 B. Starts at 0, hops to $\frac{2}{5}$, then to 1 D. Starts at 0, hops to $\frac{5}{5}$



1) Decimal grids show place value. Which decimal matches the shaded grid?

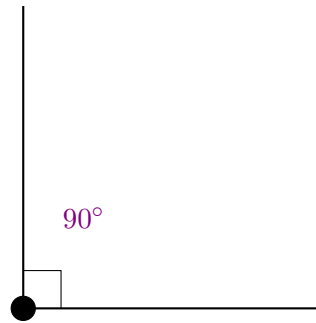


Shaded: 70 out of 100

- A. 0.07 C. 7.0
- B. 0.70 D. 0.77
- 2) A poster is a rectangle with a length of 11 inches and a width of 8 inches. What is its perimeter?
- A. 19 in C. 88 in
- B. 38 in D. 43 in



3)



A right angle shown in purple measures 90 degrees. An obtuse angle would measure:

- A. less than 90 degrees C. between 90 and 180 degrees
 B. exactly 90 degrees D. exactly 180 degrees

4)

5 times



A baker made 6 chocolate cookies. She made 5 times as many vanilla cookies. How many vanilla cookies did she make?

- A. 11 C. 30
 B. 25 D. 36

5) Which expression equals $\frac{7}{10}$?

- A. $3 \times \frac{1}{10}$ C. $10 \times \frac{1}{7}$
 B. $7 \times \frac{1}{10}$ D. $\frac{1}{7} \times \frac{1}{10}$

6) Sam arranges chairs in a rectangle. He makes 3 rows with 24 chairs in each row. How many chairs are there?

- A. 27 C. 54
 B. 81 D. 72



Scan me!
For more practice
& answers

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



Scan me!
For more practice
& answers

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice B is correct.** **(4.MD.B.4)** Count X marks for measurements greater than $\frac{2}{4}$ inch. At $\frac{4}{4}$ inch: 1 mark. At $\frac{6}{4}$ inch: 2 marks. Total: $1 + 2 = 3$ marks.
- Choice C is correct.** **(4.NF.B.3)** Option C: $8 + 3 = 11$, not 12. So $\frac{8}{10} + \frac{3}{10} = \frac{11}{10} \neq \frac{12}{10}$. C is the wrong one ✓.
- Choice A is correct.** **(4.NBT.B.5)** Break 14 into parts: $27 \times (10 + 4) = 270 + 108 = 378$ items.
- Choice B is correct.** **(4.NF.C.5)** The fraction $\frac{7}{10}$ equals 7 tenths, which is 0.7 or 0.70.
- Choice D is correct.** **(4.OA.A.1)** To find “how many times as many,” divide the bigger amount by the smaller. Group 2 has 12, Group 1 has 3, and $12 \div 3 = 4$. So Group 2 has 4 times as many counters.
- Choice D is correct.** **(4.MD.C.6)** The ray points to the 105° mark. Since 105° is between the 90° and 120° benchmarks, this is an obtuse angle. The answer is **105** degrees.
- Choice A is correct.** **(4.MD.A.3)** The rectangle is 5 units long and 3 units wide. Perimeter = $2(5) + 2(3) = 10 + 6 = 16$ units.
- Choice C is correct.** **(4.G.A.2)** Perpendicular sides meet at 90-degree angles. A rectangle has all adjacent sides perpendicular to each other, creating four right angles. The answer is **C**.
- The correct answer is 4,655.** **(4.NBT.B.4)** Regroup carefully across the zeros: $7,000 - 2,345 = 4,655$.
- The correct answer is 9.** **(4.NF.A.1)** The denominator changes from 5 to 15. What times 5 makes 15? $5 \times 3 = 15$. So multiply the numerator by 3: $3 \times 3 = 9$.
- Choice C is correct.** **(4.MD.A.2)** Sophia reads 15 minutes in the morning and 20 minutes in the evening. Add: $15 + 20 = 35$ minutes. She reads **35** minutes each day.
- Choice B is correct.** **(4.MD.A.1)** Since 1 liter = 1,000 milliliters, multiply: $5,000 \times 1,000 = 5,000,000$ mL. The answer is **5,000,000** mL.
- Choice C is correct.** **(4.NF.B.4)** Let's check: A: $1 \times \frac{1}{8} = \frac{1}{8}$ ✓. B: $4 \times \frac{1}{6} = \frac{4}{6}$ ✓. C: $5 \times \frac{1}{5} = \frac{5}{5} = 1$, not $\frac{5}{10}$ —incorrect! D: $2 \times \frac{1}{3} = \frac{2}{3}$ ✓.
- The correct answer is A, B.** **(4.MD.C.5)** An angle is made of a vertex (the meeting point) and two rays (the sides). A circle, arc, and line are not essential parts of an angle.
- Choice C is correct.** **(4.MD.C.5)** $\frac{7}{12} + \frac{1}{12} = \frac{8}{12} = \frac{2}{3}$ of a full turn. $\frac{2}{3} \times 360^\circ = 240^\circ$.
- Choice A is correct.** **(4.NBT.B.6)** Long division: $1 \div 6 = 0$ r1, bring down the 4 to get $14 \div 6 = 2$ r2, bring down the 2 to get $22 \div 6 = 3$ r4, bring down the 8 to get $48 \div 6 = 8$. The answer is **238**.
- Choice B is correct.** **(4.NF.B.3)** $\frac{2}{3}$ means two pieces, each of size $\frac{1}{3}$. So $\frac{2}{3} = \frac{1}{3} + \frac{1}{3}$ —two unit fractions added together.
- Choice B is correct.** **(4.NF.C.5)** Forty-five hundredths is written as 0.45.
- Choice D is correct.** **(4.NBT.A.3)** We're rounding to the nearest ten thousand. Look at the thousands digit: 5. Since $5 \geq 5$, we round UP! The ten thousands digit changes from 5 to 6, giving us **60,000**. ✓
- Choice B is correct.** **(4.NF.C.5)** Thirty-five hundredths uses both decimal places: $\frac{35}{100} = 0.35$, so the answer is **0.35**.
- Choice B is correct.** **(4.NF.B.3)** The ribbon was cut into two pieces. Piece 1 is $\frac{7}{10}$ meter (dark blue), and Piece 2 is $\frac{2}{10}$ meter (sky blue). Together: $7 + 2 = 9$ tenths, or $\frac{9}{10}$ meter.
- Choice A is correct.** **(4.NF.B.3)** A child and his sister share cookies. Add the amounts: $1\frac{3}{4} + \frac{2}{4} = 2\frac{1}{4}$ cookies total they ate together.
- Choice C is correct.** **(4.G.A.1)** Count each arrow — each one is a ray that starts at point X and shoots off in a different direction. Three arrows means three rays!
- Choice A is correct.** **(4.NF.B.4)** Seven tenths: $7 \times \frac{1}{10} = \frac{7}{10}$.
- Choice D is correct.** **(4.OA.A.3)** Two steps! Step 1: find how many markers are in the boxes. 3 boxes \times 12 markers = 36. Step 2: add the loose markers: $36 + 6 = 42$ markers in total.
- Choice B is correct.** **(4.MD.C.7)** Split the angle equally among all parts: $120^\circ \div 3 = 40^\circ$.
- Choice C is correct.** **(4.G.A.3)** A slanted parallelogram leans to one side and has different side lengths next to each other. Unlike the equilateral triangle (3 lines), rectangle (2 lines), and isosceles triangle (1 line), this shape has zero symmetry. The answer is A slanted parallelogram with unequal adjacent sides.



Scan me!
For more practice
& answers

Inventor's Workshop Note

Hi, Math Inventor!

◇ 5 practice tests. 5 chances to invent new ways to think. You tried things. You changed them. You made your math brain stronger! ◇

★ **Inventors know:** the first try isn't always the best try. Sometimes you fix it. Sometimes you start over. You did all of that! ★

Inventor's Workshop

- **Sketch Pad:** Full of ideas!
- **Toolbox:** Lots of math strategies.
- **Workbench:** Neat and organized.
- **Brave Mind:** You try new things.

Inventor tip: on test day, if your first try doesn't work, switch tools. Inventors don't get stuck on one tool. Pick the right one for the job!

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

Jay Daie

Your Math Inventor

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

With 5 full-length practice tests, a variety of question types, and detailed answer explanations, students get the practice they need to understand math, strengthen critical thinking, and perform their best on test day and beyond.

Ideal 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.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



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 & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ 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.



5 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+