

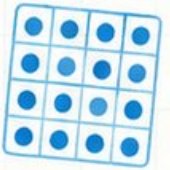
10

$$7 \times 8 = 56$$

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



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



Wisconsin

Forward Exam

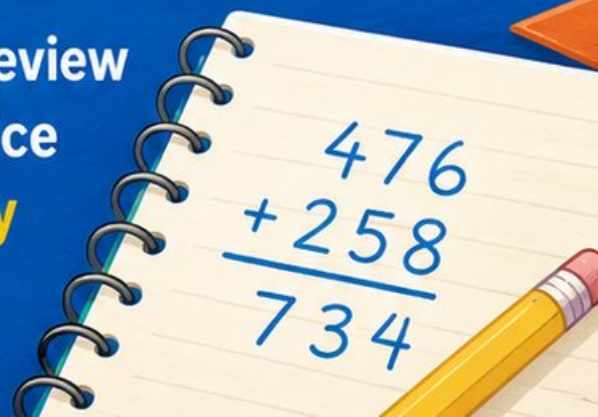
GRADE 4

MATH



PRACTICE TESTS

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



10 Wisconsin Forward Exam Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 4 practice rounds for Forward Exam, built around lake shores, dairy farms, and dependable fact fluency, 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, Wisconsin Math Explorer!

Ten steady rounds on the Badger State math route

This book gives you ten 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?

Ten tests, 300 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 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 Wisconsin 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.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	19
★ Practice Test 2	_____	30
★ Practice Test 3	_____	41
★ Practice Test 4	_____	53
★ Practice Test 5	_____	64
★ Practice Test 6	_____	75
★ Practice Test 7	_____	87
★ Practice Test 8	_____	98
★ Practice Test 9	_____	109
★ Practice Test 10	_____	121
Practice Test Answer Keys	_____	131
Practice Test Answers and Explanations	_____	137

1) A garden hose is 50 feet long. How many whole yards is this?

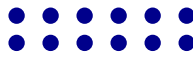
A. 15

C. 17

B. 16

D. 18

Mira: 6 books



Raj: 2 times

2)

Mira has 6 books. Raj has 2 times as many books as Mira. How many books does Raj have?

A. 8

C. 14

B. 10

D. 12

3) By what number do you multiply both the numerator and denominator of $\frac{3}{5}$ to get $\frac{12}{20}$?

A. 2

C. 4

B. 3

D. 5

4) What is $8,432 - 3,657$?

A. 4,225

C. 5,225

B. 5,775

D. 4,775



Scan me!
For more practice
& answers

5) In a four-digit number, the thousands digit is 3, the hundreds digit is 4, the tens digit is 2, and the ones digit is 6. What is the number?

A. 4,236

C. 2,346

B. 6,243

D. 3,246

6) What is $\frac{11}{12} - \frac{6}{12}$?

A. $\frac{5}{24}$

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

B. $\frac{17}{12}$

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

7) Zoe ate $\frac{2}{10}$ of a pizza and her brother ate $\frac{1}{5}$ of the same pizza. Who ate more?

A. Zoe ate more

C. They ate the same amount

B. Her brother ate more

D. Cannot determine

8) Which statement matches the equation $12 = 3 \times 4$?

A. 12 is 4 more than 3

C. 12 plus 3 equals 4

B. 12 is 3 less than 4

D. 12 is 3 times as many as 4

9) Find $6\frac{5}{8} - 3\frac{7}{8}$.

10) What is 31×21 ?

A. 651

C. 551

B. 341

D. 52



1) The school cafeteria served 1,250 lunches last month. What is the value of the digit 2 in this number?

A. 2

C. 200

B. 20

D. 2,000

2) A poster is a rectangle with a length of 11 inches and a width of 8 inches. What is its perimeter?

A. 19 in

C. 88 in

B. 38 in

D. 43 in

3) The trail to the tallest building in the city is 4 kilometers long. How many meters is this?

A. 400

C. 40,000

B. 4,000

D. 400,000

4) What fraction is equivalent to $\frac{1}{2}$?

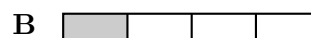
A. $\frac{2}{5}$

C. $\frac{3}{6}$

B. $\frac{3}{5}$

D. $\frac{2}{3}$

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



A. Picture A

C. Picture C

B. Picture B

D. Picture D

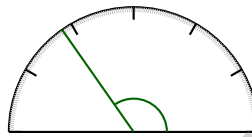


6) Which type of triangle has exactly one right angle and two acute angles?

- A. Acute triangle C. Right triangle
 B. Obtuse triangle D. Equilateral triangle

7) Round 3,264 to the nearest hundred.

- A. 3,200 C. 3,260
 B. 3,000 D. 3,300



8)

What is the measure of this angle?

- A. 115 degrees C. 125 degrees
 B. 120 degrees D. 135 degrees

9) A garden has 20 tomato plants and 15 pepper plants. Then 5 plants die. The remaining plants are each expected to grow 12 fruits. How many total fruits are expected?

- A. 300 C. 480
 B. 420 D. 360

10) How many copies of $\frac{1}{10}$ are in $\frac{9}{10}$?



Scan me!
For more practice
& answers

1) Three friends share a sub sandwich. Friend A eats $\frac{4}{10}$, Friend B eats $\frac{3}{10}$, and Friend C eats the rest. What fraction did Friend C eat?

A. $\frac{3}{10}$

B. $\frac{7}{10}$

C. $\frac{1}{10}$

D. $\frac{2}{10}$

2) In 0.84, what is the value of the digit 8 as a decimal?

3) Mia plants flowers in 7 rows with 25 flowers in each row. How many flowers does she plant?

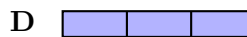
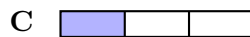
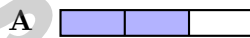
A. 140

B. 210

C. 175

D. 245

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



A. Picture A

B. Picture B

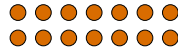
C. Picture C

D. Picture D



Scan me!
For more practice
& answers

Paige



Quinn

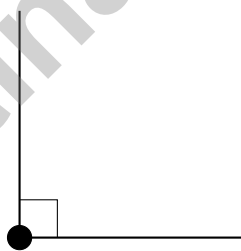
5)

Paige has 7 bookmarks. Quinn has 2 times as many bookmarks as Paige. How many bookmarks does Quinn have?

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

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

7)



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

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



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



Scan me!
For more practice
& answers

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice B is correct.** (M.4.MD.A.1) Since 1 yard = 3 feet, divide: $50 \div 3 = 16$ remainder 2. The answer is **16** whole yards.
- Choice D is correct.** (M.4.OA.A.2) Look at the picture: Raj's group has 2 rows of 6 books—that's 2 times Mira's amount. Multiply: $2 \times 6 = 12$ books.
- Choice C is correct.** (M.4.NF.A.1a) The denominator changes from 5 to 20. What number times 5 makes 20? $5 \times 4 = 20$. So multiply the numerator by 4 also: $\frac{3}{5} = \frac{3 \times 4}{5 \times 4} = \frac{12}{20}$.
- Choice D is correct.** (4.NBT.B.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 D is correct.** (M.4.NBT.A.1) List the digits by place: thousands 3, hundreds 4, tens 2, ones 6. This forms **3,246**. ✓
- Choice C is correct.** (4.NF.B.3b) Subtract the numerators: $11 - 6 = 5$. Keep the same denominator: $\frac{5}{12}$.
- Choice C is correct.** (M.4.NF.A.1a) Equivalent fractions in disguise: $\frac{1}{5} = \frac{2}{10}$. Both ate the same amount of pizza.
- Choice D is correct.** (M.4.OA.A.1) Read $12 = 3 \times 4$ in words: "12 equals 3 groups of 4." That's the same as saying "12 is 3 times as many as 4." The other choices use *more*, *plus*, or *less*—those describe adding or subtracting, not multiplying.
- The correct answer is $2\frac{6}{8}$.** (4.NF.B.3b) Since $\frac{5}{8} < \frac{7}{8}$, regroup: $6\frac{5}{8} = 5\frac{13}{8}$. Then subtract: $5\frac{13}{8} - 3\frac{7}{8} = 2\frac{6}{8}$.
- Choice A is correct.** (M.4.NBT.B.5) Use the distributive property: $31 \times 21 = 31 \times (20 + 1) = 620 + 31 = 651$.
- Choice B is correct.** (M.4.MD.B.4) Count X marks for measurements greater than $\frac{2}{4}$ inch. At $\frac{4}{4}$ inch: 1 mark. At $\frac{6}{4}$ inch: 2 marks. Total: $1 + 2 = 3$ marks.
- Choice D is correct.** (M.4.NBT.A.2) In a six-digit number, the leftmost digit is the hundred-thousands place. Here, that's 9 ✓
- Choice B is correct.** (M.4.NF.C.5) The marks divide the line: W is at 0.25 and X is at 0.50. Since 0.45 falls between these two values, it's in the region between W and X.
- Choice D is correct.** (M.4.MD.A.3) From area: $63 = 9 \times w$. Divide: $w = 63 \div 9 = 7$ ft.
- Choice C is correct.** (M.4.NF.B.4) Lia jumps five times by $\frac{1}{10}$ each time: $5 \times \frac{1}{10} = \frac{5}{10}$.
- Choice A is correct.** (M.4.MD.C.7) One angle is 28° larger. If the smaller one is 31° , then: $31^\circ + 28^\circ = 59^\circ$.
- The correct answer is A, C.** (M.4.MD.C.5) Choice A: $\frac{1}{4} \times 360^\circ = 90^\circ$ ✓. Choice C: A quarter turn is $\frac{1}{4}$ of the circle, also 90° ✓. Choice B: $\frac{1}{3} \times 360^\circ = 120^\circ$. Choice D: 12 to 4 is one-third, or 120° . Choice E: 12 to 6 is a half turn, or 180° .
- Choice D is correct.** (4.NBT.A.1) We're rounding to the nearest ten thousand. Look at the thousands digit: 5. Since $5 \geq 5$, we round UP! The ten thousands digit changes from 5 to 6, giving us **60,000**. ✓
- Choice A is correct.** (M.4.MD.C.5) An angle made of 27 one-degree angles has a measure of **27°** .
- Choice A is correct.** (4.NF.B.3b) Two wholes need two $\frac{5}{5}$ pieces, then add the $\frac{3}{5}$: $\frac{5}{5} + \frac{5}{5} + \frac{3}{5} = \frac{13}{5}$ ✓.
- Choice C is correct.** (M.4.G.A.3) A square balances 4 ways and a regular hexagon balances 6 ways. Since 4 and 6 are different, these shapes don't have the same number of lines of symmetry. The answer is They have different numbers of lines of symmetry.
- Choice A is correct.** (4.NF.B.3b) The picture shows the candy bar is divided into 8 equal parts with 5 shaded (what Maya ate). Subtract the shaded part from the whole bar: $\frac{8}{8} - \frac{5}{8} = \frac{3}{8}$ of the candy bar is left.
- The correct answer is $2\frac{1}{4}$.** (M.4.NF.B.4) Triple means multiply by 3. We take 3 copies of $\frac{3}{4}$: $3 \times \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$. The answer is **$2\frac{1}{4}$** .
- Choice C is correct.** (M.4.NBT.B.6) Divide: $7 \div 9 = 0$ r7, bring down the 6 to get $76 \div 9 = 8$ r4, bring down the 2 to get $42 \div 9 = 4$ r6. The remainder is **6**.
- Choice B is correct.** (M.4.G.A.2) Shape 2 has exactly one pair of parallel sides marked by red arrows, which defines a trapezoid. Shape 1 shows two pairs of parallel sides (blue and blue), making it a parallelogram. The answer is **B**.
- Choice C is correct.** (4.NF.B.3b) Start at 0 and make three jumps of $\frac{1}{4}$ each. After three jumps: $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$.



Scan me!
For more practice
& answers

Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 10 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. 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.

PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Test Preparation

★ **CONFIDENCE IN MATH.
SUCCESS FOR LIFE.**

WHAT STUDENTS WILL GAIN:



Stronger Concepts

Reinforce key Grade 4 math skills and build a solid foundation.



Better Problem Solving

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:

- ✓ Whole Numbers & Operations
- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Graphing & Data Analysis
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ And More!



Visit testinar.com/math4 for more Grade 4 math resources and practice materials!

MORE PRACTICE. GREATER RESULTS.

Give your child the tools they need to succeed in math and beyond!



**A COMPLETE PRACTICE
EXPERIENCE TO HELP
STUDENTS THRIVE!**



Builds Confidence
Through Practice



Strengthens Critical Thinking
& Problem-Solving



Prepares for Tests
& Future Success