

4

Wisconsin

Forward Exam

GRADE 4

MATH

PRACTICE TESTS



5 FULL-LENGTH
PRACTICE TESTS



Standards-Aligned Review with
Mixed Practice and Answer Key



STANDARDS-ALIGNED
REVIEW



MIXED PRACTICE
QUESTIONS



ANSWER KEY
INCLUDED



$$4 \times 7 = 28$$

$$36 \div 9 = 4$$



4 Wisconsin Forward Exam 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.

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Welcome, Wisconsin Math Explorer!

Four steady rounds on the Badger State math route

This book gives you four full Grade 4 practice tests for Forward Exam. Each round uses lake shores, dairy farms, and dependable fact fluency to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Wisconsin 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 Wisconsin Forward Exam 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 Badger 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 Forward Exam 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.

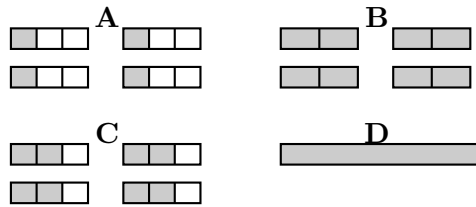


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1) Which picture shows $4 \times \frac{2}{3}$?



- A. Top-left picture
 B. Top-right picture

- C. Bottom-left picture
 D. Bottom-right picture

2) What is 5×234 ?

- A. 1170
 B. 965

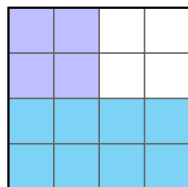
- C. 1070
 D. 855

3) A baker has $3\frac{2}{5}$ pounds of almonds. She uses $2\frac{1}{5}$ pounds in a recipe. How many pounds of almonds are left?



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4) A 4×4 grid has 16 equal squares. The shaded part is decomposed into two regions:

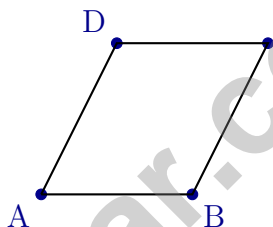


Which shows the decomposition?

- A. $\frac{4}{16} + \frac{8}{16}$
- B. $\frac{6}{16} + \frac{10}{16}$

- C. $\frac{12}{16} + \frac{4}{16}$
- D. $\frac{8}{16} + \frac{8}{16}$

5) How many vertices are shown in this figure?



- A. 2 vertices
- B. 3 vertices

- C. 4 vertices
- D. 5 vertices

6) Which pair of fractions can be compared using $\frac{1}{2}$ as a benchmark?

- A. $\frac{1}{8}$ and $\frac{2}{8}$
- B. $\frac{3}{10}$ and $\frac{4}{5}$

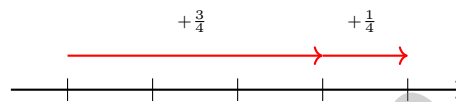
- C. $\frac{5}{6}$ and $\frac{5}{8}$
- D. $\frac{3}{4}$ and $\frac{2}{3}$

7) What is $6 \times \frac{1}{6}$?

1) A slanted parallelogram that is not a rectangle or a rhombus has how many lines of symmetry?

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

2) Which number line shows $\frac{3}{4} + \frac{1}{4} = 1$?



- A. Starts at 0, hops to $\frac{1}{2}$ C. Starts at $\frac{1}{4}$, hops to 1
 B. Starts at 0, hops to $\frac{3}{4}$, then to 1 D. Starts at $\frac{1}{2}$, hops to 1

3) A bake sale made 1,800 cookies. They filled boxes with 9 cookies in each box. How many full boxes were made?

- A. 100 C. 200
 B. 150 D. 250

4) Count the multiples of 8 between 1 and 60 using the table:

8	16	24	32
40	48	56	next is 64

How many multiples of 8 are there up to 60?

- A. 6 C. 8
 B. 9 D. 7



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5) A pizza was cut into 12 slices. Marcus ate $\frac{3}{12}$ of the pizza and Sofia ate $\frac{4}{12}$. What fraction of the pizza remains?

A. $\frac{7}{12}$

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

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

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

6) Kai has 15 toy cars. His mom gives him 9 more. He puts them all into 4 equal boxes. How many cars are in each box?

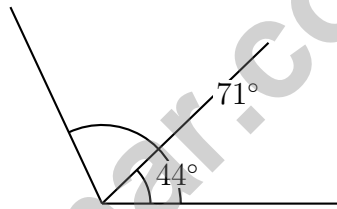
A. 8

B. 5

C. 9

D. 6

7) Look at the angle diagram. An angle is divided by a ray into two parts measuring 44° and 71° .



What is the total angle measure?

A. 115°

B. 27°

C. 145°

D. 180°

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

A. 6,499 and 7,501

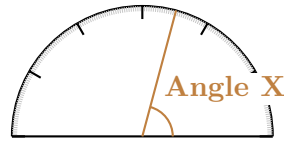
B. 6,501 and 7,999

C. 7,149 and 6,449

D. 6,500 and 7,450



5)



What is the best estimate of the angle shown as Angle X?

- A. About 60 degrees C. About 90 degrees
 B. About 75 degrees D. About 120 degrees
- 6) On a line plot with eighths, there are 1 X mark at $\frac{1}{8}$, 2 X marks at $\frac{3}{8}$, and 3 X marks at $\frac{5}{8}$. How many total X marks are shown?

- 7) Two rays form an angle of 127° . One ray is rotated to create a smaller angle of 39° with the other ray. What is the angle that was swept during the rotation?
- A. 88° C. 39°
 B. 166° D. 90°
- 8) A bookstore has two registers. Register A has \$0.96 in coins. Register B has \$0.69 in coins. Which register has more money?
- A. Register A (\$0.96) C. Both registers have the same amount
 B. Register B (\$0.69) D. Register B has more



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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 C is correct.** (M.4.NF.B.4) For $4 \times \frac{2}{3}$, we need 4 bars, each divided into 3 parts with 2 parts shaded in each bar. Picture C shows four bars with two-thirds shaded in each. The answer is Picture C.
- Choice A is correct.** (M.4.NBT.B.5) Break 234 into hundreds, tens, and ones: $5 \times (200 + 30 + 4) = 1000 + 150 + 20 = 1170$.
- The correct answer is $1\frac{1}{5}$.** (4.NF.B.3b) The baker used some almonds from her supply. Subtract the amount used: $3\frac{2}{5} - 2\frac{1}{5} = 1\frac{1}{5}$ pounds of almonds remain.
- Choice A is correct.** (4.NF.B.3b) Count the shaded squares. Light: 4 squares out of 16. Dark: 8 squares. Together: $4 + 8 = 12$, so $\frac{4}{16} + \frac{8}{16} = \frac{12}{16} \checkmark$.
- Choice C is correct.** (M.4.G.A.1) A vertex is a corner where two sides come together. This four-sided figure has four corners, so it has four vertices.
- Choice B is correct.** (M.4.NF.A.1a) Use $\frac{1}{2}$ as a benchmark: $\frac{3}{10} < \frac{1}{2}$ (only 3 out of 10 parts) but $\frac{4}{5} > \frac{1}{2}$ (four fifths is more than half). The benchmark separates them!
- The correct answer is 1.** (M.4.NF.B.4) Six sixths: $6 \times \frac{1}{6} = \frac{6}{6} = 1$.
- Choice C is correct.** (M.4.MD.B.4) Add up all the X marks at each position: $2 + 4 + 1 = 7$ X marks in total.
- Choice A is correct.** (M.4.MD.A.2) There are 156 minutes of rehearsal for 4 days. Divide equally: $156 \div 4 = 39$ minutes. Each day has 39 minutes of rehearsal.
- Choice B is correct.** (4.NF.B.3b) Subtraction with same denominator: $7 - 3 = 4$, keep the denominator. Answer: $\frac{4}{10}$.
- Choice D is correct.** (M.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 B is correct.** (M.4.NF.B.4) Each portion is worth $\frac{1}{12}$ of the cake. With 6 portions, we have $6 \times \frac{1}{12} = \frac{6}{12}$ of the cake.
- Choice D is correct.** (M.4.OA.B.4) Find the difference: $16 - 8 = 8$, $24 - 16 = 8$, $32 - 24 = 8$. Each term increases by 8. \checkmark
- Choice C is correct.** (M.4.MD.C.6) This angle measures about 95° , which is more than 90° but less than 180° . That's the definition of obtuse, so the answer is obtuse.
- Choice A is correct.** (M.4.NF.B.4) With 3 bars and each showing $\frac{2}{4}$ shaded, we have $3 \times \frac{2}{4} = \frac{6}{4} = 1\frac{1}{2}$ shaded in total.
- The correct answer is B, C.** (M.4.MD.A.1) Check each option. A: 50 cm = 0.5 m, wrong. B: 500 cm = 5 m, correct! C: 5,000 mm = 5 m, correct! D: 5,000 cm = 50 m, wrong. E: 5 m = 0.005 km, not 0.05 km. The correct answers are B and C.
- Choice C is correct.** (M.4.G.A.3) The block letter T has one vertical line of symmetry down the center. The left and right halves match, but the top and bottom halves do not. The answer is choice C.
- Choice A is correct.** (4.NF.B.3b) Check choice A: $2\frac{1}{2} + 2 = 4\frac{1}{2}$. Correct! Add wholes: $2 + 2 = 4$, and keep the fraction: $\frac{1}{2}$. The others give different answers: B equals 3, C equals 5, D equals $3\frac{1}{2}$.
- Choice A is correct.** (M.4.MD.C.5) Compare the fractions: $\frac{1}{2} = 0.5$, $\frac{1}{3} \approx 0.33$, $\frac{2}{5} = 0.4$, $\frac{1}{4} = 0.25$. The largest fraction is $\frac{1}{2}$.
- Choice B is correct.** (M.4.NF.C.5) All three have tenths = 7, so compare hundredths: $0 < 5 < 8$. Thus $0.70 < 0.75 < 0.80$.
- Choice C is correct.** (M.4.OA.B.4) Even numbers (divisible by 2) end in 0, 2, 4, 6, or 8. 49 ends in 9—odd—so it's not divisible by 2. The others (24, 36, 50) all end in even digits.
- Choice C is correct.** (4.NF.B.3b) Check the others: $\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$ (same as $\frac{2}{4}$), and $\frac{2}{8} + \frac{2}{8} = \frac{4}{8} = \frac{1}{2}$ (also the same). But $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$, which is NOT equal to $\frac{2}{4}$. So $\frac{1}{3} + \frac{1}{3}$ is the answer.
- Choice C is correct.** (M.4.OA.A.3) The tape diagram shows 7 guitars at \$6 each—"each" with a count is a multiplication clue. Step 1: set up: $7 \times \$6$. Step 2: solve: $7 \times 6 = 42$, so the store spends \$42. *Quick check:* $\$42 \div 7 = \6 per guitar. \checkmark
- Choice D is correct.** (M.4.NBT.B.6) Divide: $15 \div 7 = 2$ r1, bring down the 1 to get $11 \div 7 = 1$ r4, bring down the 2 to get $42 \div 7 = 6$. Each charity receives \$216.



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Hi, Brave Explorer!

◇ What a trip! You explored 4 full tests. You went to many math places: multiplication, fractions, area, time, and more. ◇

★ **Smart explorers know:** every trip teaches something. Through 4 tests, you learned a lot. You are a stronger math explorer now. ★

Your Explorer Tools

- **Map Reading:** You read problems carefully.
- **Trail Skills:** You take steps in the right order.
- **Backpack:** You have many math tools.
- **Brave Heart:** You explore even hard problems.

Explorer tip: on test day, use the tools you packed. You have the skills. You are ready!

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, 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!



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