

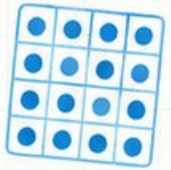
10

$$7 \times 8 = 56$$

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



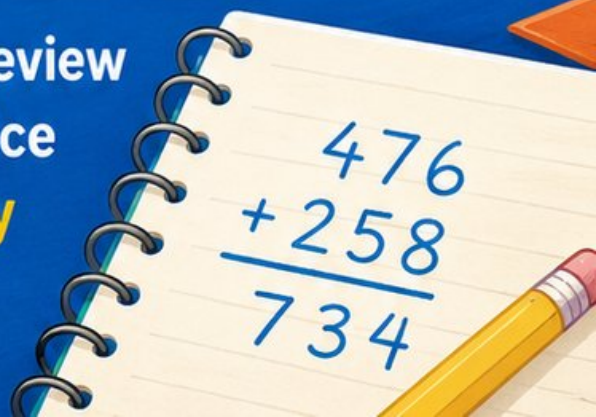
$$\frac{3}{4}$$



Idaho ISAT GRADE 4 MATH

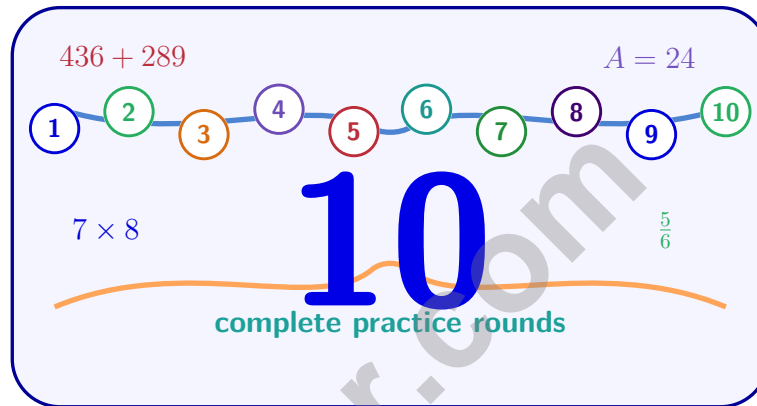
PRACTICE TESTS

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



10 Idaho ISAT Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 4 practice rounds for ISAT, built around mountain valleys, river maps, and neat model drawing, 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, Idaho Math Explorer!

Ten steady rounds on the Gem State math route

This book gives you ten full Grade 4 practice tests for ISAT. Each round uses mountain valleys, river maps, and neat model drawing to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Idaho 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 Idaho ISAT 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 Gem 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 ISAT 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 Idaho 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	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	37
★ Practice Test 4	_____	49
★ Practice Test 5	_____	60
★ Practice Test 6	_____	71
★ Practice Test 7	_____	83
★ Practice Test 8	_____	94
★ Practice Test 9	_____	106
★ Practice Test 10	_____	117
Practice Test Answer Keys	_____	127
Practice Test Answers and Explanations	_____	133

1) Which list shows multiples of 3?

A. 3, 6, 9, 12, 16

C. 3, 6, 8, 12, 15

B. 3, 6, 9, 12, 15

D. 3, 5, 9, 12, 15

2) A window shade is opened by rotating it 104° clockwise. Then it is rotated an additional 76° clockwise. What is the total clockwise rotation?

A. 28°

C. 104°

B. 180°

D. 90°

3) Sam bought $\frac{4}{8}$ pound of almonds. His mom bought $\frac{3}{8}$ pound. How many pounds of almonds did they buy together, as a fraction or mixed number?

4) Noah's plant height measurements (in halves of an inch) are: $\frac{1}{2}$, 1, $\frac{1}{2}$, $\frac{3}{2}$, 1, 1, $\frac{3}{2}$. On a line plot, how many X marks appear at 1 inch?

A. 1

C. 3

B. 2

D. 4

5) A bookstore has 3,041 books on the shelves. How many complete hundreds of books are on the shelves?

A. 3

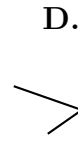
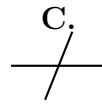
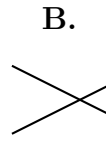
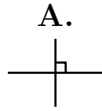
C. 4

B. 300

D. 30



6) Which diagram shows two perpendicular lines?



A. Diagram A

C. Diagram C

B. Diagram B

D. Diagram D

7) How many unit fractions of $\frac{1}{9}$ make $\frac{5}{9}$?

8) Three students timed their sprints. Riley: 0.47 seconds. Jordan: 0.74 seconds. Casey: 0.44 seconds. Who was fastest (smallest time)?

A. Riley (0.47 s)

C. Casey (0.44 s)

B. Jordan (0.74 s)

D. Riley and Jordan tied

9) One batch of a recipe uses $\frac{2}{5}$ cup of flour. If you make 3 batches, how much flour do you use?

A. $\frac{2}{15}$ cup

C. $\frac{3}{5}$ cup

B. $\frac{6}{5}$ cups (or $1\frac{1}{5}$ cups)

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



Scan me!
For more practice
& answers

10) $\frac{4}{5}$ is equivalent to $\frac{?}{20}$. What is the missing numerator?

A. 12

C. 18

B. 24

D. 16

11) How many rays form an angle?



12) Estimate by rounding to the nearest thousand: $26,345 - 8,912 = ?$

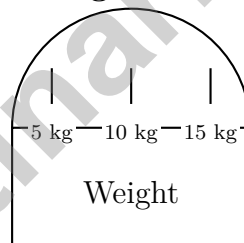
A. About 18,000

C. About 19,000

B. About 20,000

D. About 17,000

Weight Scale



13)

A scale shows that a dog weighs 12 kilograms. How many grams does the dog weigh?

A. 1,200 g

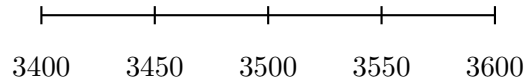
C. 120,000 g

B. 12,000 g

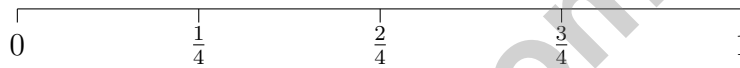
D. 1,200,000 g



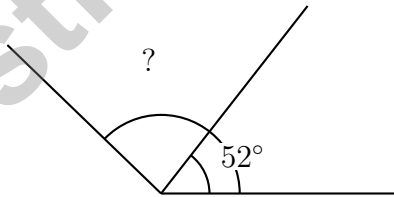
- 1) Using the number line, which number just below 3,500 rounds to 3,500 when rounded to the nearest hundred?



- A. 3,449 C. 3,500
 B. 3,551 D. 3,450
- 2) A number line has 4 equal parts from 0 to 1. Which fraction represents 3 of those parts?



- A. $\frac{4}{4}$ C. $\frac{1}{4}$
 B. $\frac{2}{4}$ D. $\frac{3}{4}$
- 3) A ray divides a 136° angle into two parts. The smaller part measures 52° . What is the measure of the larger part?



- A. 84° C. 188°
 B. 52° D. 68°



- 4) A student drew an angle and measured it. She read 115 degrees on the outer scale. Is this reasonable?
- A. No, because 115 is less than 90 C. No, because you cannot measure angles larger than 100 degrees
- B. Yes, because 115 is between 90 and 180 degrees D. Yes, only if the angle opens to the left
- 5) In the decimal 0.72, which digit is in the tenths place?
- A. 0 C. 2
- B. 7 D. 72
- 6) When naming an angle, what do we put in the middle?
- A. Any point on a side C. A point in the exterior
- B. The vertex D. A point in the arc
- 7) Which shows three multiples of $\frac{1}{4}$ in order?
- A. $\frac{1}{4}, \frac{2}{8}, \frac{1}{2}$ C. $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$
- B. $\frac{1}{4}, \frac{1}{8}, \frac{1}{12}$ D. $\frac{2}{4}, \frac{4}{4}, \frac{8}{4}$
- 8) Which statement is true?
- A. $\frac{40}{100} < \frac{4}{10}$ C. $\frac{40}{100} > \frac{4}{10}$
- B. $\frac{40}{100} = \frac{4}{10}$ D. $\frac{40}{100} = \frac{40}{10}$
- 9) A turn of 120° is what fraction of a complete rotation?
- A. $\frac{1}{4}$ C. $\frac{2}{5}$
- B. $\frac{1}{3}$ D. $\frac{1}{2}$



Scan me!
For more practice
& answers

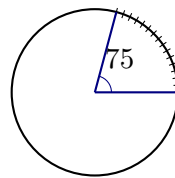
1) In a school parking lot, there are 56 parking spots. The school parking lot has 7 times as many spots as the mall parking lot. How many parking spots are in the mall lot?

A. 63

C. 49

B. 10

D. 8



2)

This angle shows tick marks from 0 to 75. What is the measure of the angle?

A. 74°

C. 76°

B. 75°

D. 150°

3) A pattern follows the rule “add 3.” If the second term is 10, what is the first term?

A. 6

C. 13

B. 15

D. 7

4) What is $2,520 \div 7$?

A. 360

C. 350

B. 370

D. 340



Scan me!
For more practice
& answers

5) The perimeter of a rectangle is 24 meters. If the length is 7 meters, what is the width?

A. 3 m

C. 5 m

B. 4 m

D. 6 m

6) Which expression is NOT equal to 2?

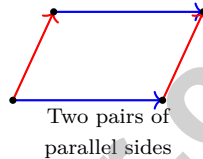
A. $4 \times \frac{1}{2}$

C. $3 \times \frac{2}{3}$

B. $6 \times \frac{1}{3}$

D. $5 \times \frac{1}{2}$

7) Look at the figure showing two pairs of parallel sides with arrows. What type of quadrilateral is it?



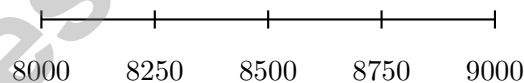
A. Trapezoid

C. Pentagon

B. Parallelogram

D. Triangle

8) Which number line best shows 8,250 and where it rounds?



A. 8,250 rounds to 8,000

C. 8,250 rounds to 9,000

B. 8,250 rounds to 8,500

D. 8,250 stays the same



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

- 1) **Choice B is correct.** (4.OA.B.4) Multiples of 3 come from skip-counting by 3: 3, 6, 9, 12, 15, ... Choice B follows that pattern exactly. Choice A swaps in 16 ($16 \div 3$ has a remainder), choice C swaps in 8, and choice D swaps in 5—all not multiples of 3.
- 2) **Choice B is correct.** (4.MD.C.7) The window shade rotates twice. Add both rotations: $104^\circ + 76^\circ = 180^\circ$.
- 3) **The correct answer is $\frac{7}{8}$.** (4.NF.B.3) Sam and his mom each bring almonds: $\frac{4}{8}$ and $\frac{3}{8}$ pound. With same-size eighths: $4 + 3 = 7$ eighths, so $\frac{7}{8}$ pound total.
- 4) **Choice C is correct.** (4.MD.B.4) Count the measurements of 1 inch (which is $\frac{2}{2}$ inch). They appear **3** times in our data.
- 5) **Choice D is correct.** (4.NBT.A.1) “How many complete hundreds” is just asking how many *full groups* of 100 fit in 3,041. Skip-count by 100s: 100, 200, ..., 3,000—that’s 30 groups. The extra 41 books left over isn’t enough for another group of 100. So the bookstore has **30** complete hundreds. ✓
- 6) **Choice A is correct.** (4.G.A.1) Perpendicular lines cross at a right angle — exactly 90° — and you can spot them by the tiny square symbol at the corner. Diagram A shows this perfect corner square.
- 7) **The correct answer is 5.** (4.NF.B.3) The fraction $\frac{5}{9}$ means 5 pieces, each $\frac{1}{9}$. So the answer is **5** unit fractions.
- 8) **Choice C is correct.** (4.NF.C.5) Order by time: $0.44 < 0.47 < 0.74$. Smaller time means faster! Casey’s 0.44 seconds is the fastest.
- 9) **Choice B is correct.** (4.NF.B.4) Making 3 batches, each using $\frac{2}{5}$ cup of flour, means we multiply: $3 \times \frac{2}{5} = \frac{6}{5}$ cups.
- 10) **Choice D is correct.** (4.NF.A.1) The denominator changes from 5 to 20. Divide: $20 \div 5 = 4$. So multiply the numerator by 4: $4 \times 4 = 16$.
- 11) **The correct answer is 2.** (4.MD.C.5) An angle is formed by **2** rays that share a vertex.
- 12) **Choice D is correct.** (4.NBT.B.4) Round each number to the nearest thousand: $26,345 \approx 26,000$ and $8,912 \approx 9,000$. Subtract: $26,000 - 9,000 = 17,000$.
- 13) **Choice B is correct.** (4.MD.A.1) Since 1 kilogram = 1,000 grams, multiply: $12 \times 1,000 = 12,000$ g. The answer is **12,000** g.
- 14) **Choice D is correct.** (4.NBT.B.5) Break 41: $21 \times (40 + 1) = 840 + 21 = 861$.
- 15) **Choice C is correct.** (4.MD.C.5) The shaded arc stretches across a straight line (from one side of the circle to the other), which is $\frac{1}{2}$ of a full turn or 180° .
- 16) **Choice A is correct.** (4.NF.A.1) All three simplify to $\frac{1}{2}$: $\frac{2}{4} = \frac{1}{2}$, $\frac{3}{6} = \frac{1}{2}$, $\frac{5}{10} = \frac{1}{2}$. They’re all equal!
- 17) **The correct answer is A, E.** (4.NBT.B.6) Use long division: $27 \div 4 = 6$ r3, bring down the 8 to get $38 \div 4 = 9$ r2, bring down the 4 to get $24 \div 4 = 6$. The quotient is 696 with no remainder. Statement A is correct (quotient is 696) and statement E is correct (no remaining pieces). Statements B, C, and D are incorrect.
- 18) **Choice C is correct.** (4.NF.C.5) A trailing zero in a decimal doesn’t change the value: $0.7 = 0.70$. Both equal seven tenths.
- 19) **Choice A is correct.** (4.OA.A.1) Look for the magic words “times as many”—those are the multiplicative clue. Only choice A uses them. The others say “more,” “less,” or “plus,” which describe addition or subtraction.
- 20) **Choice A is correct.** (4.NF.B.3) Since $\frac{1}{3} < \frac{2}{3}$, regroup: $2\frac{1}{3} = 1\frac{4}{3}$. Subtract the wholes: $1 - 1 = 0$. Subtract the fractions: $\frac{4}{3} - \frac{2}{3} = \frac{2}{3}$.
- 21) **Choice D is correct.** (4.OA.B.4) Multiples of 5 end in 0 or 5. Patterns A, C, D all do. But Pattern B (7, 14, 21, 28, 35) has 7, 14, 21, 28—not multiples of 5.
- 22) **Choice A is correct.** (4.NF.B.3) The container started full and some juice was served. Find how much was served by subtracting what’s left from what started: $\frac{9}{10} - \frac{4}{10} = \frac{5}{10}$ liter of juice was served.
- 23) **Choice A is correct.** (4.NF.C.5) First, convert $\frac{7}{10}$ to hundredths: $\frac{7}{10} = \frac{70}{100}$. Then: $\frac{?}{100} + \frac{25}{100} = \frac{70}{100}$ means the missing number is 45.
- 24) **Choice C is correct.** (4.NBT.A.3) For 7,249: tens digit is $4 < 5$, round DOWN to 7,200 ✓. For 7,251: tens digit is $5 \geq 5$, round UP to 7,300 ✓. A small change (two digits) flips the rounding!



Scan me!
For more practice
& answers

A Quiet Word From Your Mentor

Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 10 practice tests is a real promise that you kept to yourself. That matters. ◇

★ **Mentors notice:** growth is quiet. It doesn't shout. But it shows up in how you handle a problem today vs how you did weeks ago. That growth is your real prize. ★

What I See in You

- **Hard Work:** You don't quit when problems are tough.
- **Curiosity:** You wonder why and how.
- **Kindness:** You are patient with yourself.
- **Brave Heart:** You try things that scare you.

Mentor's note: on test day, treat yourself like you would a friend. Be kind. Be patient. Be encouraging. The skills are inside you!

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

Jay Daie

Your Math Mentor

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