

4

Wyoming



WY TOPP

GRADE 4

MATH

PRACTICE TESTS



5 FULL-LENGTH
PRACTICE TESTS



Standards-Aligned Review with
Mixed Practice and Answer Key



STANDARDS-ALIGNED
REVIEW



$$4 \times 7 = 28$$

$$36 \div 9 = 4$$



MIXED PRACTICE
QUESTIONS



ANSWER KEY
INCLUDED



4 Wyoming WY-TOPP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Four focused 30-question missions for Grade 4 math: number facts, fractions, measurement, data, area, shapes, 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, Wyoming Math Explorer!

Four steady rounds on the Cowboy State math route

This book gives you four full Grade 4 practice tests for WY-TOPP. Each round uses open ranges, high plains, and careful test stamina to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Wyoming 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 Wyoming WY-TOPP 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 Cowboy 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?

Four tests, 120 questions, and a full WY-TOPP review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 2–4	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 2–4	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	_____	38
★ Practice Test 4	_____	49
Practice Test Answer Keys	_____	60
Practice Test Answers and Explanations	_____	63

1) Diego has $\frac{5}{10}$ of a granola bar. How many tenths does he have?

- A. 5 tenths C. 2 tenths
 B. 10 tenths D. 15 tenths

2) Write $\frac{9}{12}$ as a sum of three equal fractions. What is each fraction?

3) A non-square rhombus has how many lines of symmetry?

- A. 0 C. 2
 B. 1 D. 4

4) A function rule is “divide by 2.” Complete the table:

Input	4	8	12	20
Output	2	4	6	?

- A. 8 C. 12
 B. 15 D. 10

5) Sam has $1\frac{2}{4}$ yards of red ribbon and $2\frac{1}{4}$ yards of blue ribbon. How many yards of ribbon does Sam have in total?

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



Scan me!
For more practice
& answers

6) Diego cut a submarine sandwich into 8 equal pieces and ate 4 pieces. Maya cut an identical sandwich into 4 equal pieces and ate 2 pieces. Did they eat equivalent amounts?

- A. Yes, both ate $\frac{1}{2}$ C. No, Diego ate more
 B. Yes, both ate $\frac{1}{4}$ D. No, Maya ate more

7) A flower bed had $\frac{8}{12}$ of its space planted with roses. $\frac{3}{12}$ of the space was planted with tulips. How much of the flower bed was planted with roses or tulips?

- A. $\frac{5}{12}$ C. $\frac{11}{24}$
 B. $\frac{11}{12}$ D. $\frac{10}{12}$

8) Is 30 prime or composite?

- A. Prime C. Neither
 B. It depends D. Composite

9) Where does 0.2 belong on this number line?



- A. At position A C. At position C
 B. At position B D. At position D

10) Which two numbers have the same digit in the hundreds place?

- A. 3,421 and 2,394 C. 5,614 and 2,641
 B. 4,583 and 1,867 D. 6,725 and 4,526



1) Mia says $\frac{5}{100} = 0.5$. Is this correct?

A. Yes, both equal 0.5

C. No, $\frac{5}{100} = 5.0$

B. No, $\frac{5}{100} = 0.05$

D. No, $\frac{5}{100} = 0.005$

2) A factory packs 144 toys into crates. Each crate holds 12 toys. How many crates are full? If workers find 9 more toys to pack, how many crates total are needed?

A. 12 full crates, 12 total needed

C. 11 full crates, 12 total needed

B. 144 crates, 13 total

D. 12 full crates, 13 total needed

3) Using partial quotients to divide $1,632 \div 4$, which step correctly shows the next quotient?

$1,632 \div 4$:

Step 1: $1,632 - (4 \times 400) = 32$

Step 2: $32 \div 4 = 8$

Step 3: $400 + 8 = ?$



Quotient: ?

A. The quotient is 500

C. The quotient is 380

B. The quotient is 492

D. The quotient is 408

4) A book bag weighs 5 kilograms. How many grams is this?

A. 500

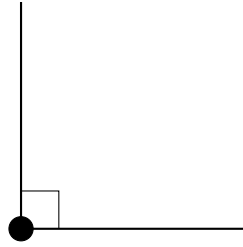
C. 50,000

B. 5,000

D. 500,000



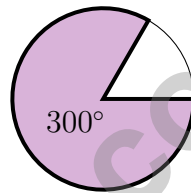
5)



Which of the following has the same size as the angle shown?

- A. An acute angle C. An obtuse angle
 B. A right angle D. A straight angle

6)



If the shaded angle measures 300° , what fraction of a complete turn is this?

- A. $\frac{2}{3}$ C. $\frac{5}{6}$
 B. $\frac{3}{4}$ D. $\frac{4}{5}$

7) A quadrilateral has tick marks on all four sides. How many equal sides are marked?

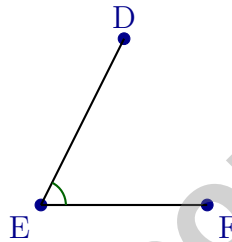


Scan me!
For more practice
& answers

1) Three friends shared a candy bar. Alex ate $\frac{1}{3}$, Blake ate $\frac{2}{5}$, and Chloe ate $\frac{1}{4}$. Who ate the most?

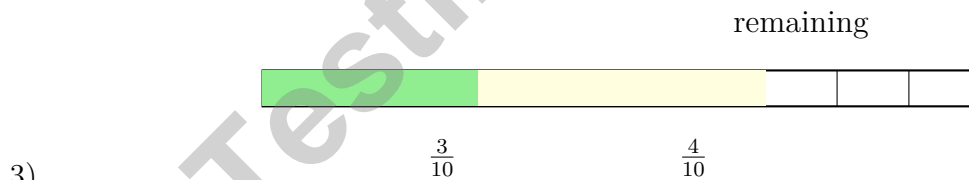
- A. Alex
 C. Chloe
 B. Blake
 D. Alex and Blake ate the same

2) Look at the diagram with points D , E , and F :



Using three letters, which is another correct name for this angle?

- A. Angle FED
 C. Angle EFD
 B. Angle DFE
 D. Angle E



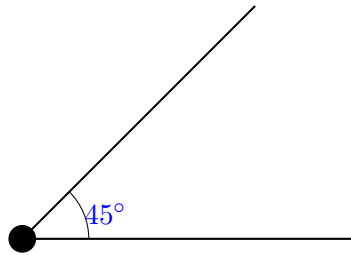
A garden bed uses $\frac{3}{10}$ for vegetables and $\frac{4}{10}$ for flowers. The rest will be herbs. What fraction is for herbs?

- A. $\frac{3}{10}$
 C. $\frac{1}{10}$
 B. $\frac{7}{10}$
 D. $\frac{6}{10}$



Scan me!
For more practice
& answers

4)



An angle measures 45 degrees. Is it acute, right, obtuse, or straight?

 A. Acute C. Obtuse B. Right D. Straight

5) Jacob receives three \$5 bills. How much money is shown?



Three \$5 bills

 A. \$10 C. \$20 B. \$15 D. \$25

6) Which block letter diagram has exactly one line of symmetry?

 A. **F** C. **I** B. **L** D. **Z**

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 A is correct.** (4.NF.G.4) The fraction $\frac{5}{10}$ shows us 5 parts out of 10 equal parts. Since each part is $\frac{1}{10}$, we have 5 copies of $\frac{1}{10}$, or 5 tenths.
- The correct answer is $\frac{3}{12}$.** (4.NF.G.3) Divide $\frac{9}{12}$ into three equal parts: each piece is $\frac{3}{12}$. Check: $3 + 3 + 3 = 9$ ✓.
- Choice C is correct.** (4.G.L.3) A non-square rhombus has a "diamond" shape that balances along both diagonals. Each diagonal splits it into two matching triangles. The answer is 2 lines of symmetry.
- Choice D is correct.** (4.OA.B.4C) Apply the rule "divide by 2" to input 20: $20 \div 2 = 10$.
- Choice C is correct.** (4.NF.G.3) Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$. The total is $3\frac{3}{4}$ yards.
- Choice A is correct.** (4.NF.F.1) Diego ate $\frac{4}{8}$ —simplify: $\frac{4}{8} = \frac{1}{2}$. Maya ate $\frac{2}{4}$ —simplify: $\frac{2}{4} = \frac{1}{2}$. They both ate half!
- Choice B is correct.** (4.NF.G.3) The flower bed has two types of flowers. Add the parts with like denominators: $\frac{8}{12} + \frac{3}{12} = \frac{11}{12}$ of the flower bed was planted.
- Choice D is correct.** (4.OA.B.4C) Hunt for factors beyond 1 and itself. 30 has lots of pairs: 2×15 , 3×10 , 5×6 . With more than two factors, 30 is **composite**.
- Choice A is correct.** (4.NF.H.5) The number line counts by tenths: 0.2 is the very first mark to the right of 0, so it's at position A.
- Choice C is correct.** (4.NBT.D.1) Check each pair's hundreds digits: 5,614 has a 6 in the hundreds place, and 2,641 also has a 6 in the hundreds place. Answer: **5,614** and **2,641**. ✓
- Choice C is correct.** (4.MD.I.2) The number line shows the walker goes 7 km in the morning and 5 km in the afternoon. Add: $7 + 5 = 12$ km. The final distance is **12** kilometers.
- Choice D is correct.** (4.NBT.E.4) Subtract column by column, regrouping as needed. Starting from the ones: we need to regroup the tens and higher places to complete the subtraction. The answer is **4,775**.
- Choice B is correct.** (4.MD.K.5A) When we say an angle measures 30° , that means it is made of **30** one-degree angles.
- The correct answer is A, C.** (4.NF.G.4) A checkmark: three bars, each $\frac{1}{5}$, total $\frac{3}{5}$. C checkmark: three fifths reached by hops. B uses fourths (wrong). D and E show only one fifth (not three).
- Choice D is correct.** (4.OA.A.3B) Two steps! Step 1: find the total students. $4 \times 28 = 112$ students. Step 2: equal groups of 7 means divide: $112 \div 7 = 16$ groups.
- Choice A is correct.** (4.NF.F.1) Convert to common denominator: $\frac{1}{4} = \frac{2}{8}$. Since $\frac{3}{8} > \frac{2}{8}$, Maya ate more.
- Choice C is correct.** (4.NF.H.5) Multiply both the numerator and denominator by 10 to convert: $\frac{9}{10} = \frac{90}{100}$.
- The correct answer is $\frac{6}{5}$.** (4.NF.G.4) Multiply the amount by 3: Making 3 batches, each using $\frac{2}{5}$ cup of flour, means we multiply: $3 \times \frac{2}{5} = \frac{6}{5}$ cups.
- Choice A is correct.** (4.NF.H.5) Compare tenths: $5 > 3$. Among the two with tenths = 5, compare hundredths: $5 > 3$, so $0.55 > 0.53$. Among the two with tenths = 3, compare hundredths: $5 > 3$, so $0.35 > 0.33$.
- Choice A is correct.** (4.NBT.E.6) Round: $47 \approx 50$ and $19 \approx 20$. Then $50 \times 20 = 1000$ is a good estimate of the product.
- Choice B is correct.** (4.MD.I.1) Since 1 kilogram = 1,000 grams, multiply: $3 \times 1,000 = 3,000$ g. The answer is **3,000** g.
- Choice B is correct.** (4.G.L.2) An acute triangle is identified by all three angles being less than 90 degrees. When all angles are acute, the triangle itself is classified as acute. The answer is **B**.
- Choice B is correct.** (4.MD.K.5A) Desks and books have rectangular corners, which are right angles.
- 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 A is correct.** (4.MD.K.7) The angle is split into two parts. Subtract to find the missing one: $165^\circ - 92^\circ = 73^\circ$.
- Choice D is correct.** (4.G.L.1) Perpendicular segments cross at exactly 90° —look for that special little square symbol. Diagram D has it, showing two segments meeting perfectly at right angles.
- Choice D is correct.** (4.MD.K.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.



Scan me!
For more practice
& answers

Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 4 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

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students build strong math skills, master key concepts, and gain the confidence they need to excel.

With 4 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

Perfect 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.



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



4 FULL-LENGTH
PRACTICE TESTS



STANDARDS-
ALIGNED REVIEW



MIXED PRACTICE
QUESTIONS