

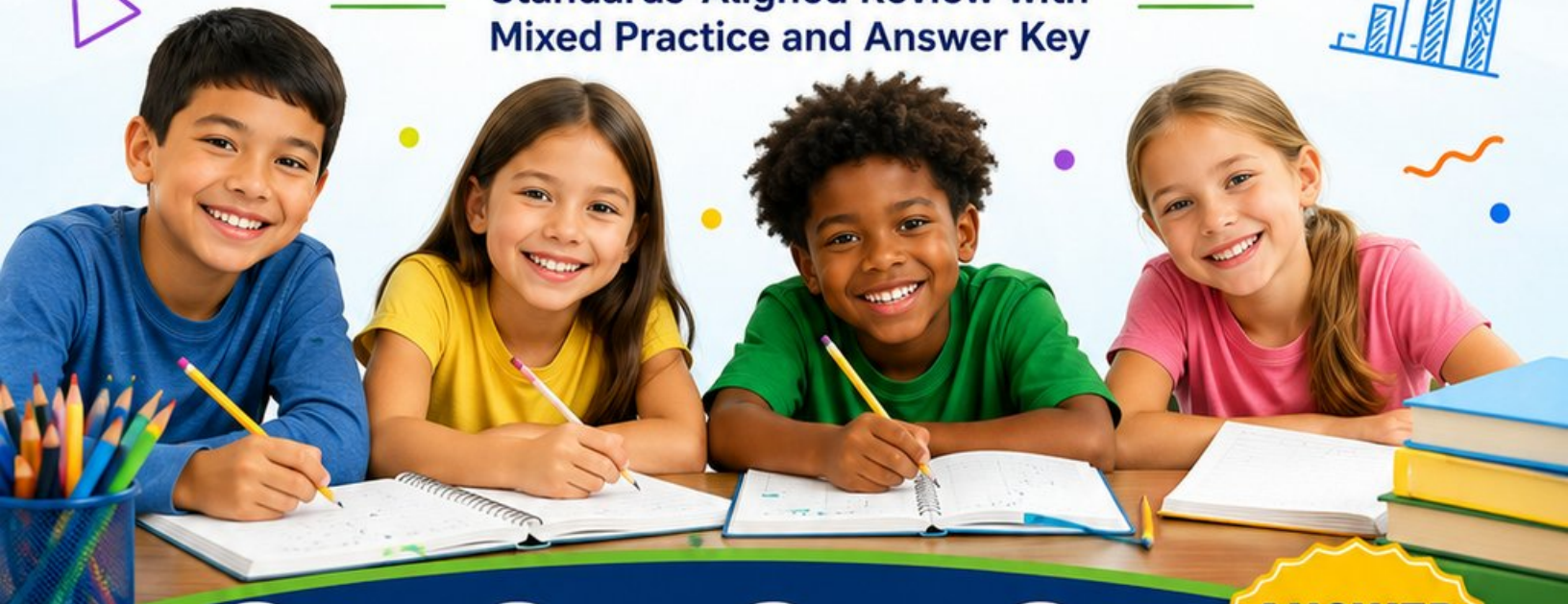
7

Nebraska

NSCAS Growth

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



7 Full-Length
Practice Tests



Standards-
Aligned



Build Confidence
and Skills



Mixed Question
Types

**ANSWER
KEY**

INCLUDED

$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$

7 Nebraska NSCAS Growth Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Seven complete 30-question Grade 4 practice rounds for NSCAS Growth, built around prairie winds, field rows, and steady fact fluency, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Nebraska Math Explorer!

Seven steady rounds on the Cornhusker State math route

This book gives you seven full Grade 4 practice tests for NSCAS Growth. Each round uses prairie winds, field rows, and steady fact fluency to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Nebraska 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 Nebraska NSCAS Growth 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 Cornhusker 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?

Seven tests, 210 questions, and a full NSCAS Growth 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 5–7	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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10) What is $1\frac{2}{6} + 2\frac{5}{6}$?

A. $3\frac{5}{6}$

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

B. $4\frac{1}{6}$

D. 4

11) Mia buys 4 ribbons, each one-sixth of a yard long. How long are all the ribbons together?

A. $\frac{4}{6}$ yard

C. $\frac{1}{24}$ yard

B. 4 yards

D. $\frac{6}{4}$ yard

12) What is $10,000 - 5,678$?

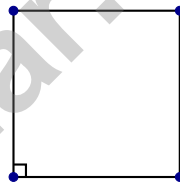
A. 4,322

C. 4,422

B. 4,332

D. 5,322

13) How many right angles are shown in this figure?



A. 1 right angle

C. 3 right angles

B. 2 right angles

D. 4 right angles

14) Gia has 27 stickers. Her friend gives her 18 more. They share all stickers equally. If they split into 3 groups, how many stickers are in each group?

A. 12

C. 18

B. 13

D. 15



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- 1) A bakery bakes 3 batches of rolls. Each batch makes 28 rolls. The rolls go into boxes of 8. How many complete boxes can they fill?

- 2) Complete the sequence using the pattern shown in the table:

Term	1	2	3	4
Value	9	12	15	?

- A. 16
- B. 17
- C. 18
- D. 20
- 3) A pitcher holds 64 fluid ounces. How many pints is this?
- A. 2
- B. 4
- C. 8
- D. 16
- 4) School starts at 8:45 a.m. If school runs for 6 hours, what time does it end?
- A. 2:45 p.m.
- B. 3:00 p.m.
- C. 2:45 a.m.
- D. 12:45 p.m.
- 5) Which number is a multiple of 7?
- A. 45
- B. 60
- C. 52
- D. 49



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6) Which equation shows a correct use of the standard algorithm for 23×18 ?

- A. $23 \times 1 + 23 \times 8 = 23 + 184 = 207$ C. $(2 \times 8) + (3 \times 8) = 16 + 24 = 40$
 B. $(23 \times 10) + (23 \times 8) = 230 + 184 = 314$ D. $(23 \times 8) + (23 \times 10) = 184 + 230 = 414$

7) Look at this addition with regrouping:
$$\begin{array}{r} 4,567 \\ +2,345 \\ \hline \end{array}$$
 What is the sum?

- A. 6,912 C. 7,012
 B. 6,812 D. 6,922

8) An error analysis: A student added $\frac{2}{4} + \frac{3}{4}$ and got $\frac{5}{8}$. What did the student do wrong?

- A. Added the denominators instead of keeping them the same. C. Forgot to simplify.
 B. Subtracted instead of added. D. Used the wrong denominator in the answer.

9) If an angle measures 35° , how many one-degree angles does it turn through?

- A. 3.5 one-degree angles C. 70 one-degree angles
 B. 35 one-degree angles D. 350 one-degree angles

10) What symbol makes this true? 0.38 _____ 0.37

- A. $>$ C. $=$
 B. $<$ D. Cannot compare

11) A carousel makes $\frac{2}{3}$ of a turn. How many degrees is this?



1) 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. $\frac{6}{10} + \frac{6}{10}$

2) Which of the following does **not** have at least one line of symmetry?

 A. Right isosceles triangle C. Scalene right triangle B. Equilateral triangle D. Isosceles trapezoid

3) An art supply store has 5 paintbrush sets. It has 3 times as many markers as paintbrush sets. It also has 2 times as many colored pencils as markers. How many colored pencils does the store have?

 A. 10 C. 25 B. 15 D. 30

4) Look at the input-output table. What is the rule?

Input	2	3	4	5
Output	6	9	12	15

 A. Add 3 then multiply by 2 C. Multiply by 2 then add 2 B. Add 4 D. Multiply by 3

5) What is $2\frac{3}{5} + 1\frac{1}{5}$?

A. $3\frac{2}{5}$

C. $3\frac{4}{5}$

B. $3\frac{3}{5}$

D. $4\frac{4}{5}$



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& answers

6) Noah baked cookies and ate $\frac{2}{6}$ of them. His sister ate $\frac{3}{6}$. How many cookies were eaten?

A. $\frac{5}{12}$ of the cookies

C. $\frac{1}{6}$ of the cookies

B. $\frac{5}{6}$ of the cookies

D. All cookies

7) 5 times

6

?

A baker made 6 chocolate cookies. She made 5 times as many vanilla cookies. How many vanilla cookies did she make?

A. 11

C. 30

B. 25

D. 36

8) Round 26,734 to the nearest hundred.

--

9) Find 32×19 .

--



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.G.1) One-eighth of the circle is $\frac{1}{8} \times 360^\circ = 45^\circ$.
- Choice D is correct.** (4.N.4) Test the small primes: 23 is odd; digit sum $2 + 3 = 5$ (not $\div 3$); doesn't end in 0 or 5; $7 \times 3 = 21$, $7 \times 4 = 28$, no 7. So 23 has only factors 1 and itself—**prime**.
- Choice D is correct.** (4.N.1) The thousands place has the greatest value among all places. The 2 in the thousands place (2,000) is much larger than 200, 20, or 2. Answer: the **2** in the thousands place. ✓
- Choice C is correct.** (4.A.1) Divide: $37 \div 5 = 7$ r2, bring down the 8 to get $28 \div 5 = 5$ r3, bring down the 0 to get $30 \div 5 = 6$. The orchard makes **756** full crates.
- Choice B is correct.** (4.N.3) Noah started with $\frac{6}{12}$ and ate $\frac{2}{12}$. Same-size pieces: $6 - 2 = 4$ twelfths remain. Answer: $\frac{4}{12}$.
- Choice C is correct.** (4.N.1) First simplify the first fraction: $\frac{2}{4} = \frac{1}{2}$. Now find the equivalent with denominator 10: $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$.
- The correct answer is $5\frac{1}{3}$.** (4.A.1) We take 8 copies of $\frac{2}{3}$. Multiply: $8 \times \frac{2}{3} = \frac{8 \times 2}{3} = \frac{16}{3} = 5\frac{1}{3}$. The answer is **$5\frac{1}{3}$** .
- Choice B is correct.** (4.N.1) Use $\frac{1}{2}$ as a benchmark: $\frac{3}{10} < \frac{1}{2}$ (only 3 out of 10 parts) but $\frac{4}{5} > \frac{1}{2}$ (four fifths is more than half). The benchmark separates them!
- Choice D is correct.** (4.D.2) Step 1: Bar 2 is 5 times Bar 1, so $\text{Bar } 2 = 5 \times 2 = 10$. Step 2: add both bars: $2 + 10 = 12$.
- Choice B is correct.** (4.N.3) Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{2}{6} + \frac{5}{6} = \frac{7}{6} = 1\frac{1}{6}$. Combine: $3 + 1\frac{1}{6} = 4\frac{1}{6}$.
- Choice A is correct.** (4.A.1) Each ribbon is $\frac{1}{6}$ yard. With 4 ribbons, the total length is $4 \times \frac{1}{6} = \frac{4}{6}$ yard.
- Choice A is correct.** (4.N.1) Subtracting from 10,000 requires careful regrouping across all the zeros. The answer is **4,322**.
- Choice D is correct.** (4.G.1) A square is built from four perfect corners, and each corner is exactly 90° . Count them: four corners means four right angles!
- Choice D is correct.** (4.N.3) Two steps! Step 1: combine the stickers: $27 + 18 = 45$. Step 2: split into 3 equal groups: $45 \div 3 = 15$ stickers per group.
- Choice C is correct.** (4.G.2) Each slice is 45° . Combine 3 slices: $45^\circ \times 3 = 135^\circ$.
- The correct answer is A, C.** (4.A.1) A counts by halves: $\frac{2}{2} = 2 \times \frac{1}{2}$ checkmark. C counts by halves: $\frac{3}{2} = 3 \times \frac{1}{2}$ checkmark. The others don't fit.
- Choice B is correct.** (4.G.1) The angle marked from 0° to 75° contains **75** one-degree angles.
- Choice D is correct.** (4.N.1) Thousands: 5, ones: 234. Combined: $5,000 + 234 = 5,234$ ✓
- Choice B is correct.** (4.N.2) Rewrite 0.2 as 0.20 to see clearly. Compare: $20 < 21$ hundredths, so $0.2 < 0.21$.
- Choice C is correct.** (4.G.2) Since 1 tablespoon = 3 teaspoons, multiply: $4 \times 3 = 12$ teaspoons. The answer is **12** teaspoons.
- The correct answer is 6.** (4.N.3) $\frac{6}{7}$ means 6 equal pieces, each $\frac{1}{7}$. So the answer is **6** unit fractions of $\frac{1}{7}$.
- Choice C is correct.** (4.N.3) Isabella baked many cookies but sold some. Subtract the sold amount from the total: $4\frac{1}{2} - 1\frac{1}{2} = 3\frac{1}{2}$ trays of cookies left.
- Choice A is correct.** (4.G.1) A slanted parallelogram leans to one side and has different side lengths next to each other. No fold line can make matching halves. The answer is **0** lines of symmetry.
- The correct answer is 8.** (4.G.2) Count all the measurements: $\frac{1}{2}$ in appears 2 times, 1 in appears 4 times, and $\frac{3}{2}$ in appears 2 times. So $2 + 4 + 2 = 8$ data points total.
- Choice C is correct.** (4.G.2) At 110° , this angle opens wider than a right angle. Since it's between 90° and 180° , it's definitely obtuse. The answer is obtuse.
- Choice C is correct.** (4.G.3) To find area, we multiply length times width: $8 \times 5 = 40$ sq ft.
- Choice D is correct.** (4.N.1) We're rounding to the nearest thousand. Look at the hundreds digit: $9 \geq 5$, so round UP! But 9 becomes 10—a rollover! So $9,987 \rightarrow 10,000$. ✓



Hi, Math Athlete!

◇ 7 practice tests done! That's serious training. Your math muscles are strong. You are in great shape for the big test. ◇

★ **Trainers know:** muscle memory is real. The more you practice, the more your brain knows what to do without thinking. You built that muscle memory! ★

Athlete Performance

- **Endurance:** TOP! You can finish a long test.
- **Strength:** STRONG! You handle hard problems.
- **Speed:** JUST RIGHT! You don't rush.
- **Recovery:** GOOD! You bounce back from tough questions.

Trainer tip: on test day, drink water, breathe deeply, and warm up with the easier questions first. Your training will carry you the rest of the way!

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

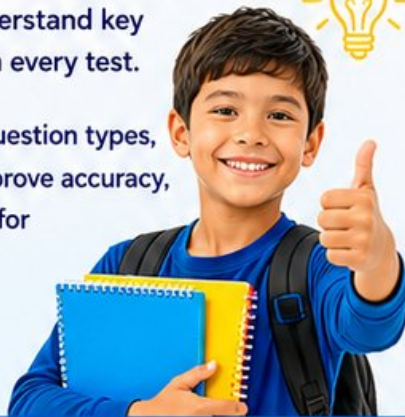
Jay Daie

Your Math Trainer

7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



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- ✓ Homework & Review
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- ✓ Test Preparation
- ✓ Confidence Building
- ✓ Skill Reinforcement

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SUCCESS FOR LIFE.

WHAT STUDENTS WILL GAIN



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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.



Academic Success

Strengthen skills needed for future learning.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals & Comparing Numbers
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ And More!



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7 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included