

5 Oklahoma OSTP

Standards-Aligned Review with
Mixed Practice and Answer Key

A+

5 Oklahoma OSTP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five complete 30-question Grade 4 practice rounds for OSTP, built around red-dirt roads, prairie skies, and clear operation choices, with answer keys and clear explanations for every item.

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Welcome, Oklahoma Math Explorer!

Five steady rounds on the Sooner State math route

This book gives you five 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?

Five tests, 150 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 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	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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Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	26
★ Practice Test 3	_____	37
★ Practice Test 4	_____	49
★ Practice Test 5	_____	60
Practice Test Answer Keys	_____	71
Practice Test Answers and Explanations	_____	75

1) A rope measures 1,200 centimeters. How many meters is this?

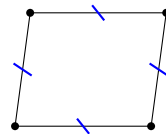
A. 12

C. 1,200

B. 120

D. 120,000

2) Look at the shape with tick marks on the sides. Which attribute do the tick marks show?



Tick marks
on sides

A. Parallel sides

C. Equal sides

B. Right angles

D. Perpendicular sides

3) A field has 200 flowers. A gardener plants 40 more. Then all the flowers are divided into 8 equal garden sections. How many flowers are in each section?

A. 25

C. 28

B. 35

D. 30

4) Which decimal is between $\frac{2}{10}$ and $\frac{4}{10}$?

A. 0.1

C. 0.5

B. 0.3

D. 0.6



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- 5) A toy costs \$15. If Maya buys 5 toys, how much money does she spend in total?

- 6) Which expression decomposes $\frac{4}{4} = 1$ as a sum of **unit fractions** only?

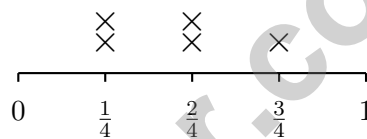
A. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

B. $\frac{2}{4} + \frac{2}{4}$

C. $\frac{1}{4} + \frac{3}{4}$

D. $\frac{4}{4}$

- 7) Look at the line plot of seed lengths (in inches). How many X marks are above $\frac{2}{4}$ inch?



A. 1

B. 2

C. 3

D. 5

- 8) Which angle measure is an acute angle?

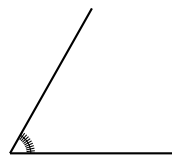
A. 95 degrees

B. 15 degrees

C. 135 degrees

D. 180 degrees

9)



The angle spans 60° . How many one-degree angles make this angle?

A. 60°

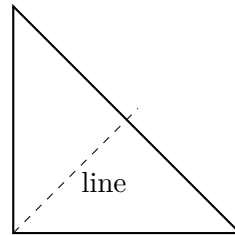
B. 30 one-degree angles

C. 60 one-degree angles

D. 120 one-degree angles



- 10) This is a right isosceles triangle (two equal legs). How many lines of symmetry does it have?



- A. 0 lines C. 2 lines
 B. 1 line D. 3 lines
- 11) How many endpoints does a line segment have?

- 12) Subtract: $32,105 - 14,237 = ?$

- A. 17,868 C. 17,668
 B. 18,868 D. 17,968



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1) Estimate first, then find the exact answer: $48,765 + 31,234 = ?$

A. 79,999

C. 79,899

B. 80,000

D. 80,099

2) A swimming pool cover is rectangular and measures 20 meters long and 8 meters wide. How much space does the cover take up?

A. 28 sq m

C. 160 sq m

B. 56 sq m

D. 180 sq m

3) Sam has 5 liters of juice. He uses 2 liters to make punch. How many liters of juice does he have left?

A. 2 L

C. 5 L

B. 3 L

D. 7 L

Cost: $\times 7$

4) Total:

A store buys 7 guitars at \$6 each. How much does the store spend in total?

A. \$36

C. \$42

B. \$48

D. \$50

5) A fan blade rotates $\frac{7}{12}$ of a full turn. What is the angle measurement in degrees?



6) Which shows the correct comparison?

A. $0.8 > 0.81$

B. $0.8 < 0.81$

C. $0.81 < 0.8$

D. $0.81 = 0.8$

7) A trapezoid with a vertical line of symmetry has what other special property?

 A. Both legs are equal length B. All four sides are equal C. It is a rectangle D. It has two parallel sides of different lengths

8) Which list orders the fractions correctly from least to greatest?

A. $\frac{3}{12}, \frac{5}{12}, \frac{7}{12}$

B. $\frac{7}{12}, \frac{5}{12}, \frac{3}{12}$

C. $\frac{3}{12}, \frac{7}{12}, \frac{5}{12}$

D. $\frac{5}{12}, \frac{3}{12}, \frac{7}{12}$

9) Which number rounds to 9,000 when rounded to the nearest thousand?

 A. 8,499 B. 8,401 C. 9,450 D. 9,600

10) Which attribute describes a rhombus but is not true for all rectangles?

 A. Four sides B. Two pairs of parallel sides C. All sides are equal in length D. Four right angles

11) Which fraction is equivalent to $\frac{2}{3}$ and has a denominator of 12?

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

B. $\frac{10}{12}$

C. $\frac{9}{12}$

D. $\frac{8}{12}$



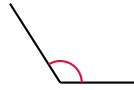
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1) Which statement correctly compares these two angles?

Angle 1



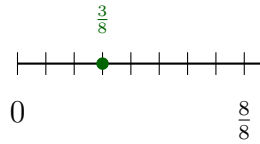
Angle 2



- A. Angle 1 is obtuse; Angle 2 is acute
- B. Angle 1 is acute; Angle 2 is obtuse
- C. Both angles are right angles
- D. Both angles are the same size
- 2) An obtuse angle has an opening that is:
- A. smaller than a right angle
- B. the same as a right angle
- C. larger than a right angle but smaller than a straight angle
- D. equal to a straight angle
- 3) Noah used $\frac{5}{6}$ of his paint to paint a fence. Maria used $\frac{3}{4}$ of her paint on a wall. Assuming they started with the same amount, who used more paint?
- A. Noah used more
- B. Maria used more
- C. They used the same amount
- D. Cannot determine
- 4) A farmer divides a field into sections. Section A is $1\frac{2}{5}$ acres and Section B is $2\frac{3}{5}$ acres. What is the total area of both sections?
- A. 4 acres
- B. $4\frac{1}{5}$ acres
- C. $3\frac{1}{5}$ acres
- D. $1\frac{1}{5}$ acres



- 5) Noah skipped by $\frac{1}{8}$ along a number line. He stopped at $\frac{3}{8}$. How many skips did he make?



- A. 1 skip
- B. 2 skips
- C. 3 skips
- D. 4 skips
- 6) A watermelon weighs 6 kilograms. How many grams does it weigh?
- A. 60
- B. 600
- C. 6,000
- D. 60,000
- 7) A school has 48 third-graders. This is 4 times as many as the number of second-graders. How many second-graders are there?
- A. 192
- B. 52
- C. 44
- D. 12
- 8) A school fundraiser collected \$17,890. Rounded to the nearest thousand dollars, about how much was collected?



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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

- 1) **Choice A is correct.** (4.D.1.3) Since 1 meter = 100 centimeters, divide: $1,200 \div 100 = 12$ meters. The answer is **12** meters.
- 2) **Choice C is correct.** (4.GM.1.1) Tick marks on the sides of a figure indicate which sides have equal length. Sides marked with the same number or style of tick marks are equal to each other. The answer is **C**.
- 3) **Choice D is correct.** (4.N.2.3) Two steps! Step 1: total flowers after planting more: $200 + 40 = 240$. Step 2: divide equally into 8 sections: $240 \div 8 = 30$ flowers per section.
- 4) **Choice B is correct.** (4.N.3.1) Convert the fractions to decimals: $\frac{2}{10} = 0.2$ and $\frac{4}{10} = 0.4$. The decimal 0.3 fits between them.
- 5) **The correct answer is 75.** (4.D.1.2) Each toy costs \$15. Maya buys 5 toys. Multiply: $15 \times 5 = 75$ dollars. She spends **75** dollars.
- 6) **Choice A is correct.** (4.N.3.4) One whole ($\frac{4}{4}$) as unit fractions means four pieces of $\frac{1}{4}$: $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{4}{4} \checkmark$.
- 7) **Choice B is correct.** (4.D.1.1) On the line plot, count the X marks stacked above $\frac{2}{4}$ inch. There are exactly **2** X marks at that position.
- 8) **Choice B is correct.** (4.GM.2.1) An acute angle opens less wide than a right angle—it measures less than 90° . At 15° , this is a very small acute angle. The other choices are all 90° or bigger, so they cannot be acute. The answer is **15** degrees.
- 9) **Choice C is correct.** (4.GM.2.1) The angle spans a measure of 60° , so it contains **60** one-degree angles.
- 10) **Choice B is correct.** (4.GM.1.3) A right isosceles triangle has two equal legs meeting at the right angle. The diagonal dashed line from that right angle to the middle of the opposite side is exactly the line of symmetry. The answer is **1** line of symmetry.
- 11) **The correct answer is 2.** (4.GM.1.1) A line segment has exactly two endpoints — where it starts and where it ends.
- 12) **Choice A is correct.** (4.N.2.2) Regroup across the zero in the tens place to subtract. The answer is **17,868**.
- 13) **Choice A is correct.** (4.N.3.1) Grid A: $\frac{4}{8}$ shaded. Simplify: $\frac{4}{8} = \frac{1}{2}$. Grid B: $\frac{6}{12}$ shaded. Simplify: $\frac{6}{12} = \frac{1}{2}$. Both show the same amount!
- 14) **Choice B is correct.** (4.N.3.1) 3 tenths = 0.3 and 7 hundredths = 0.07. Add them: $0.3 + 0.07 = 0.37$.
- 15) **Choice A is correct.** (4.N.2.5) Split by tens: $16 \times (30 + 5) = 480 + 80 = \mathbf{560}$ trees.
- 16) **The correct answer is A, C.** (4.A.2.2) A: $4 \times \frac{3}{5} = \frac{4 \times 3}{5} = \frac{12}{5} \checkmark$. C: $3 \times \frac{4}{5} = \frac{3 \times 4}{5} = \frac{12}{5} \checkmark$. B: $6 \times \frac{2}{3} = \frac{12}{3} = 4$ (not $\frac{12}{5}$). D: $2 \times \frac{1}{5} = \frac{2}{5}$ (not $\frac{12}{5}$). E: $3 \times \frac{2}{5} = \frac{6}{5}$ (not $\frac{12}{5}$). The answers are **A** and **C**.
- 17) **Choice A is correct.** (4.N.3.1) Both fractions have numerator 2. When numerators match, smaller denominators give bigger pieces. Since $3 < 5$, $\frac{2}{3} > \frac{2}{5}$.
- 18) **Choice C is correct.** (4.N.4.1) Even numbers (divisible by 2) end in 0, 2, 4, 6, or 8. 49 ends in 9—odd—so it's *not* divisible by 2. The others (24, 36, 50) all end in even digits.
- 19) **Choice B is correct.** (4.N.3.4) A hiking trail is shown with sections covered. Step 1: Add the distances the hikers covered: $\frac{4}{12} + \frac{4}{12} = \frac{8}{12}$. Step 2: Find what's left: $\frac{12}{12} - \frac{8}{12} = \frac{4}{12}$.
- 20) **The correct answer is 2.** (4.GM.2.1) An angle is formed by **2** rays that share a vertex.
- 21) **Choice B is correct.** (4.N.3.4) Subtraction with same denominator: $7 - 3 = 4$, keep the denominator. Answer: $\frac{4}{10}$.
- 22) **Choice D is correct.** (4.N.3.7) Breaking it: 73 thousands (“seventy-three thousand”) and 546 ones (“five hundred forty-six”) \checkmark
- 23) **Choice C is correct.** (4.GM.2.2) To find area, we multiply length times width: $8 \times 5 = 40$ sq ft.
- 24) **Choice A is correct.** (4.GM.2.1) The angle spans between two rays in the lower portion of the circle, measuring **30°** .
- 25) **Choice C is correct.** (4.N.4.1) Start at 3 and apply “add 4” four more times: 3, 7, 11, 15, **19**. The 5th term is **19**.
- 26) **Choice B is correct.** (4.N.3.4) $\frac{5}{7}$ means we have 5 equal pieces, and each piece is $\frac{1}{7}$. So **5** unit fractions of $\frac{1}{7}$ make up $\frac{5}{7}$.
- 27) **Choice A is correct.** (4.N.3.4) Subtract the wholes: $6 - 3 = 3$. Subtract the fractions: $\frac{4}{8} - \frac{2}{8} = \frac{2}{8}$. The difference is **$3\frac{2}{8}$** .



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Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 5 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

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

With 5 full-length practice tests, a variety of question types, and detailed answer explanations, students get the practice they need to understand math, strengthen critical thinking, and perform their best on test day and beyond.

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

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- ✓ Classroom Practice
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- ✓ Independent Learning
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- ✓ 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.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



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 & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



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5 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+