

6 Idaho ISAT

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



MASTER KEY MATH CONCEPTS
BUILD CONFIDENCE FOR TEST DAY

INCLUDES COMPREHENSIVE ANSWER KEY
ALIGNED STATE STANDARDS

6 Idaho ISAT Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Six 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.

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Welcome, Idaho Math Explorer!

Six steady rounds on the Gem State math route

This book gives you six 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?

Six tests, 180 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 4–6	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.

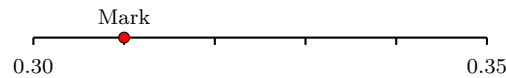


Scan me!
For more practice
& answers

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- 1) Number line with decimals between two tenths marked.



What decimal is marked?

- A. 0.31 C. 0.3
 B. 0.13 D. 0.41
- 2) A baker needs $\frac{7}{12}$ cup of sugar and has $\frac{3}{12}$. How much more is needed?

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

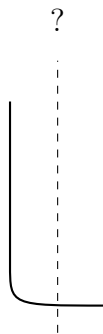
Ten-Thousands	Thousands	Hundreds	Tens	Ones
5	3	7	9	0

- A. Fifty-three thousand, seventy-nine C. Five hundred thirty-seven
 B. Fifty-three thousand, seven hundred nine D. Fifty-three thousand, seven hundred ninety
- 4) Subtract: $2\frac{3}{4} - 1\frac{1}{4}$

- A. $1\frac{1}{4}$ C. $1\frac{3}{4}$
 B. $1\frac{2}{4}$ D. $\frac{2}{4}$

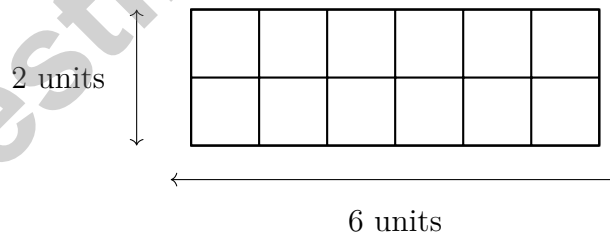


1) Look at the letter *U* below. Where is its line of symmetry?



- A. Horizontally across the middle
 - B. Vertically down the middle
 - C. Diagonally from corner to corner
 - D. It has no line of symmetry
- 2) Ava buys 12 packs of stickers. Each pack has 15 stickers. How many stickers does Ava have in total?

- A. 27
- B. 120
- C. 240
- D. 180



3) Each small square is 1 square unit. What is the area of the rectangle?

- A. 8 sq units
- B. 10 sq units
- C. 12 sq units
- D. 16 sq units



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& answers

- 4) Mia had a ribbon that was $\frac{7}{10}$ meter long. She cut off $\frac{3}{10}$ meter for a craft project. How much ribbon was left?

A. $\frac{4}{10}$
 B. $\frac{10}{10}$

C. $\frac{3}{10}$
 D. $\frac{10}{20}$

- 5) Ms. Kumar has 1,638 pencils to share equally among 7 students. How many pencils does each student receive?

- 6) Noah's classroom aquarium holds 36 quarts of water. How many gallons is this?

A. 4
 B. 9

C. 12
 D. 18

- 7) Rename $5 \times \frac{1}{4}$ as a mixed number.

A. $1\frac{1}{4}$
 B. $1\frac{1}{5}$

C. $2\frac{1}{4}$
 D. $\frac{5}{4}$

- 8) Which diagram shows a straight angle?



A. Diagram A
 B. Diagram B

C. Diagram C
 D. Diagram D



1) Mia says the angle she drew contains 92 one-degree angles. What is the measure of her angle?

- A. 92°
 C. 184°
 B. 46°
 D. 9.2°

Th	H	T	O
5	2	3	4

2)

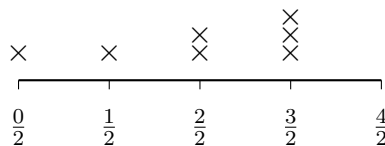
This place-value chart shows 5,234. If we add 3,456, what digit appears in the hundreds place of the sum?

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

3) Which fraction is NOT equal to $\frac{10}{100}$?

- A. $\frac{1}{10}$
 C. $\frac{20}{200}$
 B. $\frac{10}{10}$
 D. $\frac{5}{50}$

4) Look at this line plot with halves:



What is the difference between the number of X marks at $\frac{3}{2}$ and at $\frac{1}{2}$?

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

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 A is correct.** (4.NF.C.5) The number line from 0.30 to 0.35 divides into 5 equal steps. The mark is one step from 0.30, so it lands on 0.31.
- The correct answer is $\frac{1}{3}$.** (4.NF.B.3) The baker needs $\frac{7}{12}$ cup and has $\frac{3}{12}$. What's needed: $7 - 3 = 4$ twelfths more, or $\frac{4}{12}$ (which simplifies to $\frac{1}{3}$).
- Choice D is correct.** (4.NBT.A.2) From the chart: ten-thousands and thousands give "fifty-three thousand"; hundreds and tens give "seven hundred ninety" ✓
- Choice B is correct.** (4.NF.B.3) Subtract the wholes: $2 - 1 = 1$. Subtract the fractions: $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$. The difference is $1\frac{2}{4}$.
- Choice C is correct.** (4.MD.A.2) Maria runs one lap of 400 meters three times. Multiply to find the total: $3 \times 400 = 1,200$ meters. That's **1,200** meters in all!
- Choice D is correct.** (4.OA.B.4) The word "multiply" tells us to repeat groups. Doubling: $5 \rightarrow 10 \rightarrow 20 \rightarrow 40$. The rule is "multiply by 2". ✓
- Choice C is correct.** (4.NF.B.4) We take 6 copies of $\frac{1}{8}$. Multiply: $6 \times \frac{1}{8} = \frac{6 \times 1}{8} = \frac{6}{8} = \frac{3}{4}$. The answer is $\frac{3}{4}$.
- Choice B is correct.** (4.G.A.1) A ray always starts at a definite point. This one starts at *A*, goes through *B*, and keeps going forever in that same direction.
- Choice C is correct.** (4.G.A.3) A circle is super special! No matter which direction you draw a line through its center, both sides match perfectly. You could draw infinitely many such lines, so a circle has infinitely many lines of symmetry.
- Choice A is correct.** (4.NF.C.5) When we simplify, $\frac{20}{100} = \frac{2}{10}$, which equals 2 tenths.
- Choice B is correct.** (4.NF.B.3) The paper strip is divided into 3 equal parts, and all 3 are colored. So the whole strip is colored: $\frac{3}{3}$. As unit fractions: $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$.
- Choice C is correct.** (4.NF.A.1) First, simplify: $\frac{2}{6} = \frac{1}{3}$ (divide both by 2). So $\frac{2}{6}$ lands exactly at $\frac{1}{3}$ on the number line.
- The correct answer is $\frac{3}{8}$.** (4.MD.B.4) The shortest jump is $\frac{2}{8}$ ft and the longest is $\frac{5}{8}$ ft. The difference is $\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$ foot.
- Choice B is correct.** (4.MD.C.5) A circle is 360° total, and each sector is 60° : $360^\circ \div 60^\circ = 6$ sectors.
- The correct answer is A, C.** (4.NF.B.4) A means "6 copies of $\frac{1}{8}$ ", which is $\frac{6}{8}$. C also means "6 copies of $\frac{1}{8}$ ", just written in words. Both are correct. B and D would give $\frac{8}{8}$ (too many). E is subtraction.
- Choice D is correct.** (4.NF.A.1) Both bars show the same shaded length. Since we're going from thirds to sixths (multiply denominator by 2), multiply the numerator by 2 also: $\frac{2}{3} = \frac{2 \times 2}{3 \times 2} = \frac{4}{6}$.
- Choice A is correct.** (4.NBT.B.4) Add by place value: ones $4 + 5 = 9$, tens $3 + 6 = 9$, hundreds $2 + 7 = 9$, thousands $1 + 8 = 9$, ten-thousands $4 + 3 = 7$. The sum is **79,999**.
- Choice C is correct.** (4.MD.A.3) Space covered = $20 \times 8 = 160$ sq m.
- Choice C is correct.** (4.MD.C.5) Mia's angle of 60° is composed of **60** one-degree angle units.
- Choice D is correct.** (4.OA.A.3) Three steps! Step 1: total items: $35 + 28 = 63$. Step 2: subtract the lost items: $63 - 6 = 57$. Step 3: share among 3 shelters: $57 \div 3 = 19$ items each.
- Choice D is correct.** (4.OA.B.4) We need a number that pairs with 3 to make 42. Ask: $3 \times ? = 42$. Since $3 \times 14 = 42$, the missing factor is **14**.
- Choice C is correct.** (4.MD.C.5) A right angle has a perfect square corner, like the corner of a piece of paper.
- Choice A is correct.** (4.G.A.2) The purple arrows indicate which sides are parallel. The arrows on the top and bottom sides show they are parallel to each other. The answer is **A**.
- Choice C is correct.** (4.MD.A.1) Since 1 pound = 16 ounces, multiply: $32 \times 16 = 512$ ounces. The answer is **512** ounces.
- Choice D is correct.** (4.NBT.A.1) Break 5,803 apart by place: thousands = $5 \times 1,000 = 5,000$, hundreds = $8 \times 100 = 800$, tens = $0 \times 10 = 0$ (we can drop this), ones = $3 \times 1 = 3$. Adding the non-zero parts gives $5,000 + 800 + 3 = 5,803$, which matches choice **B**. ✓



Author's Note

From a Friend Who Believes in You

Hi, Friend!

◇ I just want to say something important: I am proud of you. You did 6 full practice tests. That takes time, hard work, and heart. ◇

★ **Friendly truth:** a test is just one part of your math journey. You are SO much more than a score. The work you did is the real win! ★

What I Want You to Know

- **You are smart.** Every test you finished proves it.
- **You are brave.** You tried hard problems.
- **You are growing.** Mistakes taught you new things.
- **You are ready.** The skills are inside you.

One more thing: on test day, take a deep breath. Smile. Remember that someone (me!) believes in you. You can do this!

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

Jay Daie

Your Math Friend

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

Ideal for classroom use, homework, test preparation, and extra practice at home.

PERFECT FOR:

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Become familiar with test-style questions and formats.



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Prepare for Success

Build the confidence needed to do your best on test day.

TOPICS COVERED

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- ✓ Multiplication & Division
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- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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