

9

$$256 \div 8 = 32$$



$$48 \times 7 = 336$$

Idaho ISAT

GRADE 4

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**9 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
BUILD SKILLS & CONFIDENCE**



**ANSWER KEY
FOR ALL TESTS**



$$\frac{3}{4} + \frac{1}{4} = 1$$



$$725 - 358 = 367$$

PREPARE
PRACTICE
SUCCEED
PERFORM

**PRACTICE TODAY.
SUCCEED TOMORROW.**

9 Idaho ISAT Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine 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



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Welcome, Idaho Math Explorer!

Nine steady rounds on the Gem State math route

This book gives you nine 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?

Nine tests, 270 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.
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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1) A farmer has 1,008 apples to pack into baskets of 7 apples each. How many full baskets can he fill?

A. 142

C. 146

B. 140

D. 144

2) A runner completes $\frac{5}{6}$ of a race, then stops for water. After water, she runs $\frac{1}{6}$ more. Did she complete the full race?

A. Yes, she ran $\frac{6}{6}$ or the whole race

C. No, she ran $\frac{5}{12}$ of the race

B. No, she only ran $\frac{5}{6}$

D. Yes, she ran $\frac{7}{6}$ of the race

3) A ribbon is $4\frac{3}{6}$ feet long. If $2\frac{2}{6}$ feet are cut off, how long is the remaining ribbon?

4) How many rays make up an angle?

A. 1

C. 3

B. 2

D. 4

5) A candy store has 4 jars of gummies. Each jar holds 32 gummies. They also have 20 loose gummies. If they pack all gummies into bags of 6, how many complete bags can they fill?

A. 23

C. 25

B. 20

D. 24



6) Order these from least to greatest: 0.90, 0.09, 0.99, 0.19.

A. 0.09, 0.19, 0.90, 0.99

C. 0.99, 0.90, 0.19, 0.09

B. 0.09, 0.90, 0.19, 0.99

D. 0.19, 0.09, 0.99, 0.90

7) Ava has read $\frac{7}{10}$ of her book. She read $\frac{3}{10}$ on Monday and the rest on Tuesday. How much did she read on Tuesday?

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

C. $\frac{5}{10}$

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

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

8) How many factor pairs does 28 have?

9) Which fraction is equivalent to $\frac{1}{5}$ and has a denominator of 10?

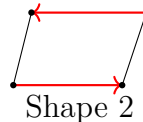
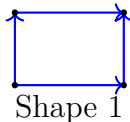
A. $\frac{1}{10}$

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

B. $\frac{5}{10}$

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

10) Look at the two shapes shown. Which one is a trapezoid?



A. Shape 1

C. Both shapes

B. Shape 2

D. Neither shape



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& answers

- 11) Diego ran 3,456 meters on Monday and 2,789 meters on Wednesday. How much farther did he run on Monday?
- A. 667 meters C. 677 meters
 B. 767 meters D. 777 meters
- 12) A rectangle with unequal adjacent sides has how many lines of symmetry?
- A. 1 C. 3
 B. 2 D. 4
- 13) Emma has 6 books. Her sister has 3 times as many. How many books does her sister have?
- A. 9 C. 6
 B. 3 D. 18
- 14) Which of the following is the same as $5 \times \frac{1}{12}$?
- A. $\frac{5}{12}$ C. $\frac{1}{60}$
 B. $\frac{12}{5}$ D. $\frac{5}{1}$
- 15) Select the **TWO** correct answers.
Which pairs show equivalent weights?
- A. 2 pounds and 48 ounces
 B. 2 kilograms and 2,000 grams
 C. 64 ounces and 3 pounds
 D. 500 grams and 0.5 kilograms
 E. 5 pounds and 90 ounces



1) A recipe needs 3 cups of milk. How many tablespoons is this? (Hint: 1 cup = 16 tablespoons)

A. 16

C. 32

B. 24

D. 48

2) Which number sentence is false?

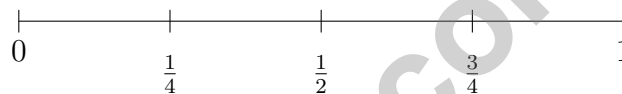
A. $\frac{1}{3} = \frac{4}{12}$

C. $\frac{3}{5} = \frac{9}{15}$

B. $\frac{2}{6} = \frac{1}{3}$

D. $\frac{2}{5} = \frac{4}{12}$

3) Three fractions are shown on the number line. Which is closest to 1?



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

C. $\frac{3}{4}$

B. $\frac{1}{2}$

D. All are equally close

4) What is the standard form of $400,000 + 80,000 + 3,000 + 200 + 0 + 1$?

A. 483,021

C. 408,301

B. 483,210

D. 483,201

5) What decimal has 3 tenths and 7 hundredths?

A. 0.73

C. 3.7

B. 0.37

D. 0.307



- 6) In the number 4,726, what is the value of the digit 7?



7)

Use a number line to help. What is $2,345 + 7,654$?

- A. 9,999 C. 9,989
- B. 10,099 D. 9,899
- 8) Sam has 3 cookies. Each cookie is $\frac{2}{3}$ of a cup of flour. How much flour is in all of Sam's cookies?
- A. $\frac{6}{3}$ cup or 2 cups C. $\frac{3}{2}$ cup
- B. $\frac{2}{9}$ cup D. $\frac{2}{3}$ cup
- 9) Round 23,562 to the nearest thousand.
- A. 23,000 C. 23,600
- B. 20,000 D. 24,000
- 10) Noah drew an angle that measures 42 degrees. How many one-degree angles does his angle contain?



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& answers

1) This place-value chart shows a number. Write it in expanded form:

Thousands	Hundreds	Tens	Ones
6	0	8	3

- A. $6,000 + 800 + 30$ C. $6,000 + 80 + 3$
 B. $6,000 + 800 + 3$ D. $6 + 0 + 8 + 3$

2) A builder has 100 meters of fencing. He uses 35 meters for one garden and 28 meters for another. How much fencing is left?

- A. 28 m C. 63 m
 B. 37 m D. 65 m

3) What is $100,000 - 67,234$?

- A. 32,766 C. 32,666
 B. 33,766 D. 33,666

4) Which is NOT a valid decomposition of $\frac{12}{10}$?

- A. $\frac{10}{10} + \frac{2}{10}$ C. $\frac{8}{10} + \frac{3}{10}$
 B. $\frac{5}{10} + \frac{5}{10} + \frac{2}{10}$ D. $\frac{6}{10} + \frac{6}{10}$

5) In the number 5,391, what digit is in the tens place?



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 D is correct.** (4.NBT.B.6) Divide: $10 \div 7 = 1$ r3, bring down the 0 to get $30 \div 7 = 4$ r2, bring down the 8 to get $28 \div 7 = 4$. The farmer fills **144** full baskets.
- Choice A is correct.** (4.NF.B.3) The runner completes $\frac{5}{6}$ of the race, then adds $\frac{1}{6}$ more. That's $5 + 1 = 6$ sixths, or exactly **1** whole race.
- The correct answer is $2\frac{1}{6}$.** (4.NF.B.3) The ribbon is cut, so subtract the cut part from the original length: $4\frac{3}{6} - 2\frac{2}{6} = 2\frac{1}{6}$ feet of ribbon remain.
- Choice B is correct.** (4.MD.C.5) An angle always has exactly **2** rays that start at a common endpoint.
- Choice D is correct.** (4.OA.A.3) Three steps! Step 1: gummies in the jars: $4 \times 32 = 128$. Step 2: add the loose ones: $128 + 20 = 148$. Step 3: pack into bags of 6: $148 \div 6 = 24$ remainder 4—so **24** complete bags (with 4 extra gummies).
- Choice A is correct.** (4.NF.C.5) Compare the tenths place: $0 < 1 < 9$. For the two with tenths = 9, compare hundredths: $0 < 9$, so $0.90 < 0.99$.
- Choice B is correct.** (4.NF.B.3) Ava read $\frac{7}{10}$ total. Monday was $\frac{3}{10}$, so Tuesday must be: $\frac{7}{10} - \frac{3}{10} = \frac{4}{10} \checkmark$.
- The correct answer is 3.** (4.OA.B.4) Find every pair that multiplies to 28: 1×28 , 2×14 , 4×7 . (Note: 3, 5, and 6 don't divide 28 evenly.) So there are **3** factor pairs.
- Choice D is correct.** (4.NF.A.1) Multiply both numerator and denominator by 2 to get a denominator of 10: $\frac{1}{5} = \frac{1 \times 2}{5 \times 2} = \frac{2}{10}$.
- Choice B is correct.** (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 A is correct.** (4.NBT.B.4) "How much farther" asks us to subtract. $3,456 - 2,789 = \mathbf{667}$ meters.
- Choice B is correct.** (4.G.A.3) A non-square rectangle is longer in one direction. Two fold lines balance it—one vertical through the middle and one horizontal through the middle. The answer is **2** lines of symmetry.
- Choice D is correct.** (4.OA.A.1) "3 times as many" is a multiplication signal. Emma's sister has $6 \times 3 = 18$ books.
- Choice A is correct.** (4.NF.B.4) When we multiply a whole number by a unit fraction, we get that many copies of the unit fraction. So $5 \times \frac{1}{12}$ means 5 copies of $\frac{1}{12}$, which is $\frac{5}{12}$.
- The correct answer is B, D.** (4.MD.A.1) Check each option. A: 2 pounds = 32 ounces, not 48 oz. B: 2 kg = 2,000 g, correct! C: 64 ounces = 4 pounds, not 3 pounds. D: 500 g = 0.5 kg, correct! E: 5 pounds = 80 ounces, not 90 oz. The correct answers are **B** and **D**.
- Choice D is correct.** (4.NBT.B.5) Split both: $17 = 10 + 7$ and $19 = 10 + 9$. The four partial products are: $10 \times 10 = 100$, $10 \times 9 = 90$, $7 \times 10 = 70$, $7 \times 9 = 63$.
- Choice B is correct.** (4.G.A.1) A line has no beginning and no end — it just keeps going and going in both directions forever, like infinity.
- Choice A is correct.** (4.NBT.A.3) We're rounding to the nearest hundred, so check the tens digit of each. Option A (6,293): tens digit is $9 \geq 5$, rounds UP to **6,300**. \checkmark Option B (6,234): tens digit is $3 < 5$, rounds DOWN to 6,200 (not 6,300). Option C (6,249): tens digit is $4 < 5$, rounds DOWN to 6,200 (not 6,250). Option D (6,251): tens digit is $5 \geq 5$, rounds UP to 6,300 (not 6,200).
- Choice A is correct.** (4.NF.B.4) We take 4 copies of $\frac{1}{3}$. Multiply: $4 \times \frac{1}{3} = \frac{4 \times 1}{3} = \frac{4}{3} = 1\frac{1}{3}$. The answer is **$1\frac{1}{3}$** .
- Choice C is correct.** (4.MD.C.7) Each turn is an angle. Add the rotations together: $110^\circ + 40^\circ = \mathbf{150^\circ}$.
- Choice D is correct.** (4.NF.A.1) Grid 1 shows $\frac{4}{8}$ with half shaded, Grid 2 shows $\frac{2}{4}$ with half shaded, Grid 3 shows $\frac{3}{6}$ with half shaded. All equal!
- Choice A is correct.** (4.MD.C.5) 180° is exactly twice as large as 90° : $180^\circ = 2 \times 90^\circ$. So **180°** is 2 times **90°** .
- Choice C is correct.** (4.MD.A.3) From area = $\ell \times w$: $56 = \ell \times 7$. Divide: $\ell = 56 \div 7 = 8$ cm.
- Choice D is correct.** (4.NBT.A.2) From the chart: thousands: $9 \rightarrow 9,000$, hundreds: 0 (omit), tens: $4 \rightarrow 40$, ones: $2 \rightarrow 2 \checkmark$
- Choice D is correct.** (4.OA.B.4) The pattern repeats every 3 items, like a wheel turning around. To find position 7, divide: $7 \div 3 = 2$ remainder 1. The remainder 1 tells us we land on the *1st item in the cycle*, which is **apple**. *Quick check:* positions 1, 4, 7 all land on apple. \checkmark



Ahoy, Math Sailor!

◇ You sailed through 9 full tests. Some waters were calm. Some waters were rough. You kept your boat steady the whole way. ◇

★ **Captain's truth:** good sailors stay calm. They use the wind. They check the map. You did all those things on every test. ★

Sailor's Skills

- **Steady Hand:** You stay calm even when problems are tricky.
- **Map Skills:** You read each problem carefully.
- **Brave Spirit:** You believe in yourself.
- **Safe Harbor:** You finish what you start.

Captain's tip: on test day, sail steady. Trust the map you built through 9 practice tests. You will reach safe harbor!

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

Jay Daie

Your Math Captain

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students strengthen essential math skills, build confidence, and develop the problem-solving abilities needed for classroom success and test readiness.

With 9 full-length practice tests, students gain repeated exposure to important Grade 4 concepts while learning how to approach questions with accuracy, confidence, and strong mathematical thinking.

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- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
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- ✓ Measurement & Data
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