

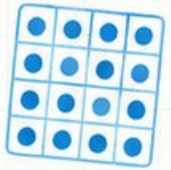
10

$$7 \times 8 = 56$$

$$\begin{array}{r} 32 \\ \times 6 \\ \hline 192 \end{array}$$



$$\frac{3}{4}$$

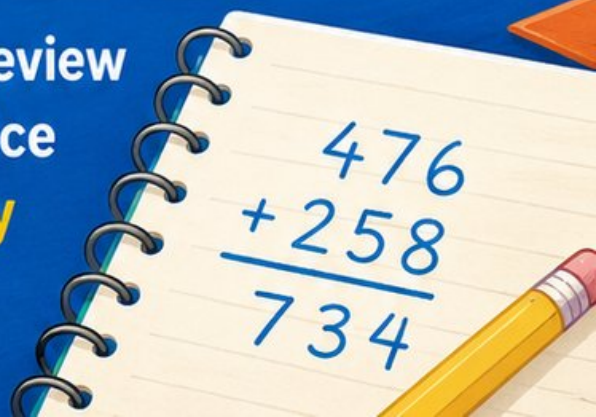


Wyoming WY TOPP GRADE 4 MATH



PRACTICE TESTS

Standards-Aligned Review
with Mixed Practice
and **Answer Key**



10 Wyoming WY-TOPP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 4 practice rounds for WY-TOPP, built around open ranges, high plains, and careful test stamina, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Wyoming Math Explorer!

Ten steady rounds on the Cowboy State math route

This book gives you ten 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?

Ten tests, 300 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 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 Wyoming 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.



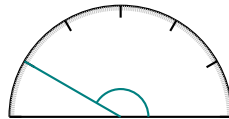
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1) A construction company pours 32 sections of concrete. Each section uses 24 bags of cement. How many bags of cement are needed?

- A. 696 bags C. 850 bags
 B. 920 bags D. 768 bags



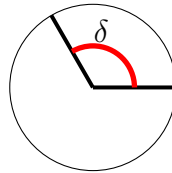
2)

Which angle classification fits the angle shown above?

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

3) Lily had 3 sticker sheets. Her grandmother gave her 4 times as many sticker sheets as Lily already had. How many sticker sheets does Lily have in all?

- A. 7 C. 16
 B. 12 D. 15



4)

What is the measure of angle δ in the diagram?

- A. 90° C. 150°
 B. 120° D. 180°



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5) Which word form matches this place-value chart?

Ten-Thousands	Thousands	Hundreds	Tens	Ones
5	3	7	9	0

- A. Fifty-three thousand, seventy-nine C. Five hundred thirty-seven
 B. Fifty-three thousand, seven thousand, ninety hundred nine D. Fifty-three thousand, seven hundred ninety

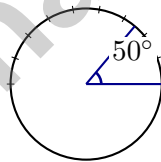
6) Look at the pattern: 30, 25, 20, 15, 10, ... What is the rule?

- A. Add 5 C. Subtract 10
 B. Divide by 2 D. Subtract 5

7) What does $\frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$ equal?

- A. $\frac{9}{9}$ C. $\frac{1}{9}$
 B. $\frac{9}{12}$ D. $\frac{3}{12}$

8)



Diego's angle measures 50 degrees. How many one-degree angles are in his angle?

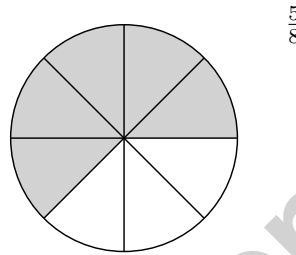
- A. 25 one-degree angles C. 100 one-degree angles
 B. 50 one-degree angles D. 5 one-degree angles



9) A farmer has 7 chickens. She has 5 times as many ducks. How many more ducks than chickens?

- A. 12
- B. 35
- C. 5
- D. 28

10) On a pie chart divided into 8 equal slices, how many slices represent $\frac{5}{8}$ of the pie?



- A. 2 slices
- B. 3 slices
- C. 5 slices
- D. 8 slices

11)

\$2K	\$4K	\$3K	\$2K	\$1K
Monday	Tuesday	Wednesday	Thursday	Friday

The chart shows a store's rounded daily sales, in thousands of dollars. How much more did they sell Monday through Wednesday than Thursday and Friday combined?

- A. \$6,000
- B. \$8,000
- C. \$10,000
- D. \$7,000

12) Mia measures a piece of string as 8 decimeters long. How many centimeters is this?

- A. 0.8
- B. 8
- C. 80
- D. 800



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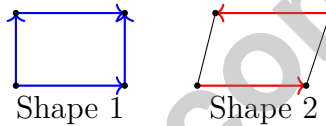
1) If an angle measures 55° , how many one-degree angles make it?

- A. 5.5 one-degree angles C. 110 one-degree angles
 B. 55 one-degree angles D. 550 one-degree angles

2) Which of the following is true about a rhombus that is **not** a square?

- A. It has 4 lines of symmetry C. It has 1 line of symmetry
 B. It has 2 lines of symmetry D. It has no lines of symmetry

3) Look at the two shapes shown. Which one is a trapezoid?



- A. Shape 1 C. Both shapes
 B. Shape 2 D. Neither shape

4) Use these two place-value charts to compare:

	100,000s	10,000s	1,000s	100s	10s	1s
Chart 1	1	2	8	3	7	2
Chart 2	1	2	8	4	2	3

Which is true?

- A. $128,372 > 128,423$ C. $128,372 = 128,423$
 B. Cannot determine D. $128,372 < 128,423$



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5) Marcus reads $\frac{3}{12}$ of a book each day. How much of the book does he read in 4 days?

- A. $\frac{3}{48}$ of the book C. $\frac{4}{12}$ of the book
 B. $\frac{12}{12}$ of the book (or the whole book) D. $\frac{7}{12}$ of the book

6) Write $\frac{5}{10}$ as an equivalent fraction with denominator 100.

- A. $\frac{5}{100}$ C. $\frac{500}{100}$
 B. $\frac{50}{100}$ D. $\frac{50}{10}$

7) Find $4 \times \frac{1}{3}$.

Boxes and Balls

5 boxes: 55 balls

Balls per box = ?

8)

A store arranges 5 boxes of balls. If there are 55 balls total, how many balls are in each box?

- A. 9 C. 10
 B. 12 D. 11 balls

9) A line plot with halves shows measurements: $\frac{1}{2}$ in, $\frac{1}{2}$ in, 1 in, $\frac{3}{2}$ in, 1 in, 1 in, $\frac{3}{2}$ in, 1 in. How many total data points are there?



1) Which statement is true about 0.5 and 0.5?

- A. They are not equal
 B. They are equivalent

- C. One is greater than the other
 D. They cannot be compared

2) Iris has 9 game cards worth 34 points each. What is the total value of all the cards?

- A. 243 points
 B. 380 points

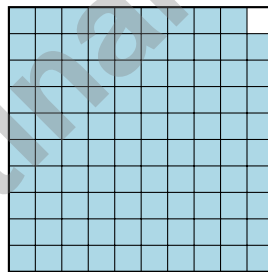
- C. 280 points
 D. 306 points

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

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

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

4) What decimal is shown by the shaded part of the hundredths grid?



99 out of 100 shaded

- A. 0.01
 B. 0.10

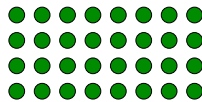
- C. 0.99
 D. 0.90



5) Which pair of measurements is equivalent?

- A. 2 km and 200 m C. 5 cm and 50 mm
 B. 4 m and 4,000 cm D. 6 m and 600 mm

Classroom A



Classroom B

6)

Classroom A has 8 library books. Classroom B has 4 times as many books as Classroom A. How many books does Classroom B have?

- A. 12 C. 40
 B. 24 D. 32

7) When you measure an angle with a protractor, the vertex of the angle should be placed where?

- A. At the center point of the protractor C. At the 0-degree mark
 B. At the top of the protractor D. Anywhere on the flat edge

8) 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



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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.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice D is correct.** (4.NBT.E.6) Distribute: $32 \times (20 + 4) = 640 + 128 = 768$ bags.
- Choice C is correct.** (4.MD.K.6) Obtuse angles are wider than right angles but not quite flat. Since 150° is between 90° and 180° , it fits the obtuse definition perfectly. The answer is obtuse.
- Choice D is correct.** (4.OA.A.2) Two steps! Step 1: Grandma gave Lily $4 \times 3 = 12$ more sheets. Step 2: Add what Lily already had: $3 + 12 = 15$ sheets in all.
- Choice B is correct.** (4.MD.K.5A) The diagram shows an angle spanning from the right to an upper-left ray. The measure is 120° .
- Choice D is correct.** (4.NBT.D.2) From the chart: ten-thousands and thousands give “fifty-three thousand”; hundreds and tens give “seven hundred ninety” ✓
- Choice D is correct.** (4.OA.B.4C) Check the differences: $30 - 25 = 5$, $25 - 20 = 5$. Each term is 5 less. The rule is “subtract 5”. ✓
- Choice B is correct.** (4.NF.G.3) We have 9 unit fractions of $\frac{1}{12}$. Counting them: 9 pieces, each $\frac{1}{12}$, so the sum is $\frac{9}{12}$.
- Choice B is correct.** (4.MD.K.5A) Diego’s angle measures 50° , so it is made of 50 one-degree angles.
- Choice D is correct.** (4.OA.A.2) Step 1: find the ducks: $7 \times 5 = 35$. Step 2: “how many more” is a subtraction: $35 - 7 = 28$. The farmer has 28 more ducks than chickens.
- Choice C is correct.** (4.NF.G.4) The circle is divided into 8 equal slices. The fraction $\frac{5}{8}$ means 5 of those slices are shaded. So there are 5 slices.
- Choice A is correct.** (4.NBT.E.4) Step 1: Add Mon-Wed: $2,000 + 4,000 + 3,000 = 9,000$. Step 2: Add Thu-Fri: $2,000 + 1,000 = 3,000$. Step 3: Subtract: $9,000 - 3,000 = 6,000$.
- Choice C is correct.** (4.MD.I.1) Since 1 decimeter = 10 centimeters, multiply: $8 \times 10 = 80$ cm. The answer is 80 cm.
- Choice A is correct.** (4.MD.I.2) There are 240 ounces of rice to divide equally into 4 bins. Divide: $240 \div 4 = 60$ ounces. Each bin gets 60 ounces.
- Choice D is correct.** (4.NBT.D.1) The digit 5 is in the thousands place. Its value is $5 \times 1,000 = 5,000$. ✓
- The correct answer is D, E.** (4.NF.G.4) Check each option: A gives $\frac{3}{4}$, B gives $\frac{2}{3}$, C gives $\frac{2}{3}$. Only D ($5 \times \frac{1}{5} = 1$) and E ($2 \times \frac{1}{2} = 1$) equal 1 whole.
- Choice A is correct.** (4.NBT.D.3) We’re rounding to the nearest ten thousand. Look at the thousands digit: 3. Since $3 < 5$, we round DOWN to 40,000 books. ✓
- The correct answer is 0.9.** (4.NF.H.5) Nine tenths fills the first decimal place: $\frac{9}{10} = 0.9$.
- Choice C is correct.** (4.NF.G.3) Option C: $2 + 5 = 7$, so $\frac{2}{10} + \frac{5}{10} = \frac{7}{10}$, not $\frac{8}{10}$. The answer is C ✓.
- Choice D is correct.** (4.NF.F.1) The bars show us! The blue bar for $\frac{3}{4}$ is longer than the coral bar for $\frac{2}{4}$. Bigger shaded area means bigger fraction.
- Choice A is correct.** (4.MD.J.4) At $\frac{1}{4}$ inch there are 2 X marks. At $\frac{3}{4}$ inch there are 3 X marks. The difference is $3 - 2 = 1$.
- Choice C is correct.** (4.OA.A.3B) Two steps! Step 1: find how many cookies are left after giving some away. $50 - 14 = 36$ cookies. Step 2: equal bags means divide: $36 \div 4 = 9$ cookies per bag.
- Choice C is correct.** (4.NF.G.4) Each jump is $\frac{1}{12}$. After 9 jumps, we reach $9 \times \frac{1}{12} = \frac{9}{12}$.
- The correct answer is $1\frac{1}{4}$.** (4.NF.G.3) Add fourths: $3 + 2 = 5$ fourths. That’s $\frac{5}{4}$, which is more than one whole, so it equals $1\frac{1}{4}$.
- Choice C is correct.** (4.OA.B.4C) Skip-count by 10 from 10 up to 50: 10, 20, 30, 40, 50. That’s 5 multiples in the range. Quick way: $50 \div 10 = 5$.
- Choice C is correct.** (4.G.L.2) An equilateral triangle has all three sides equal in length. The tick marks on all three sides confirm that each side is the same length, making this an equilateral triangle. The answer is C.
- The correct answer is $\frac{90}{100}$.** (4.NF.H.5) Place-value reasoning: 1 tenth equals 10 hundredths, so 9 tenths equals $9 \times 10 = 90$ hundredths. Written as fractions: $\frac{9}{10} = \frac{9 \times 10}{10 \times 10} = \frac{90}{100}$. To check, both fractions name the same shaded region on a 10×10 grid (each $\frac{1}{10}$ column equals 10 of the $\frac{1}{100}$ squares). ✓



Hi, Strong Climber!

◇ You climbed all 10 tests. One step at a time. That takes patience and grit. The view from the top is amazing because you earned it! ◇

★ **Mountain guides say:** steady steps win the climb. You climbed steady. You stayed strong. ★

Climber's Skills

- **Strong Steps:** You move forward, problem by problem.
- **Steady Pace:** You don't rush. You don't stop.
- **Map Skills:** You read questions carefully.
- **Top of the Mountain:** You can finish a long test.

Guide's tip: on test day, take small breaths between problems. One foot, then the next. You'll reach the top!

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

Jay Daie

Your Math Trail Guide

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, boost confidence, and succeed in the classroom and beyond. With 10 full-length practice tests that reflect real test formats, students get the targeted practice they need to master key concepts, improve problem-solving abilities, and achieve their goals.

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- ✓ Homework & Review
- ✓ Test Preparation

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Develop critical thinking and solve problems with confidence.



Test Confidence

Familiarize with test formats and reduce exam stress.



Track Progress

Measure improvement and focus on areas that matter.



Achieve Success

Build the skills and confidence to reach higher goals.

TOPICS COVERED:

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