

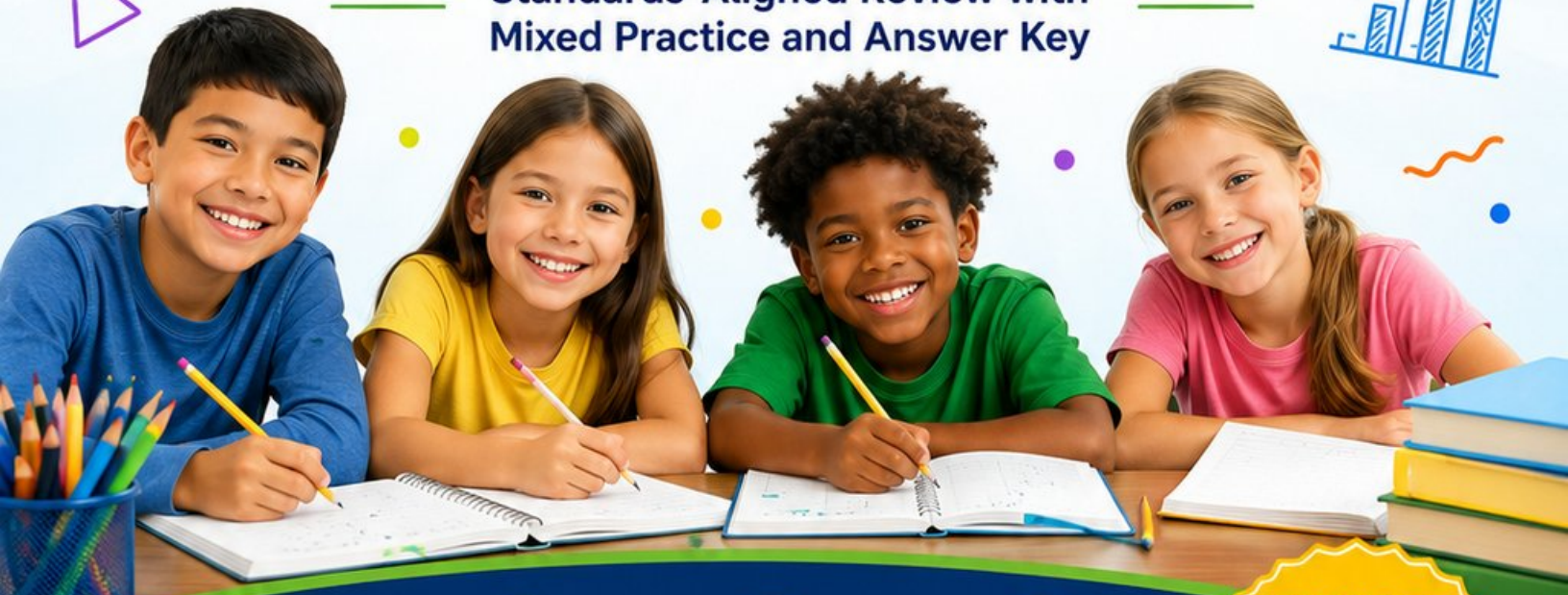
7

Washington

Smarter Balanced

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$



7 Full-Length
Practice Tests



Standards-
Aligned



Build Confidence
and Skills



Mixed Question
Types

**ANSWER
KEY**

INCLUDED

7 Washington Smarter Balanced Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Seven 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!

Seven steady rounds on the Evergreen State math route

This book gives you seven 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?

Seven tests, 210 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 5–7	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

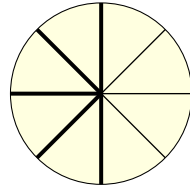
The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	26
★ Practice Test 3	_____	37
★ Practice Test 4	_____	48
★ Practice Test 5	_____	59
★ Practice Test 6	_____	71
★ Practice Test 7	_____	82
Practice Test Answer Keys	_____	92
Practice Test Answers and Explanations	_____	97



Pie divided into eighths

5)

James eats $\frac{1}{8}$ of a pie each day. How much of the pie does he eat in 5 days?

- A. $\frac{1}{40}$ of the pie C. $\frac{5}{40}$ of the pie
 B. $\frac{5}{8}$ of the pie D. $\frac{6}{8}$ of the pie

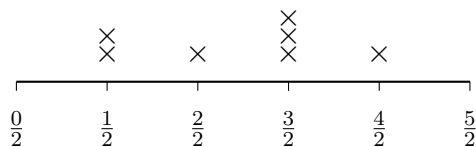
6) Which pair of numbers both round to 7,000 when rounded to the nearest thousand?

- A. 6,499 and 7,501 C. 7,149 and 6,449
 B. 6,501 and 7,999 D. 6,500 and 7,450

7) Which shows the error in this student work? The student said $\frac{1}{4} + \frac{1}{4} = \frac{2}{8}$.

- A. Should not add fractions with same denominators C. The correct answer is $\frac{2}{4}$, not $\frac{2}{8}$
 B. Adding the numerators and denominators separately (mistake) D. Cannot add fractions at all

8) Look at this line plot with halves:



How many more X marks are at $\frac{3}{2}$ than at $\frac{1}{2}$?

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



- 9) Which expression shows the number 5,803 broken into place values?
- A. $(5 \times 1,000) + (8 \times 10) + (3 \times 1)$ C. $(5 \times 100) + (8 \times 100) + (3 \times 1)$
 B. $(8 \times 1,000) + (5 \times 100) + (3 \times 1)$ D. $(5 \times 1,000) + (8 \times 100) + (3 \times 1)$
- 10) Order these fractions from least to greatest: $\frac{1}{6}, \frac{5}{12}, \frac{1}{2}$.
- A. $\frac{1}{2}, \frac{5}{12}, \frac{1}{6}$ C. $\frac{5}{12}, \frac{1}{6}, \frac{1}{2}$
 B. $\frac{1}{6}, \frac{5}{12}, \frac{1}{2}$ D. $\frac{1}{2}, \frac{1}{6}, \frac{5}{12}$
- 11) Two rays form an angle with a measure of 80° . If one part of the angle is 32° , what is the measure of the other part?
- A. 48° C. 112°
 B. 50° D. 35°
- 12) All the factors of 24 are:
- A. 1, 2, 3, 4, 8, 12, 24 C. 2, 3, 4, 6, 8, 12, 24
 B. 1, 2, 4, 6, 8, 12, 24 D. 1, 2, 3, 4, 6, 8, 12, 24
- 13) What is $7\frac{2}{3} - 4\frac{1}{3}$?
- A. $3\frac{1}{3}$ C. $3\frac{2}{3}$
 B. $3\frac{2}{3}$ D. $4\frac{1}{3}$
- 14) Select the **TWO** statements that are true about lines of symmetry in regular polygons.
- A. A regular pentagon has 5 lines of symmetry
 B. A regular hexagon has 6 lines of symmetry
 C. A regular triangle has 6 lines of symmetry
 D. A regular octagon has 4 lines of symmetry
 E. All regular polygons have the same number of lines of symmetry



Scan me!
For more practice
& answers

- 1) Diego draws a rectangle with a length of 6 cm and a width of 4 cm. What is the area of his rectangle?
- A. 10 sq cm C. 24 sq cm
 B. 20 sq cm D. 30 sq cm
- 2) $\frac{5}{8}$ can be written as $\frac{2}{8} + \frac{2}{8} + \frac{1}{8}$. Which other decomposition is correct?
- A. $\frac{1}{8} + \frac{1}{8} + \frac{3}{8}$ C. $\frac{1}{8} + \frac{2}{8} + \frac{1}{8}$
 B. $\frac{2}{8} + \frac{3}{8} + \frac{1}{8}$ D. $\frac{3}{8} + \frac{3}{8} + \frac{1}{8}$
- 3) Complete the comparison: 0.2 _____ 0.21
- A. > C. =
 B. < D. Cannot tell
- 4) What is $6\frac{4}{8} - 3\frac{2}{8}$?
- A. $3\frac{2}{8}$ C. $2\frac{2}{8}$
 B. $3\frac{3}{8}$ D. $4\frac{1}{8}$
- 5) A shop owner buys 5 bottles of cleaner, with 12 fluid ounces in each bottle. How many fluid ounces of cleaner does he buy?
- A. 17 fl oz C. 65 fl oz
 B. 60 fl oz D. 72 fl oz



Scan me!
For more practice
& answers

6) How many copies of $\frac{1}{6}$ are in $\frac{5}{6}$?

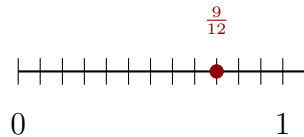
A. 1

C. 6

B. 5

D. $\frac{1}{5}$

7) A number line shows jumps of $\frac{1}{12}$. At what position after 9 jumps?



A. $\frac{1}{12}$

C. $\frac{9}{12}$

B. $\frac{6}{12}$

D. $\frac{12}{12}$

8) Which expression shows the quotient and remainder for $567 \div 8$?

A. 70 r7

C. 71 r1

B. 70 r5

D. 71 r4

9) Which number is a multiple of 7?

A. 45

C. 52

B. 60

D. 49

10) Which attribute is true for a square?

A. Four equal sides and four right angles

C. One pair of parallel sides

D. Four different side lengths

B. Three angles and three sides



1) A rhombus is different from a square because a rhombus:

- A. Does not have four equal sides C. Has more than four sides
 B. May not have four right angles D. Has no parallel sides

2) Each plant needs $\frac{1}{6}$ gallon of water. Olivia has 8 plants. How much water does she need?

- A. $\frac{1}{48}$ gallon C. $\frac{7}{6}$ gallon
 B. $\frac{8}{6}$ gallon or $1\frac{1}{3}$ gallons D. $\frac{8}{1}$ gallon

3) 4 times

7

?

Kai bought 7 notebooks for school. His friend bought 4 times as many notebooks. How many notebooks did his friend buy?

- A. 11 C. 35
 B. 22 D. 28

4) How many endpoints does a line segment have?

--



5) How many degrees does a right angle measure?

- A. 45 degrees C. 120 degrees
 B. 90 degrees D. 180 degrees

6) Which list shows multiples of 3?

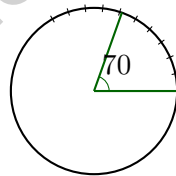
- A. 3, 6, 9, 12, 16 C. 3, 6, 8, 12, 15
 B. 3, 6, 9, 12, 15 D. 3, 5, 9, 12, 15

7) What is $\frac{3}{10}$ as a decimal?

- A. 0.03 C. 3.0
 B. 0.3 D. 0.13

8) A recipe uses $\frac{9}{4}$ cups of flour. This equals how many whole cups and extra fourths?

- A. 1 whole and $\frac{5}{4}$ extra C. 2 wholes and $\frac{9}{4}$ extra
 B. 2 wholes and $\frac{1}{4}$ extra D. 3 wholes and $\frac{1}{4}$ extra



9)

The angle shown measures 70 degrees. How many one-degree angles is this?

- A. 35 one-degree angles C. 140 one-degree angles
 B. 70 one-degree angles D. 7 one-degree angles



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



Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice B is correct.** (4.MD.C.5) An angle always has exactly **2** rays that form its sides.
- Choice A is correct.** (4.NBT.B.6) Long division: $2 \div 2 = 1$, bring down the 1 to get $1 \div 2 = 0$ r1, bring down the 5 to get $15 \div 2 = 7$ r1, bring down the 6 to get $16 \div 2 = 8$. The quotient is **1,078**.
- Choice C is correct.** (4.MD.A.1) Since 1 yard = 3 feet, divide: $12 \div 3 = 4$ yards. The answer is **4** yards.
- Choice A is correct.** (4.NF.B.3) The top bar is a complete whole. The bottom bar shows $\frac{2}{3}$. Together: one whole plus $\frac{2}{3}$ equals $1\frac{2}{3}$ ✓.
- Choice B is correct.** (4.NF.B.4) James eats $\frac{1}{8}$ of the pie each day for 5 days. We multiply: $5 \times \frac{1}{8} = \frac{5}{8}$ of the pie.
- Choice D is correct.** (4.NBT.A.3) For 6,500: hundreds digit is $5 \geq 5$, round UP to 7,000 ✓. For 7,450: hundreds digit is $4 < 5$, round DOWN to 7,000 ✓. Both reach 7,000!
- Choice B is correct.** (4.NF.B.4) When adding fourths, the denominator stays the same! $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$, not $\frac{2}{8}$. The student mistakenly added the denominators.
- Choice A is correct.** (4.MD.B.4) Look at $\frac{1}{2}$ inch: there are 2 X marks. At $\frac{3}{2}$ inches: there are 3 X marks. The difference is $3 - 2 = 1$.
- Choice D is correct.** (4.NBT.A.1) Break 5,803 apart by place: thousands = $5 \times 1,000 = 5,000$, hundreds = $8 \times 100 = 800$, tens = $0 \times 10 = 0$ (we can drop this), ones = $3 \times 1 = 3$. Adding the non-zero parts gives $5,000 + 800 + 3 = 5,803$, which matches choice **B**. ✓
- Choice B is correct.** (4.NF.A.1) Convert to twelfths: $\frac{1}{6} = \frac{2}{12}$, $\frac{5}{12} = \frac{5}{12}$, $\frac{1}{2} = \frac{6}{12}$. Since $2 < 5 < 6$, the order is $\frac{1}{6}$, $\frac{5}{12}$, $\frac{1}{2}$.
- Choice A is correct.** (4.MD.C.7) To find the missing part, subtract what you know from the total: $80^\circ - 32^\circ = \mathbf{48^\circ}$.
- Choice D is correct.** (4.OA.B.4) Walk through the factor pairs: 1×24 , 2×12 , 3×8 , 4×6 . Combine both sides of each pair: **1, 2, 3, 4, 6, 8, 12, 24**. *Tip:* the pairs “meet in the middle”—once they start repeating, you’ve found them all.
- Choice A is correct.** (4.NF.B.3) Subtract the wholes: $7 - 4 = 3$. Subtract the fractions: $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$. The difference is $\mathbf{3\frac{1}{3}}$.
- The correct answer is A, B.** (4.G.A.3) Choice A is correct because a regular pentagon has exactly 5 lines of symmetry. Choice B is correct because a regular hexagon has exactly 6. Choice C is wrong (equilateral triangles have 3, not 6). Choice D is wrong (regular octagons have 8, not 4). Choice E is wrong because different regular polygons have different numbers of symmetry lines!
- The correct answer is 288.** (4.NBT.B.5) This is a word problem asking for the total. Calculate: $24 \times 12 = 24 \times (10 + 2) = 240 + 48 = \mathbf{288}$ people.
- Choice D is correct.** (4.MD.C.6) The ray points to the 140° mark. At this measure, the angle is wider than a right angle but not yet flat, so it’s obtuse. The answer is **140** degrees.
- Choice B is correct.** (4.MD.C.5) A straight angle is a 180° angle, meaning it turns through **180** one-degree angles.
- The correct answer is 60.** (4.NBT.A.2) The tens place (second from right) has the digit 6. Its value: $6 \times 10 = 60$ ✓
- Choice D is correct.** (4.OA.A.2) “2 times as many” is a multiplication clue. Noah’s sister has 2 groups of 7 crayons: $2 \times 7 = 14$ crayons.
- Choice C is correct.** (4.G.A.2) A right triangle is identified by its one right angle, which measures exactly 90 degrees. The other two angles must be acute. The answer is **C**.
- Choice B is correct.** (4.NF.B.3) Ming ate 3 slices out of 12 equal slices, so the fraction is $\frac{3}{12}$. Breaking this into unit fractions: $\frac{3}{12} = \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$ —three slices, each representing $\frac{1}{12}$ of the pizza.
- Choice B is correct.** (4.NF.B.4) The numerator is 8 and the denominator is 10. This means we have 8 copies of $\frac{1}{10}$, which we write as $8 \times \frac{1}{10}$.
- Choice C is correct.** (4.MD.A.2) Step 1: Add the fruit: $2\frac{1}{2} + 1\frac{1}{2} = 4$ kg. Step 2: Add the container: $5 + 4 = 9$ kg. The total mass is **9** kilograms.
- Choice B is correct.** (4.MD.A.3) Using $P = 2\ell + 2w = 80$ with $\ell = 25$: $2(25) + 2w = 80$. Simplify: $50 + 2w = 80$, so $2w = 30$, thus $w = 15$ m.



Scan me!
For more practice
& answers

Notes From Your Math Builder

Hi, Math Builder!

◇ Through 7 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.

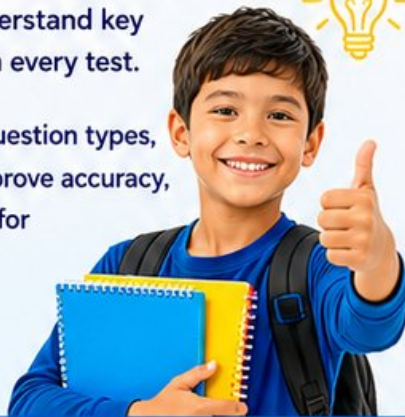
Jay Daie

Your Math Builder

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Confidence Building
- ✓ Skill Reinforcement

★ CONFIDENCE IN MATH.
SUCCESS FOR LIFE.

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.



Academic Success

Strengthen skills needed for future learning.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals & Comparing Numbers
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ 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.



7 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included