

4

Oklahoma

OSTP

GRADE 4

MATH

PRACTICE TESTS


 5 FULL-LENGTH PRACTICE TESTS

 STANDARDS-ALIGNED REVIEW

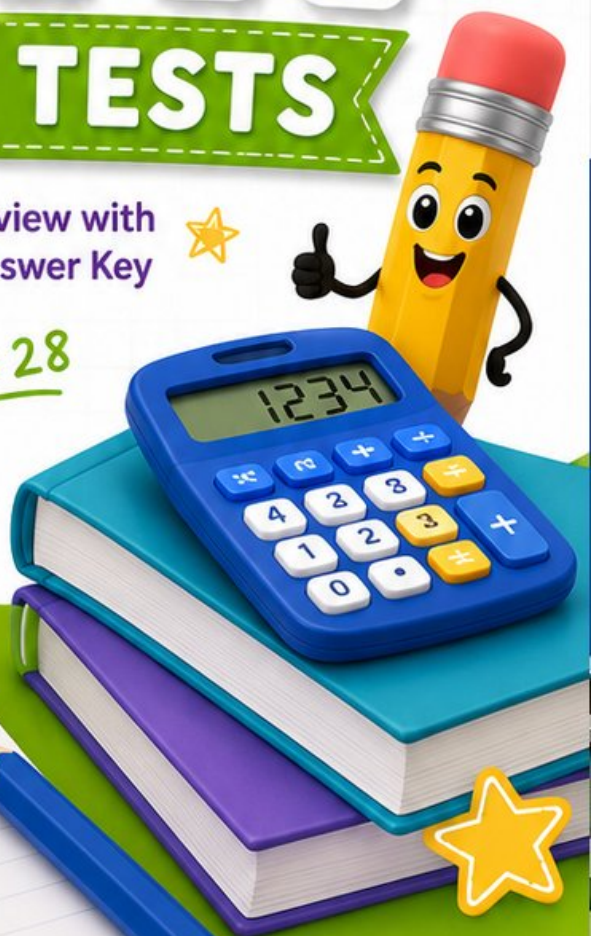
 MIXED PRACTICE QUESTIONS

 ANSWER KEY INCLUDED

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

 $4 \times 7 = 28$

$36 \div 9 = 4$



4 Oklahoma OSTP 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.

Jay Daie and Reza Nazari



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Welcome, Oklahoma Math Explorer!

Four steady rounds on the Sooner State math route

This book gives you four full Grade 4 practice tests for OSTP. Each round uses red-dirt roads, prairie skies, and clear operation choices to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Oklahoma 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 Oklahoma OSTP 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 Sooner 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 OSTP 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) Compare: 7,249 rounded to the nearest hundred vs. 7,251 rounded to the nearest hundred.

- A. Both round to 7,200 C. 7,249 \rightarrow 7,200 and 7,251 \rightarrow 7,300
 B. Both round to 7,300 D. 7,249 \rightarrow 7,300 and 7,251 \rightarrow 7,200

2) A function rule is “add 12.” If the input is 8, what is the output?

- A. 96 C. 4
 B. 19 D. 20

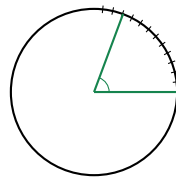
3) The fraction bar below is divided into equal parts. How many parts are shaded, and what fraction do they represent?



- A. 1 part; $\frac{1}{5}$ C. 4 parts; $\frac{4}{5}$
 B. 2 parts; $\frac{2}{5}$ D. 5 parts; $\frac{5}{5}$

4) What is 3×807 ?

- A. 2321 C. 2521
 B. 2121 D. 2421



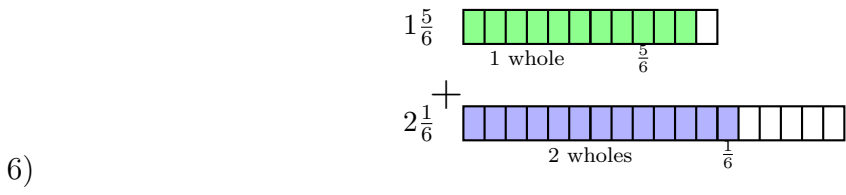
5)

This angle has regular tick marks up to 70° . How many one-degree angles does it show?

- A. 7 one-degree angles C. 70 one-degree angles
 B. 14 one-degree angles D. 140 one-degree angles



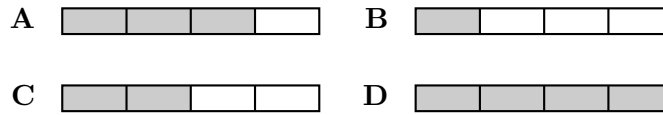
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What is the sum shown by the bar diagrams?

- A. $3\frac{4}{6}$
 - B. $3\frac{5}{6}$
 - C. $3\frac{3}{6}$
 - D. 4
- 7) A train travels 75 kilometers per hour. If it travels for 5 hours, how far does it go?
- A. 80 km
 - B. 150 km
 - C. 375 km
 - D. 380 km
- 8) Which statement describes a trapezoid?
- A. It has two pairs of parallel sides.
 - B. It has no parallel sides.
 - C. It has exactly one pair of parallel sides.
 - D. It has four equal sides.
- 9) Which numeral represents “two hundred thirty-four thousand, six hundred seventy-eight”?
- A. 243,678
 - B. 234,768
 - C. 234,687
 - D. 234,678
- 10) A store has 200 books. They receive 35 more books. Then they sell 78 books. How many books do they have left?

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



- A. Picture A C. Picture C
 B. Picture B D. Picture D

12) A rope is 9 yards long. How many feet does the rope measure?

13) 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

14) Ming spent \$0.45 on a pencil. This decimal can be written as what fraction?

- A. $\frac{45}{10}$ C. $\frac{45}{100}$
 B. $\frac{4}{5}$ D. $\frac{5}{4}$

15) A straight angle measures 180° . If it is split into two angles, and one angle is 125° , what is the measure of the other angle?

- A. 55° C. 305°
 B. 65° D. 180°



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1) How many $\frac{1}{3}$ are there in the expression $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$?

A. 3

C. 9

B. 6

D. 12

2) Which quadrilateral has four equal sides and four right angles?

A. Rectangle

C. Square

B. Rhombus

D. Trapezoid

3) Ava reads 8 pages a day for 12 days. Noah reads 10 pages a day for 9 days. How many more pages does Ava read than Noah?

A. 2 pages

C. 26 pages

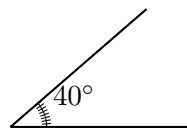
B. 18 pages

D. 6 pages

4) A fraction bar for $\frac{5}{8}$ has how many shaded parts?



5)



An angle turns through 40 one-degree angles. What is the measure of this angle?

A. 40°

C. 39°

B. 41°

D. 80°



6) Three hops of $\frac{1}{4}$ land at what fraction?

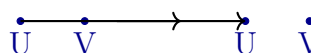
7) Which diagram correctly shows Ray UV ?

A.

B.

C.

D.


 A. Diagram A

 C. Diagram C

 B. Diagram B

 D. Diagram D

8) Students recorded the thickness of books using fourths of an inch. The data are: $\frac{2}{4}$, $\frac{3}{4}$, $\frac{2}{4}$, $\frac{2}{4}$. If you plot this data, how many X marks will be above $\frac{2}{4}$?

 A. 1

 C. 3

 B. 2

 D. 4

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

 A. 6,499 and 7,501

 C. 7,149 and 6,449

 B. 6,501 and 7,999

 D. 6,500 and 7,450

10) What is $3 \times \frac{1}{4}$?

 A. $\frac{1}{12}$
 C. $\frac{3}{4}$
 B. $\frac{3}{12}$
 D. $\frac{4}{3}$


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1) Which expression equals 1?

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

C. $\frac{5}{6} + \frac{1}{6}$

B. $\frac{2}{3} + \frac{2}{3}$

D. $\frac{3}{4} + \frac{2}{4}$

2)

2 times

9

?

Naomi has 9 ribbons. Her grandmother has 2 times as many ribbons as Naomi. How many ribbons does her grandmother have?

A. 11

C. 20

B. 16

D. 18

3) Ming's bookshelf is a rectangle. It is 16 inches long and 12 inches wide. What is the area of the bookshelf?

A. 192 sq in

C. 28 sq in

B. 56 sq in

D. 256 sq in

4) $\frac{7}{6}$ equals $1\frac{1}{6}$. Which decomposition shows this?

A. $\frac{6}{6} + \frac{1}{6}$

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

B. $\frac{5}{6} + \frac{1}{6}$

D. $\frac{1}{6} + \frac{7}{6}$

5) Which shows $\frac{4}{10}$ as a sum of unit fractions?

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

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

B. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

D. $\frac{1}{10} + \frac{3}{10}$



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6) In the number 906,234, which digit is in the hundred-thousands place?

A. 2

C. 6

B. 0

D. 9

7) $\frac{3}{4}$ is equivalent to $\frac{6}{7}$. What is the missing denominator?

A. 6

C. 10

B. 12

D. 8

8) Mia measured the height of a plant as $\frac{3}{10}$ meter. How many hundredths of a meter is this?

A. $\frac{3}{100}$ meter

C. $\frac{30}{100}$ meter

B. $\frac{13}{100}$ meter

D. $\frac{300}{100}$ meter

9) A full turn around a point equals 360 degrees. How many one-degree angles make a full turn?

A. 180 one-degree angles

C. 360 one-degree angles

B. 90 one-degree angles

D. 720 one-degree angles

10) A class has 48 students. They are divided into 6 equal teams. How many students are on each team?



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.** (4.N.1.4) 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!
- Choice D is correct.** (4.N.4.1) Apply “add 12” to input 8: $8 + 12 = 20$.
- Choice C is correct.** (4.A.2.2) Count the shaded parts: 4 parts are shaded. Count the equal parts: 5 total parts. So the shaded fraction is $4 \times \frac{1}{5} = \frac{4}{5}$.
- Choice D is correct.** (4.N.2.5) Decompose: $3 \times (800 + 7) = 2400 + 21 = 2421$.
- Choice C is correct.** (4.GM.2.1) The angle extends to 70° as marked, so it contains **70** one-degree angles.
- Choice D is correct.** (4.N.3.4) Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{5}{6} + \frac{1}{6} = \frac{6}{6} = 1$. Combine: $3 + 1 = 4$.
- Choice C is correct.** (4.D.1.2) The train travels 75 kilometers per hour for 5 hours. Multiply: $75 \times 5 = 375$ km. It travels **375** kilometers.
- Choice C is correct.** (4.GM.1.1) A trapezoid is defined by having exactly one pair of parallel sides. This distinguishes it from parallelograms, which have two pairs of parallel sides. The answer is **C**.
- Choice D is correct.** (4.N.3.7) Thousands: 234, ones: 678. Combined: $234,000 + 678 = 234,678$ ✓
- The correct answer is 157.** (4.N.2.3) Two steps! Step 1: add the new books: $200 + 35 = 235$. Step 2: take away the books sold: $235 - 78 = 157$ books left.
- Choice A is correct.** (4.A.2.2) For $3 \times \frac{1}{4}$, we need 3 copies of $\frac{1}{4}$, which equals $\frac{3}{4}$. Picture A shows one whole divided into 4 parts with 3 parts shaded. This is Picture A.
- The correct answer is 27.** (4.D.1.3) Since 1 yard = 3 feet, multiply: $9 \times 3 = 27$ feet.
- Choice C is correct.** (4.N.3.1) Equivalent fractions in disguise: $\frac{1}{5} = \frac{2}{10}$. Both ate the same amount of pizza.
- Choice C is correct.** (4.N.3.1) A price of \$0.45 is forty-five cents, or $\frac{45}{100}$ of a dollar.
- Choice A is correct.** (4.GM.2.1) Since a straight angle measures 180° , subtract the known part: $180^\circ - 125^\circ = 55^\circ$.
- Choice A is correct.** (4.A.2.2) The equation $15 = 3 \times 5$ means 3 *groups of 5*. Choice A matches because Ben has 3 times as many as Ana’s 5 pencils—exactly 3 groups of 5. The other choices use addition or subtraction.
- The correct answer is A, C.** (4.N.1.3) “4 times as many” means $4 \times 8 = 32$ pins—that’s choice A. The equation in C, $x = 4 \times 8$, captures the same idea. Choice B (12) is wrong (likely from $8 + 4$); D incorrectly says 2 times instead of 4; and E uses addition, not multiplication.
- Choice D is correct.** (4.N.3.1) Check D: Cross-multiply $\frac{2}{5}$ and $\frac{4}{12}$: $2 \times 12 = 24$ and $5 \times 4 = 20$. They’re not equal, so D is false. A, B, and C are all true equivalent fractions.
- Choice A is correct.** (4.N.3.1) When comparing decimals, look at the tenths place first—it has the most weight. 0.35 has 3 tenths; the others (0.53, 0.50, 0.55) all have 5 tenths. Since $3 < 5$, the number with fewer tenths is automatically the smallest, no matter what’s in the hundredths place. So **0.35** is the smallest. ✓
- Choice B is correct.** (4.A.2.2) Two water bottles, each holding $\frac{3}{5}$ liter, give us $2 \times \frac{3}{5} = \frac{6}{5}$ liters total.
- Choice B is correct.** (4.GM.2.2) Distance around the room = $2(12) + 2(8) = 24 + 16 = 40$ m.
- Choice A is correct.** (4.GM.1.1) The blue distance markers show that these parallel lines stay exactly the same distance apart all the way down. That’s what makes them parallel!
- Choice D is correct.** (4.N.2.2) 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.** (4.N.2.5) 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**.
- Choice A is correct.** (4.N.3.4) One whole equals $\frac{10}{10}$, plus $\frac{3}{10}$ more: $10 + 3 = 13$, so $\frac{10}{10} + \frac{3}{10} = \frac{13}{10} = 1\frac{3}{10}$ ✓.
- Choice D is correct.** (4.N.4.1) Test each number for factors beyond 1 and itself. 13: not even (so not $\div 2$); digits $1 + 3 = 4$ (not $\div 3$); doesn’t end in 0 or 5 (not $\div 5$). Only 1×13 works—**prime!** The others are composite: $14 = 2 \times 7$, $16 = 2 \times 8$, $18 = 2 \times 9$.
- Choice B is correct.** (4.N.3.1) Think of it as 3 tenths. We can write $\frac{3}{10} = \frac{30}{100} = 0.30 = 0.3$.



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Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 4 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, 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
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