

5 Wyoming WY TOPP

Standards-Aligned Review with
Mixed Practice and Answer Key



5 Wyoming WY-TOPP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five 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.

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Welcome, Wyoming Math Explorer!

Five steady rounds on the Cowboy State math route

This book gives you five 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?

Five tests, 150 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 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.



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& answers

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4) Mia bought 2,310 beads to share equally among herself and 4 friends (5 people total). How many beads does each person get?

A. 462

C. 450

B. 448

D. 458

5) Convert $\frac{5}{10}$ to a fraction with denominator 100.

6) If you move the digit 4 from the tens place to the thousands place, how many times greater does its value become?

A. 10 times

C. 1,000 times

B. 2 times

D. 100 times

7) Which phrase names the value of the decimal 0.35?

A. Thirty-five hundredths

C. Thirty-five tenths

B. Thirty-five wholes

D. Three and five hundredths

8) Which fraction equals $\frac{3}{4}$?

A. $\frac{6}{8}$

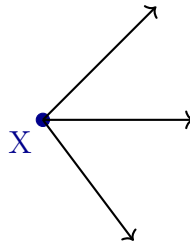
C. $\frac{5}{12}$

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

D. $\frac{5}{8}$



9) In this diagram, how many rays start at point X ?

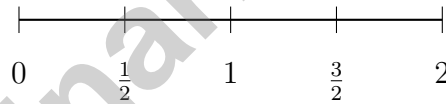


- A. 1 ray C. 3 rays
 B. 2 rays D. 4 rays

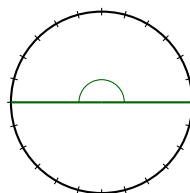
10) Which of these letters does **not** have a line of symmetry?

- A. M C. T
 B. O D. Z

11) Maya drew a number line with hops of $\frac{1}{2}$. How many hops to go from 0 to $\frac{3}{2}$?



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



straight angle

12)

A straight angle is shown above. How many one-degree angles make a straight angle?

- A. 90 one-degree angles C. 360 one-degree angles
 B. 180 one-degree angles D. 270 one-degree angles



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1) A movie theater sold 4,032 tickets over 6 days. If the same number of tickets was sold each day, how many tickets were sold per day?

A. 672

C. 662

B. 682

D. 652

2) $\frac{\boxed{?}}{4} = 28$

A school has 28 basketballs. The number of basketballs is 4 times the number of soccer balls. How many soccer balls does the school have?

3) What is $6,001 - 2,345$?

A. 3,656

C. 4,656

B. 3,756

D. 3,556

4) In the number 1,111, which relationship is true?

Thousands	Hundreds	Tens	Ones
1	1	1	1

A. The ones value is 10 times the tens value.

C. The tens value is 100 times the ones value.

B. The thousands value is 10 times the tens value.

D. The hundreds value is 10 times the tens value.



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5) Which metric measurement is the longest?

- A. 2 kilometers C. 3,500 meters
 B. 9,000 meters D. 15 kilometers

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) What is $7 \times \frac{1}{5}$ as a mixed number?

- A. $\frac{1}{35}$ C. $2\frac{2}{5}$
 B. $\frac{7}{1}$ D. $\frac{7}{5}$ or $1\frac{2}{5}$

8) Which multiplication sentence matches $\frac{4}{10}$?

- A. $10 \times \frac{1}{4}$ C. $6 \times \frac{1}{10}$
 B. $4 \times \frac{1}{10}$ D. $\frac{1}{4} \times 10$

9) A pattern shows figures made of small squares arranged in columns:



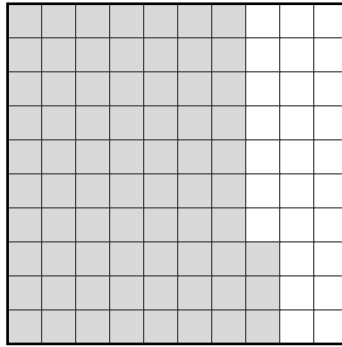
Figure 1 Figure 2 Figure 3

How many unit squares are in Figure 6?

- A. 18 C. 24
 B. 28 D. 21



1) Look at the grid below with hundredths shaded.



What decimal is shown?

- A. 0.62
- B. 0.72
- C. 0.73
- D. 0.82

2) Round 34,750 to the nearest thousand.

3) A water jug contains 3 liters. How many milliliters is this?

- A. 300
- B. 3,000
- C. 30,000
- D. 300,000



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4) Diego used $\frac{9}{10}$ of his water supply. He used $\frac{6}{10}$ on the hike and $\frac{3}{10}$ at camp. Which shows this decomposition?

A. $\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$

C. $\frac{7}{10} + \frac{1}{10} = \frac{8}{10}$

B. $\frac{5}{10} + \frac{3}{10} = \frac{8}{10}$

D. $\frac{8}{10} + \frac{2}{10} = \frac{10}{10}$

5) Find $\frac{5}{7} + \frac{3}{7}$ as a mixed number.

6) A basketball game starts at 6:00 p.m. and ends at 8:30 p.m. How long is the game?

Start	End
6:00 p.m.	8:30 p.m.

A. 1 hour

C. 2 hours 30 minutes

B. 2 hours

D. 3 hours

7) What is $3,456 \div 4$?

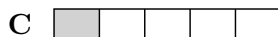
A. 836

C. 856

B. 846

D. 864

8) Which fraction bar correctly shows $2 \times \frac{1}{5}$?



A. Picture A

C. Picture C

B. Picture B

D. Picture D

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 B is correct.** **(4.MD.K.5A)** A circle is 360° total, and each sector is 60° : $360^\circ \div 60^\circ = 6$ sectors.
- Choice A is correct.** **(4.NF.F.1)** Find common denominator 12: $\frac{5}{6} = \frac{10}{12}$ and $\frac{3}{4} = \frac{9}{12}$. Since $\frac{10}{12} > \frac{9}{12}$, Noah used more paint.
- Choice B is correct.** **(4.NF.G.4)** Picture B shows two bars: the top bar has $\frac{1}{3}$ shaded, and the bottom bar also has $\frac{1}{3}$ shaded. Together they show $1 + 1 = 2$ copies of $\frac{1}{3}$.
- Choice A is correct.** **(4.NBT.E.6)** Use long division: $23 \div 5 = 4$ r3, bring down the 1 to get $31 \div 5 = 6$ r1, bring down the 0 to get $10 \div 5 = 2$. Each person gets **462** beads.
- The correct answer is $\frac{50}{100}$.** **(4.NF.H.5)** Think about place value: 1 tenth = 10 hundredths (because each tenth strip splits into 10 hundredth squares). So 5 tenths = $5 \times 10 = 50$ hundredths. Written as fractions: $\frac{5}{10} = \frac{5 \times 10}{10 \times 10} = \frac{50}{100}$. ✓
- Choice D is correct.** **(4.NBT.D.1)** Moving the digit 4 from tens (40) to thousands (4,000) increases its value by the ratio $4,000 \div 40 = 100$ times. ✓
- Choice A is correct.** **(4.NF.H.5)** The decimal 0.35 reads as “zero point thirty-five,” which is named thirty-five hundredths.
- Choice A is correct.** **(4.NF.F.1)** Multiply both the numerator and denominator by 2: $\frac{3}{4} = \frac{3 \times 2}{4 \times 2} = \frac{6}{8}$.
- Choice C is correct.** **(4.G.L.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 D is correct.** **(4.G.L.3)** The letter *Z* slants in one direction only. If you fold it any way—up and down, left and right, or diagonally—the halves don’t match. The answer is letter **Z**.
- Choice C is correct.** **(4.NF.G.4)** Maya hops by halves: $\frac{1}{2}, \frac{2}{2}, \frac{3}{2}$. After 3 hops, she reaches $\frac{3}{2}$.
- Choice B is correct.** **(4.MD.K.5A)** A straight angle is a 180° angle, meaning it turns through **180** one-degree angles.
- Choice D is correct.** **(4.NF.G.3)** Add the wholes: $1 + 0 + 1 = 2$. Add the fractions: $\frac{5}{8} + \frac{3}{8} = \frac{8}{8} = 1$. Combine: $2 + 1 = 3$.
- Choice B is correct.** **(4.NF.G.4)** Six servings, each $\frac{1}{3}$ pound, give us $6 \times \frac{1}{3} = \frac{6}{3} = 2$ pounds of pasta.
- Choice C is correct.** **(4.G.L.2)** A rhombus has the property of having all four sides equal. Rectangles have opposite sides equal, but not all four sides equal (unless it’s a square). Both shapes have two pairs of parallel sides. The answer is **C**.
- The correct answer is A, C.** **(4.NF.G.4)** A: $4 \times \frac{3}{5} = \frac{4 \times 3}{5} = \frac{12}{5}$. ✓. C: $3 \times \frac{4}{5} = \frac{3 \times 4}{5} = \frac{12}{5}$. ✓. B: $6 \times \frac{2}{3} = \frac{12}{3} = 4$ (not $\frac{12}{5}$). D: $2 \times \frac{1}{5} = \frac{2}{5}$ (not $\frac{12}{5}$). E: $3 \times \frac{2}{5} = \frac{6}{5}$ (not $\frac{12}{5}$). The answers are **A** and **C**.
- Choice D is correct.** **(4.NBT.D.3)** We’re rounding to the nearest ten. Look at the ones digit: 8. Since $8 \geq 5$, we round UP! The tens digit changes from 7 to 8, so the answer is **15,680**. ✓
- The correct answer is 112.** **(4.MD.I.1)** Since 1 pound = 16 ounces, multiply: $7 \times 16 = 112$ ounces.
- Choice D is correct.** **(4.OA.A.2)** The bar model shows the friend’s bar split into 3 equal pieces, each the size of Elena’s 2 books. So we multiply: $3 \times 2 = 6$ books.
- Choice D is correct.** **(4.OA.B.4C)** Find the difference: $16 - 8 = 8$, $24 - 16 = 8$, $32 - 24 = 8$. Each term increases by 8. ✓
- Choice A is correct.** **(4.NF.G.3)** Three friends share one sub. Step 1: Add Friends A and B: $\frac{4}{10} + \frac{3}{10} = \frac{7}{10}$. Step 2: Friend C eats what’s left: $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$.
- Choice D is correct.** **(4.OA.A.3B)** Two steps! Step 1: find the total cups: 8 pitchers \times 9 cups = 72 cups. Step 2: take away the cups sold: $72 - 36 = 36$ cups left.
- Choice B is correct.** **(4.MD.J.4)** At $\frac{2}{4}$ inch there are 3 X marks. At $\frac{3}{4}$ inch there is 1 X mark. The difference is $3 - 1 = 2$.
- Choice C is correct.** **(4.MD.K.5A)** A right angle has a perfect square corner, like the corner of a piece of paper.
- Choice D is correct.** **(4.NBT.D.2)** Thousands: 423, ones: 51. Combined: $423,000 + 51 = 423,051$ ✓
- Choice B is correct.** **(4.NF.G.3)** The path started at $\frac{10}{12}$ meter. Rain washed away $\frac{4}{12}$ meter. What’s left: $10 - 4 = 6$ twelfths, or $\frac{6}{12}$ meter.



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Hi, Hero!

◇ Once there was a Grade 4 student who took 5 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

Storyteller tip: on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

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

Jay Daie

Your Math Storyteller

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.

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